

Luminaires



INSPIRATIONAL BOARD

Hör mal:

- Weltweit, Episode WW064 - Geschichten aus einer Welt im Wandel
- SAP Education Newscast, Episode 016 - Wissenspartnership
- Mindtrack - Learning Podcast
- PDF - Heiß das Morgen gestalten
- CS19










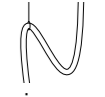
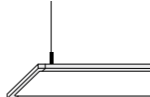



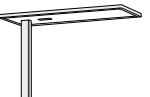


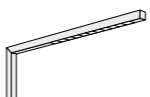

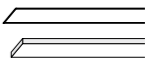
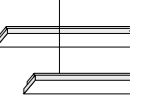
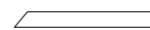







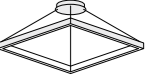


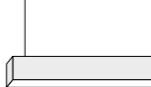


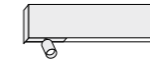
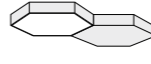
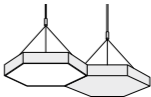
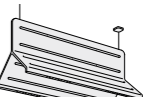
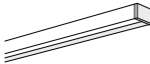
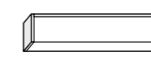
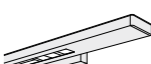
Lies mal:

- Yuval Noah Harari - 21 Lessons für das 21. Jhd.
- The Culture Code - the secrets of highly successful groups

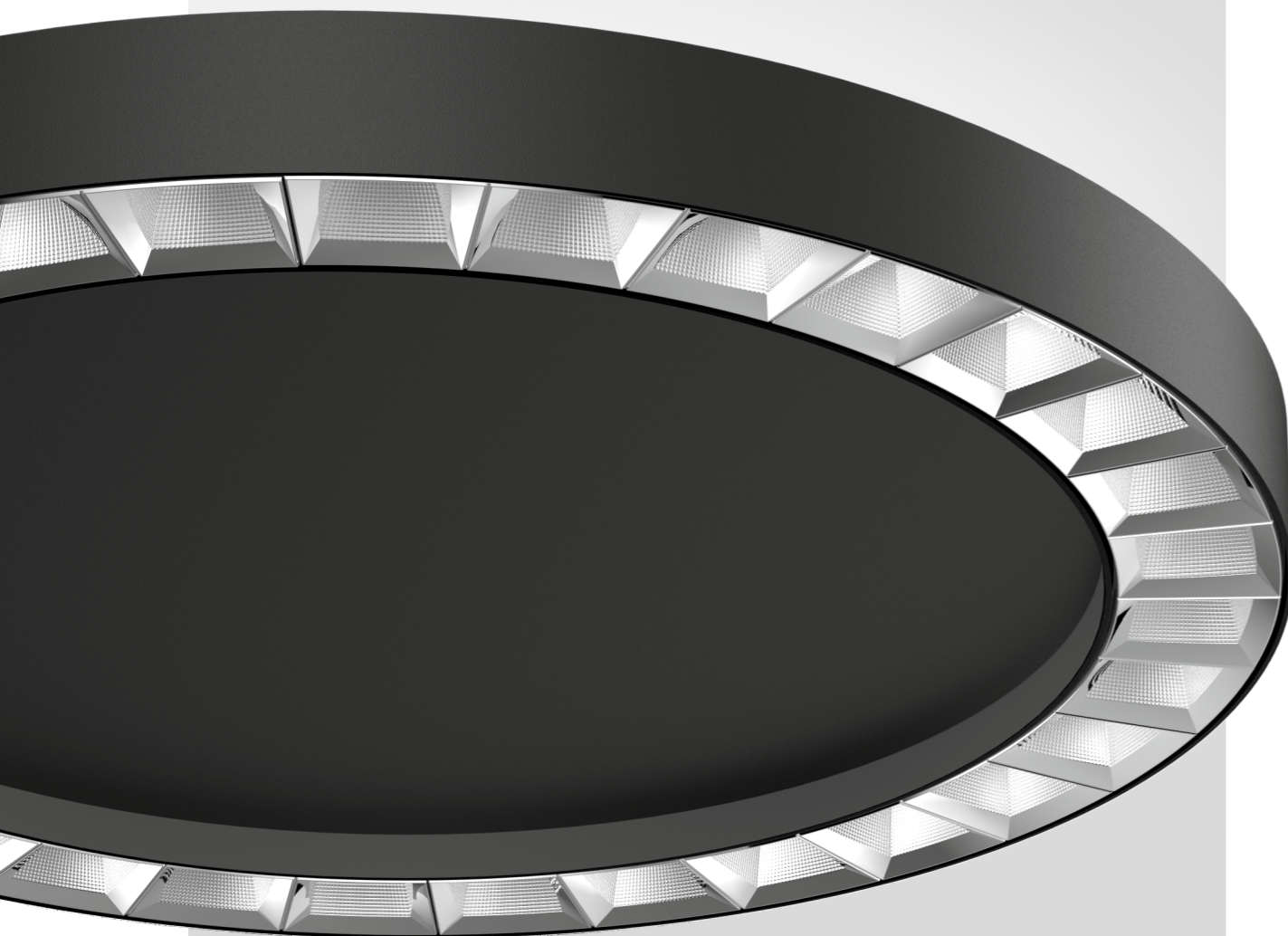
Schau mal:

- WIRED: 5 Levels
- Am Wochenende einfach Offline sein

Luminaires

MITA			COMBO		VELA		
NEW 314	recessed	ceiling	334	recessed	342	surface	suspended
SONO				FLOW		JANE	
356	recessed	surface	loop surface	374	surface	NEW 380	semi-recessed surface suspended
DESO		TASK					
NEW 394	suspended	400	surface / acoustic	suspended / acoustic	wall	free standing	table
BETO			SETA		LENO		
460	suspended	free standing	NEW 484	suspended	490	recessed semi-recessed	surface / suspended
MINIMAL		FRAME		CANYON		MINO	
508	recessed	516	recessed trim	526	recessed offset	532	surface / suspended
BASO			TUBO		INO		
556	recessed	surface	NEW 568	surface / suspended	580	circle suspended	square suspended
MINO CIRCLE			LITO		SONIC		
594	ceiling / acoustic	suspended / acoustic	610	suspended	616	suspended / acoustic	free standing / acoustic
LINEA		HEX-O			MUSE		
NEW 632	wall	638	ceiling / acoustic	suspended / acoustic	654	acoustic suspended	
STRETTA		CORNER		RECOVER			
670	surface	676	surface	682	wall		

Discreet perfection

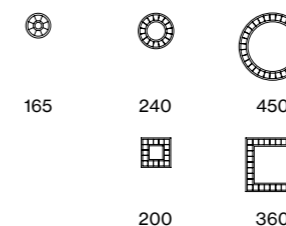


MITA

EN MITA combines high performance with a slim design language and its wide range of applications is impressive. The product family is available as recessed or surface-mounted luminaires in a round or square design. All the versions of the luminaire have special reflectors for the best screen-compatible work lighting – perfect for use in offices or meeting rooms. MITA circle 160 recessed and its central extension also open up a wide range of new possibilities. Optional accessories can be added: covers, sensors for smart lighting control, emergency lighting inserts, or SASSO 60 spotlights with various reflectors. The product family is available in the light colours 3000K, 4000K, or Tunable White. Optionally, the luminaire can be equipped with a presence and brightness sensor.

FR MITA allie des performances à une esthétique toute en finesse pour proposer de multiples applications particulièrement impressionnantes. Cette gamme de produits est disponible en version luminaire à encastrer ou apparent, au format rond ou carré. Quelle que soit la version choisie, le luminaire est doté de réflecteurs spéciaux pour un éclairage de travail optimal et adapté aux écrans – parfait pour les bureaux ou salles de réunion. Grâce à une extension en son centre, la variante MITA circle 160 recessed offre en outre de nouvelles opportunités. Plusieurs accessoires sont proposés en option : diffuseurs, capteurs pour la commande intelligente de l'éclairage, modules d'éclairage de secours ou spots SASSO 60 avec différents réflecteurs. La gamme est disponible dans les températures de couleur 3000K, 4000K ou, en option, comme Tunable White. En option, le luminaire peut être équipé d'un capteur de présence et de luminosité.

Types



165

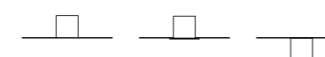
240

450

200

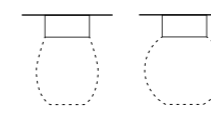
360

Mountings

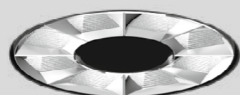
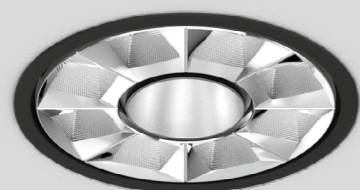
trimless
recessedwith trim
recessed

ceiling

Light distributions

reflector
(UGR ≤ 19)opal
(ceiling)

← back



MITA circle 160

recessed

EN Ring shaped luminaire housing in die-cast aluminium; extremely slim design; recessed luminaire with trim (suitable for ceiling thickness of 2-25 mm); or for trimless installation in plasterboard ceilings (suitable for ceiling thickness of 12.5/15/20/25 mm); surface powder coated; incl. blind cover made of plastic in the cut-out; optional: SASSO 60 round, SASSO 60 round sensor or SASSO 60 round emergency for installation in the cut-out available as an accessory; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en forme d'anneau en fonte d'aluminium injectée; forme extrêmement élancée; luminaire encastré avec bord continu (convient aux épaisseurs de plafond de 2-25 mm); ou pour encastrement sans bord en plâtre en plâtré (convient aux épaisseurs de plafond de 12,5/15/20/25 mm); surface thermolaquée; y compris le capot en plastique dans la découpe intérieure; en option: SASSO 60 round, SASSO 60 round sensor ou SASSO 60 round emergency à insérer dans la découpe intérieure disponible comme accessoire; réflecteur ultra-brillant avec optique à facettes; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 up to 134 lm/W
 L95 @ 50 000 h
 non DIM, DALI-2
 reflector (UGR ≤ 19)

Types



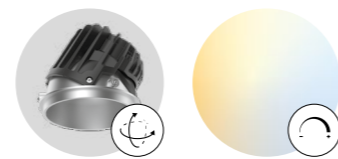
Colours



Light distribution



DIN EN 12464-1 UGR ≤ 19 trimless install. in plasterboard



SASSO 60 inset ready tunable white 2700-6500K

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6
tunable white 2700-6500K*	D
*DALI-2 DT8	

CONTROL

non DIM
 DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

LIGHT OPTIC COVER

reflector (UGR ≤ 19)

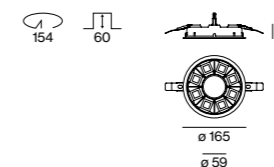
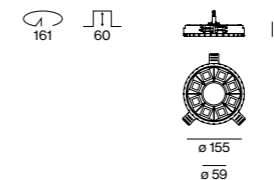
Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

GRID CEILING MOUNTING

installed in module 600 × 600 mm
 installed in module 625 × 625 mm



MITA circle 160 trimless



DIRECT

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
6.6 W 22 Vf 300 mA	3000 K 4000 K	1120 lm 1180 lm	0 7 4 - 8 2 2 2 :: 1 R

MITA circle 160 trim



DIRECT

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
6.6 W 22 Vf 300 mA	3000 K 4000 K	1120 lm 1180 lm	0 7 4 - 8 1 2 2 :: 1 R

Electrical accessories

POWER SUPPLY 220-240 V AC, 50-60 Hz, PC II

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
300 mA non DIM	η 89 %	147-44-22	0 0 2 - 9 1 1 2 2
300 mA DALI-2	η 87 %	97-43-30	0 0 2 - 9 1 1 2 0
375 mA DALI-2 DT8	η 83 %	129-79-30	0 0 2 - 9 1 1 2 1

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48V DC constant voltage	90-90-60	0 0 5 - 6 5 2 0 2 1 0
LED DRIVER DALI-2 DT6 1-2 addr. 200-1050 mA settable const. current 2 × 42W 48V DC U _{OUT} 10-40V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981

Accessories

SASSO 60 SPOTLIGHT

TYPE	ORDER CODE
SASSO 60 round adjustable	see page 120
SASSO 60 round downlight	see page 120

SASSO 60 SENSOR

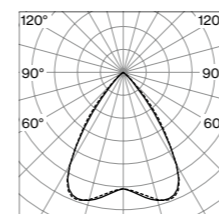
TYPE	ORDER CODE
SASSO 60 ESSENTIAL sensor	see page 124
SASSO 60 SENSE sensor	see page 124

SASSO 60 EMERGENCY LIGHT

TYPE	ORDER CODE
SASSO 60 emergency light	see page 124



Light distribution

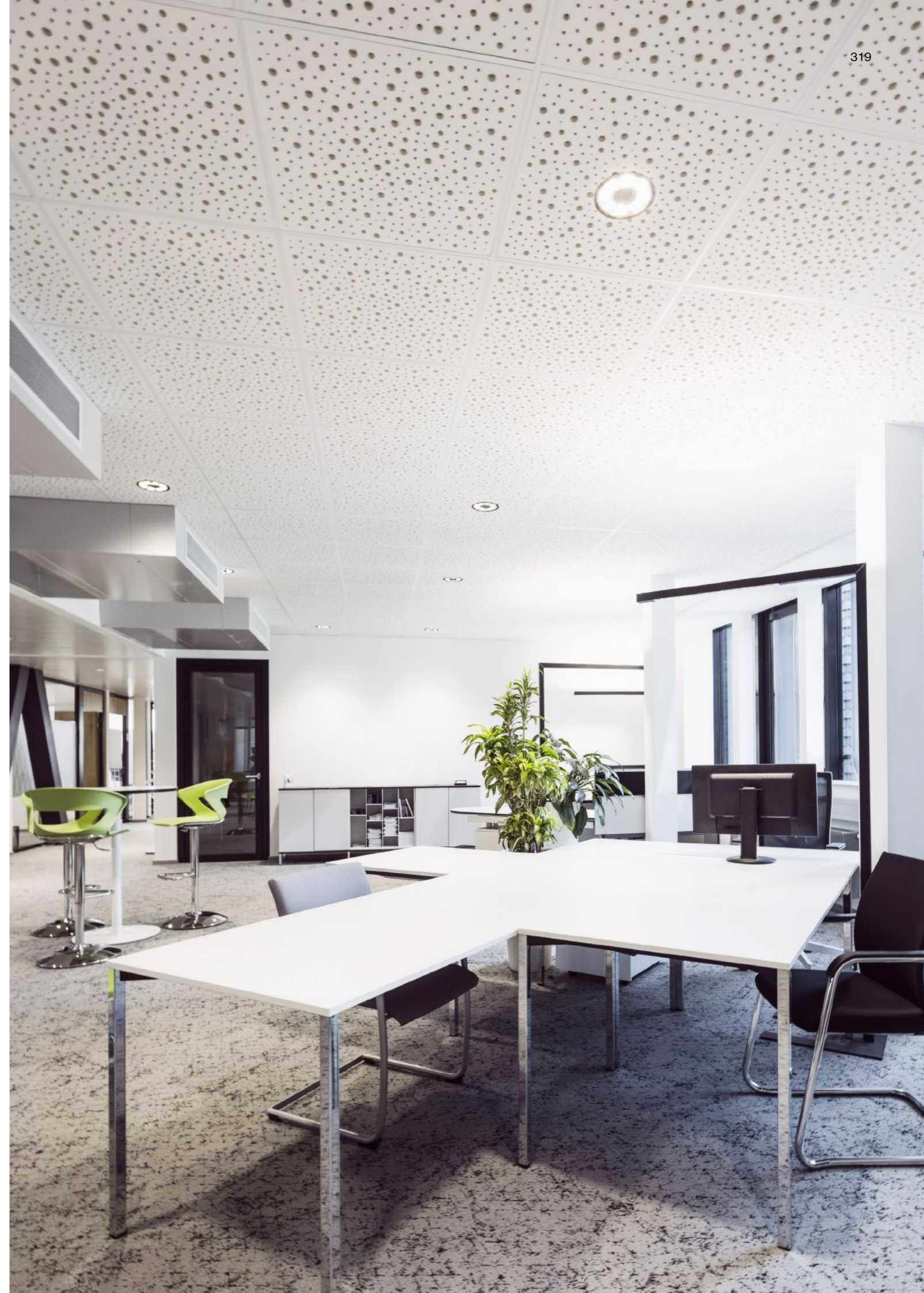


reflector (UGR ≤ 19)
 direct

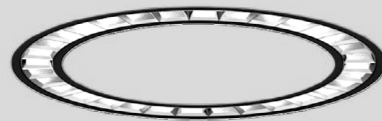
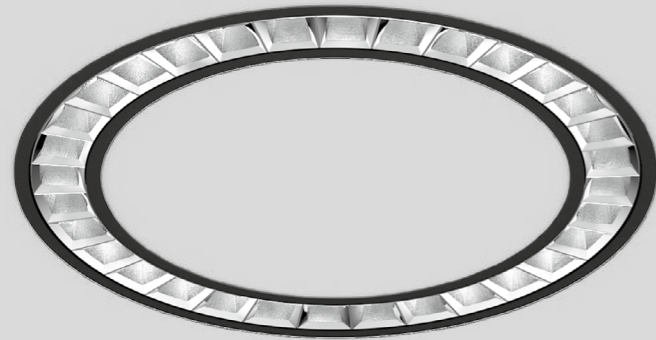
INSET POWER in watts is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, reflector chrome



ALLPLAN Österreich GmbH
Graz, AT



← back



MITA circle 240 / 450

recessed with trim

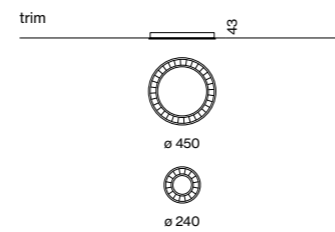
EN Ring shaped luminaire housing in die-cast aluminium; extremely slim design; recessed luminaire with trim; optional: blind cover to cover the cut-out available as an accessory; suitable for ceiling thickness of 2-25 mm; surface powder coated; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en forme d'anneau en fonte d'aluminium injectée ; forme extrêmement élancée ; luminaire encastré avec bord continu ; en option : cache à insérer dans l'encoche intérieure disponible comme accessoire ; convient aux épaisseurs de plafond de 2-25 mm ; surface thermolaquée ; réflecteur ultra-brillant avec optique à facettes ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K, TW
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 1500 cd/m²
up to 134 lm/W
L95 @ 50 000 h
DALI-2
reflector (UGR ≤ 19)

Types



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE
3000K 5
4000K 6
tunable white 2700–6500 K* D
*DALI-2 DT8

CONTROL

DALI-2

MATERIAL COLOUR

pure white RAL 9010 7
 jet black RAL 9005 8

LIGHT OPTIC COVER

reflector (UGR ≤ 19)

Options on request

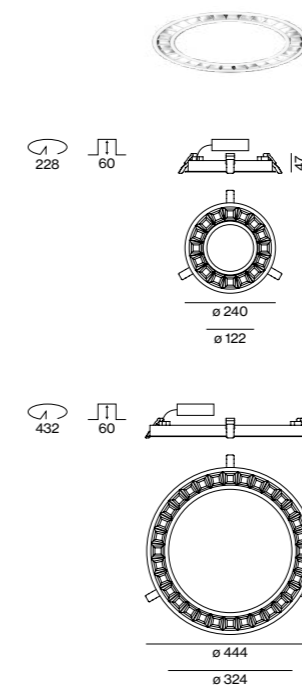
COLOUR RENDERING INDEX
CRI ≥ 90

GRID CEILING MOUNTING

installed in module 600 × 600 mm
installed in module 625 × 625 mm

INLAY

sensor
emergency light



MITA circle 240 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14.2 W	3000 K	2080 lm	074-8114::3R
	4000 K	2200 lm	

MITA circle 450 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31 W	3000 K	4510 lm	074-8116::3R
	4000 K	4750 lm	
42 W	3000 K	5830 lm	074-8126::3R
	4000 K	6140 lm	

Accessories

BLIND COVER

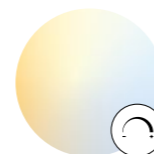
TYPE	ORDER CODE
MITA 240 circle recessed	074-891141
MITA 450 circle recessed	074-891161



suitable for plaster-board or grid ceilings

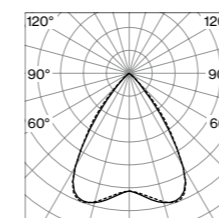


DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500 K

Light distribution



reflector (UGR ≤ 19)
direct

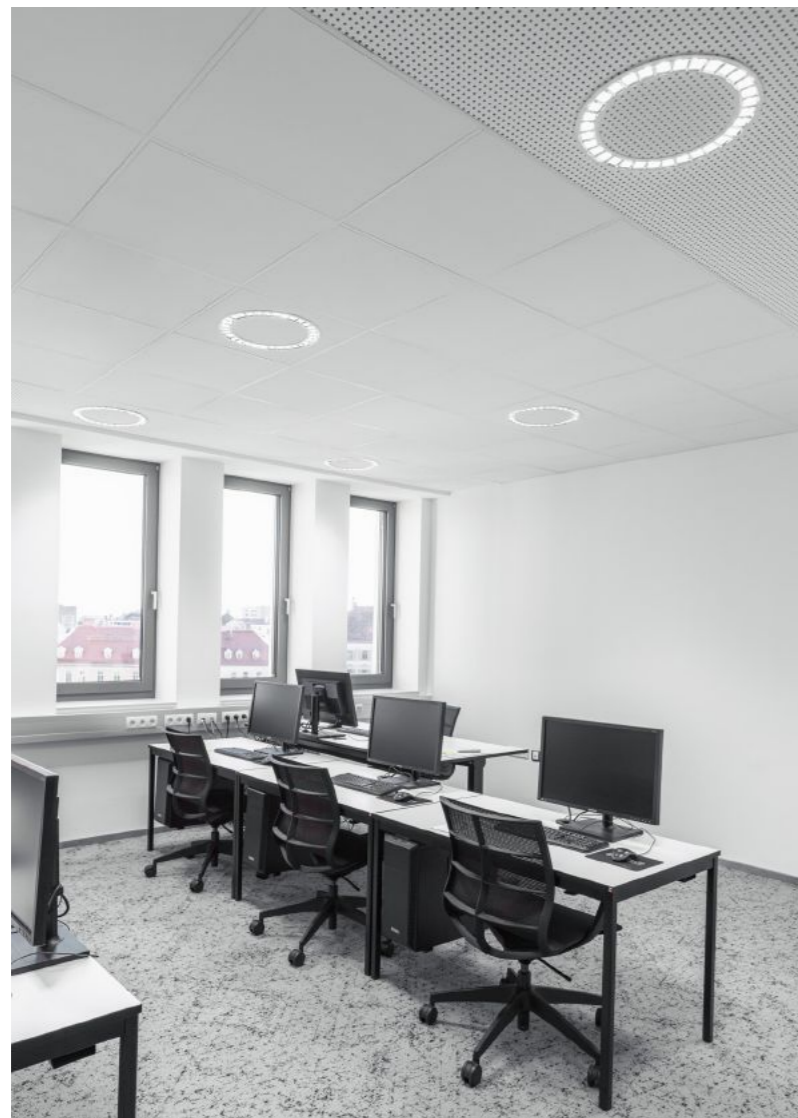
LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, reflector chrome

Endress + Hauser GmbH

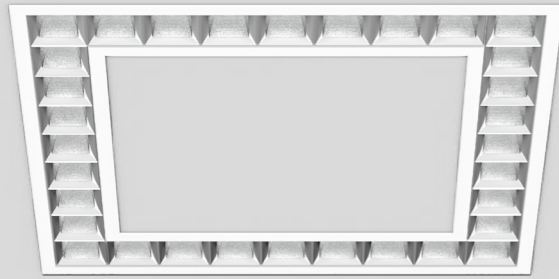
Vienna, AT – by FOKURA Luxury Interior /
Reinhard Strepfl with lighting design by
TB Heil & Schafzahl GmbH / Ing. Gerhard Heil



ALLPLAN Österreich GmbH
Graz, AT



← back



MITA square

recessed with trim

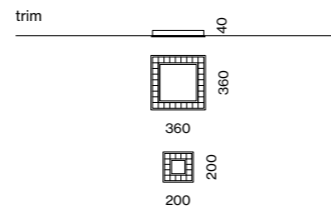
EN Square luminaire housing in die-cast aluminium; extremely slim design; recessed luminaire with trim; optional: blind cover to cover the cut-out available as an accessory; suitable for ceiling thickness of 2-25 mm; surface powder coated; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire carré en aluminium moulé ; forme extrêmement élancée ; luminaire encastré avec bord continu ; en option : cache à insérer dans l'encoche intérieure disponible comme accessoire ; convient aux épaisseurs de plafond de 2-25 mm ; surface thermolaquée ; réflecteur ultra-brillant avec optique à facettes ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 up to 155 lm/W
 L95 @ 50 000 h
 DALI-2
 reflector (UGR ≤ 19)

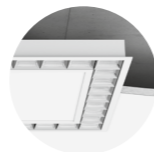
Types



Colours



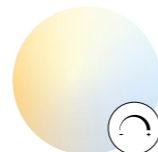
Light distribution



suitable for plaster-board or grid ceilings



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500K

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6
tunable white 2700–6500K*	D
*DALI-2 DT8	

CONTROL

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

LIGHT OPTIC COVER

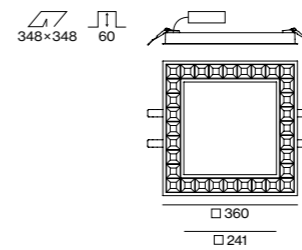
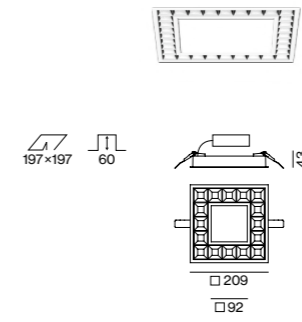
reflector (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 90

GRID CEILING MOUNTING

installed in module 600 × 600 mm
 installed in module 625 × 625 mm



MITA square 200 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14.2W	3000K	2080lm	074-8314::3R
	4000K	2200lm	

MITA square 360 trim



DIRECT

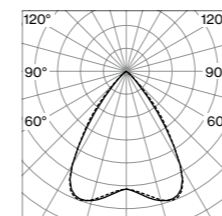
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31W	3000K	4510lm	074-8316::3R
	4000K	4750lm	
42W	3000K	5830lm	074-8326::3R
	4000K	6150lm	

Accessories

BLIND COVER

TYPE	ORDER CODE
MITA 200 square recessed	074-891341
MITA 360 square recessed	074-891361

Light distribution



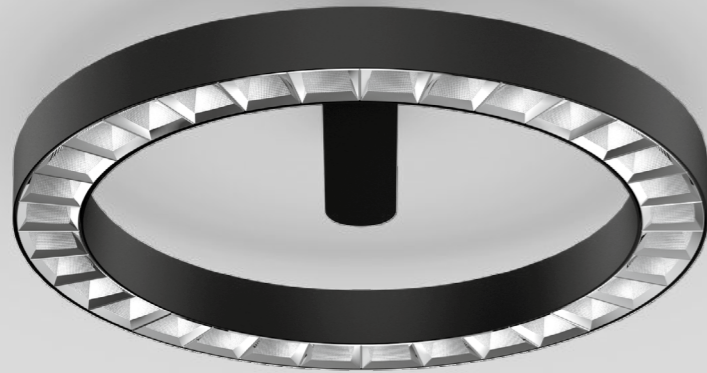
reflector (UGR ≤ 19)
 direct

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, reflector chrome



Classroom
Visualisation

← back



MITA circle

ceiling

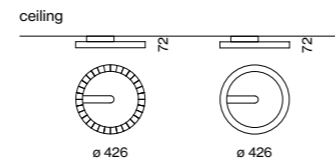
EN Ring shaped luminaire housing in die-cast aluminium; extremely slim design (only 42 x 42 mm); surface powder coated; luminaire housing set away from ceiling; electronic operating unit installed in the surface mounted housing; surface mounted housing aligned from the ring to the center; optional: blind cover to cover the cut-out, held by magnet, available as an accessory; high-gloss reflector with faceted design; HPO (High Performance Opal) cover for uniform illumination; either with direct or direct/indirect light distribution; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en forme d'anneau en fonte d'aluminium; forme extrêmement élancée (seulement 42 x 42 mm); surface thermolaquée; corps de luminaire écarté du plafond; appareil de comm. électr. monté dans le boîtier appar.; boîtier apparent dépassant au centre de l'anneau; en option: cache, fixé par aimant dans l'encoche intérieure, disponible comme accessoire; réflecteur ultra-brillant avec optique à facettes; cache HPO (High Performance Opal) pour éclairage homogène; au choix avec caractéristique de rayonnement direct ou direct/indirect; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K, TW
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 1500 cd/m²
up to 146 lm/W
L90 @ 50 000 h
DALI-2, DALI-2 sensor
reflector (UGR ≤ 19), opal

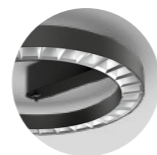
Types



Colours



Light distributions



sensor version
available



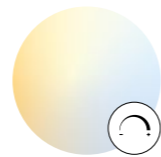
version with
opal cover



magnetic
blind cover



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500K

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6
tunable white 2700–6500K*	D

*DALI-2 DT8

CONTROL

DALI-2	3
DALI-2 ESSENTIAL sensor (brightness & presence)	B
DALI-2 SENSE sensor (brightness, presence, temp., sound pressure, humidity, CO ₂)	P

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

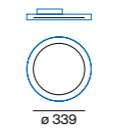
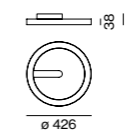
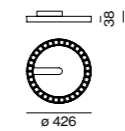
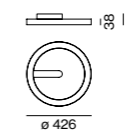
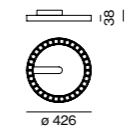
LIGHT OPTIC COVER

reflector	
opal	

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90	
----------	--



MITA circle 450 ceiling



REFLECTOR DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31W	3000K	4510 lm	074-75111
42W	3000K	5830 lm	074-75211
	4000K	4750 lm	
	4000K	6140 lm	

OPAL DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
27W	3000K	2650 lm	074-75111
	4000K	2810 lm	



REFLECTOR DIRECT / INDIRECT SOFT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31W	3000K	↓ 4370 / ± 140 lm	074-75311
42W	3000K	↓ 4610 / ± 140 lm	
	4000K	↓ 5660 / ± 170 lm	074-75611
	4000K	↓ 5960 / ± 180 lm	

OPAL DIRECT / INDIRECT SOFT

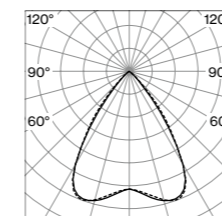
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
27W	3000K	↓ 2570 / ± 80 lm	074-75311
	4000K	↓ 2730 / ± 80 lm	

Accessories

BLIND COVER

TYPE	ORDER CODE
MITA circle 450 ceiling	074-891162
MITA circle 450 ceiling sensor	074-891163

Light distribution



reflector (UGR ≤ 19)
direct

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, reflector chrome

Conference room
Visualisation



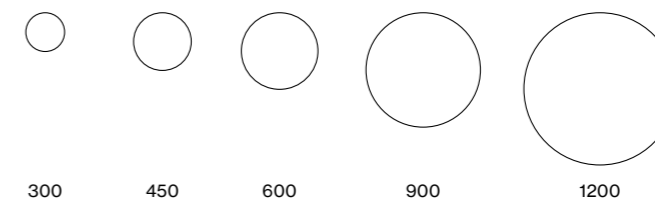
All-round performer

COMBO

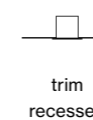
EN COMBO has a narrow trim and is perfectly integrated into the ceiling. It creates a calm, even ceiling appearance with pleasant and uniform room illumination. The circular luminaire owes this to its opal cover. COMBO's microprismatic cover variant reduces the glare value to $UGR \leq 19$: ideal for standard-compliant computer workstations. Depending on the desired lighting mood, COMBO is available in the light colours 3000 K, 4000 K, or Tunable White.

FR Une collerette de recouvrement aussi intégré que possible dans le plafond : COMBO confère au plafond un look uniforme avec un éclairage ambiant agréable et régulier. Ce luminaire circulaire doit cela à son diffuseur opale. Dans la version avec diffuseur micro prismatique, COMBO réduit la valeur d'éblouissement à un $UGR \leq 19$ – ce qui est idéal pour une station de travail avec écran conforme aux normes. Selon l'ambiance lumineuse souhaitée, COMBO est disponible dans les couleurs de lumière 3000 K, 4000 K ou Tunable White.

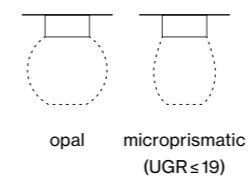
Types



Mounting



Light distributions



← back



COMBO

recessed with trim

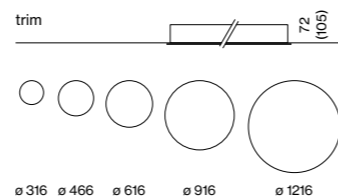
EN Round luminaire housing in aluminium with trim; suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25 mm; surface powder coated; up to $\varnothing 600$ mm: installation without tools using snap spring closure; highly reflective coating of the PCB for improved efficiency; completely homogeneously illuminated, satinised or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering; external converter for ceiling insertion, for through-wiring suitable

FR Corps de luminaire rond en aluminium avec bord continu; convient à encastrement en plafond en placoplâtre; convient aux épaisseurs de plafond de 10-25 mm; surface thermolaquée; jusqu'à $\varnothing 600$ mm montage sans outil avec fermeture par ressort à dé clic; revêtement hautement réfléchissant sur la platine pour une meilleure efficacité énergétique; cache PMMA, à éclairage parfaitement homogène, satiné ou microprismatique; LED économes en énergie à restitution de couleur élevée; convertisseur externe pour fente plafond, câblage continu adapté

Quickinfo

3000K, 4000K
CRI ≥ 80 , 3 SDCM
UGR ≤ 19 / $65^\circ \leq 3000$ cd/m²
up to 145 lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, microprismatic (UGR ≤ 19)

Types



Colour



Light distribution



direct

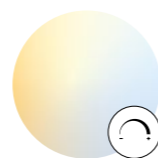


Data Monitoring

DiiA® standards
251, 252, 253



DIN EN 12464-1
UGR ≤ 19



tunable white
2700-6500K

Order options

COLOUR TEMPERATURE ☰
3000K 5
4000K 6

CONTROL ⬆
non DIM 1
DALI-2 3

MATERIAL COLOUR

pure white RAL 9010

LIGHT OPTIC COVER

opal O
 microprismatic (UGR ≤ 19) K

Options on request

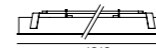
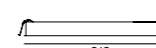
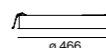
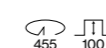
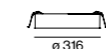
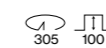
COLOUR RENDERING INDEX
CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700-6500K (2x DALI)

EMERGENCY LIGHT

1h accupack
3h accupack



COMBO 300 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
10.1W	3000K	993 lm	064-1031::7
	4000K	1050 lm	

COMBO 450 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.7W	3000K	2050 lm	064-1041::7
	4000K	2170 lm	

COMBO 600 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31W	3000K	4020 lm	064-1051::7
	4000K	4250 lm	

COMBO 900 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
58W	3000K	7440 lm	064-1071::37
	4000K	7880 lm	

COMBO 1200 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
92W	3000K	12610 lm	064-1081::37
	4000K	13350 lm	

Accessories

MOUNTING RING FOR ACOUSTIC CEILING

TYPE	ORDER CODE
COMBO 300	064-1906300
COMBO 450	064-1906400
COMBO 600	064-1906500
COMBO 900	064-1906700
COMBO 1200	064-1906800

LUMINOUS FLUX value calculated for
CRI ≥ 80 , colour white, cover opal

Raiffeisenbank Gmunden Salzkammergut, AT –
by INNOCAD Architektur ZT



Hargassner Energy World Linz, AT –
by architekten berger.hofmann og & tech3
Projektentwicklung GmbH with lighting design
by AREA C.I.DESIGN GmbH



Timeless perfection

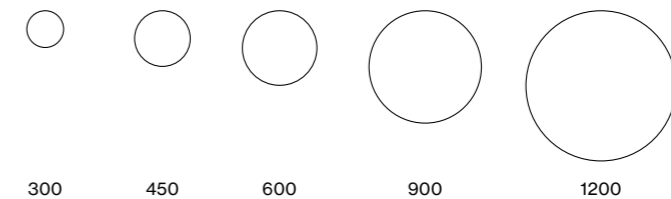


VELA

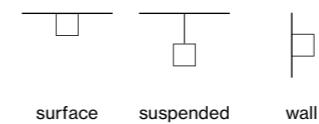
EN As one of XAL's first round luminaires, VELA has been perfected over the years. Innovative technology hides behind its flat, minimalistic design. VELA surface can be wall or ceiling mounted. The suspended version has either a classic cable suspension or a chrome-plated pendulum tube suspension that can be shortened. To adapt to a variety of interior designs, VELA is available in an extensive colour palette and in the light colours 3000K, 4000K, or Tunable White (2700K–6500K) on request. A microprismatic cover is ideal for workstations. An opal cover provides homogeneous basic lighting. An optional direct/indirect beam characteristic illuminates the ceiling and creates ambience.

FR VELA a été l'un des premiers luminaires ronds de XAL et a constamment été perfectionné au fil des années. Dans son design plat et minimaliste se cache une technologie innovante. Tandis que VELA Surface est adapté au montage mural ou au plafond, la variante suspendue est disponible avec un fil de suspension classique ou un tube de suspension chromé, individuellement sécable. Afin de pouvoir s'adapter à une grande variété de designs d'intérieur, VELA est disponible dans une large gamme de couleurs et dans les températures de couleurs 3000K, 4000K ou Tunable White (2700K–6500K). Avec un diffuseur microprismatique, VELA est destiné à l'éclairage d'un poste de travail, avec un diffuseur opale, il fournira un éclairage de base homogène. Une caractéristique de rayonnement direct/indirect disponible en option illumine le plafond et crée une belle atmosphère.

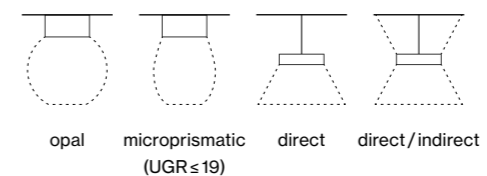
Types



Mountings



Light distributions



back



VELA

surface

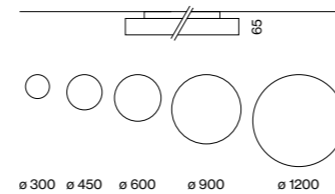
EN Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface powder coated; quick mounting system without tools; highly reflective coating of the PCB for improved efficiency; completely homogeneously illuminated, satinised PMMA cover; up to ø600mm: microprismatic PMMA cover; either with direct or direct/indirect light distribution; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

FR Corps de luminaire rond en aluminium, profil roulé, soudé sans trace visible ; surface thermolaquée ; système de montage rapide, sans outil ; revêtement hautement réfléchissant sur la platine pour une meilleure efficacité énergétique ; cache PMMA, à éclairage parfaitement homogène, satiné ; jusqu'à ø600 mm : cache PMMA microprismatique ; au choix avec caractéristique de rayonnement direct ou direct/indirect ; LED économes en énergie à restitution de couleur élevée ; luminaire avec 2 ouvertures câblage et borne enfichable pour câblage passant

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 153 lm/W
 L90 @ 50 000 h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

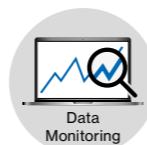
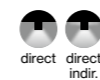
Types



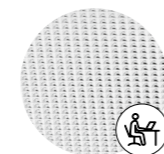
Colours



Light distributions



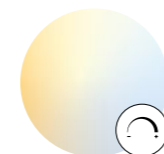
DiiA® standards
 251, 252, 253



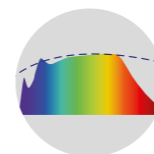
DIN EN 12464-1
 UGR ≤ 19



easy mounting
 (click-system)



tunable white
 2700–6500K



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8
● special colours p.992	X

LIGHT OPTIC COVER	
opal high performance	O
microprismatic (UGR ≤ 19)	K

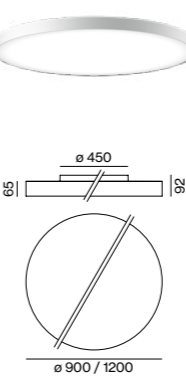
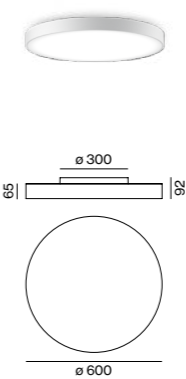
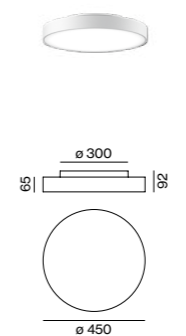
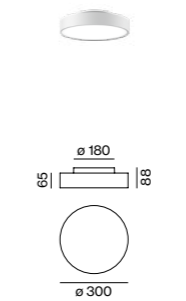
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

EMERGENCY LIGHT	
1h accupack	
3h accupack	
not available for VELA 300	

LUMINOUS FLUX value calculated for 4000K, CRI ≥ 80, colour white, cover opal 3000K -5%



VELA 300 surface



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
10.1W	1050lm	073-1131::3
16.5W	1800lm	073-1132::3

DIRECT/INDIRECT SOFT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
10.1W	↓ 1110/↑ 54lm	073-1137::3
16.5W	↓ 1900/↑ 92lm	073-1138::3

VELA 450 surface



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
16.7W	2170lm	073-1141::3
30W	3620lm	073-1142::3

DIRECT/INDIRECT SOFT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
16.7W	↓ 2140/↑ 84lm	073-1147::3
30W	↓ 3580/↑ 140lm	073-1148::3

VELA 600 surface



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
31W	4250lm	073-1151::3
42W	5600lm	073-1150::3
48W	6290lm	073-1152::3

DIRECT/INDIRECT SOFT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
31W	↓ 4220/↑ 118lm	073-1157::3
42W	↓ 5560/↑ 155lm	073-1156::3
48W	↓ 6250/↑ 174lm	073-1158::3

VELA 900 ceiling



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
71W	9520lm	073-1171::3

VELA 1200 ceiling



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
147W	20600lm	073-1181::3

Accessories

TYPE	ORDER CODE
dismounting tool (for ø600/900/1200)	073-1100000

Optician and Eyeware Külling
St. Gallen, CH –
by HEIKAUS Concept GmbH





VELA

suspended

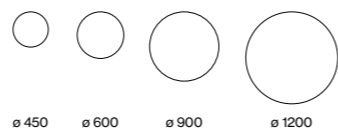
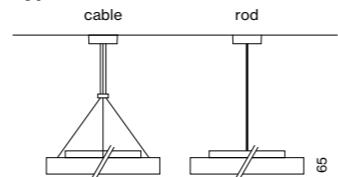
EN Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface powder coated; suspended; with integrated tool-less suspension height adjustment; incl. transparent feed or with height adjustable rod suspension (chrome), feed in rod; highly reflective coating of the PCB for improved efficiency; completely homogeneously illuminated, satinised PMMA cover; either with direct or direct/indirect light distribution; indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

FR Corps de luminaire rond en aluminium, profil roulé, soudé sans trace visible ; surface molaquée ; suspendu ; réglage en hauteur sans outil au luminaire ; incl. conduit d'alimentation transp ou avec suspension pouvant être raccourcie (chrome), conduit d'alimentation dans le tube de suspension ; revêtement hautement réfléchissant sur la platine pour une meilleure efficacité énergétique ; cache PMMA, à éclairage parfaitement homogène, satiné ; jusqu'à ø600 mm : cache PMMA microprismatique ; au choix avec caractéristique de rayonnement direct ou direct/indirect ; partie indirecte avec platines dédiées pour un flux lumineux accru et un éclairage maximal du plafond ; LED économes en énergie à restitution de couleur élevée ; cache-piton avec 2 orifices de câblage et cllp de fixation pour câblage continu

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 153 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

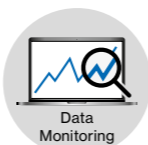
Types



Colours



Light distributions



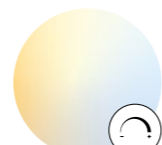
DiiA® standards
 251, 252, 253



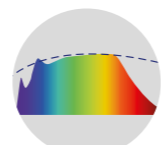
DIN EN 12464-1
 UGR ≤ 19



direct/indirect
 illumination



tunable white
 2700–6500K



CRI ≥ 98
 XPECTRUM

Order options

SUSPENSION
 cable 1500mm 2
 rod 1000mm 4

COLOUR TEMPERATURE
 3000K 5
 4000K 6

CONTROL
 non DIM 1
 DALI-2 3

MATERIAL COLOUR
 pure white RAL 9010 7
 white aluminium RAL 9006 G
 jet black RAL 9005 8
 special colours* p. 992 X
 *canopy always in white

LIGHT OPTIC COVER
 opal high performance O
 microprismatic (UGR ≤ 19) K

Options on request

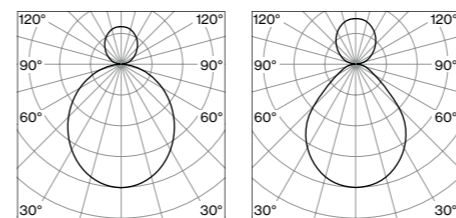
COLOUR RENDERING INDEX
 CRI ≥ 90
 CRI ≥ 98 XPECTRUM

SUSPENSION
 rod 2000mm

COLOUR TEMPERATURE
 tunable white 2700–6500K
 DALI-2 DT8

EMERGENCY LIGHT
 1h accupack
 3h accupack

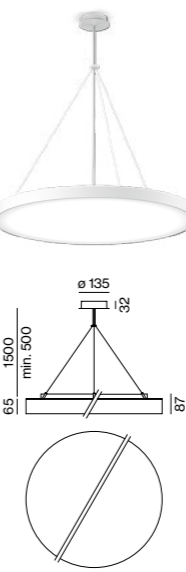
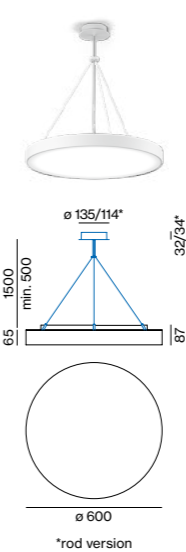
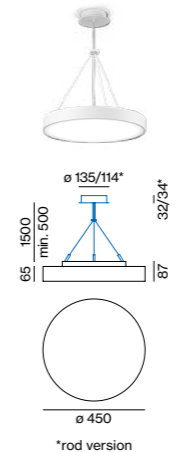
Light distributions



opal high performance
 direct/indirect power

microprismatic
 direct/indirect power

LUMINOUS FLUX value calculated for
 4000K, CRI ≥ 80, colour white, cover opal
 3000K -5%



VELA 450 suspended



DIRECT		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	16.7W	2170lm		073-1	41
	30W	3620lm		073-1	42



DIRECT / INDIRECT POWER		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	21.1W	↓ 2070 / ↑ 812lm		073-1	44
	35W	↓ 3250 / ↑ 1270lm		073-1	45

VELA 600 suspended



DIRECT		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	31W	4250lm		073-1	51
	42W	5600lm		073-1	50
	48W	6290lm		073-1	52



DIRECT / INDIRECT POWER		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	45W	↓ 4350 / ↑ 1970lm		073-1	54
	68W	↓ 6290 / ↑ 2850lm		073-1	55

VELA 900 suspended



DIRECT		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	71W	9520lm		073-1	271



DIRECT / INDIRECT POWER		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	96W	↓ 9520 / ↑ 4670lm		073-1	274

VELA 1200 suspended



DIRECT		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	147W	20600lm		073-1	281



DIRECT / INDIRECT POWER		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	185W	↓ 20600 / ↑ 6060lm		073-1	284

Hostpoint AG
Rapperswil-Jona, CH –
by Büronauten AG



MASCHAGENCY GmbH & Co. kg
Munich, DE – by Gruschwitz GmbH



Sparkasse Berlin, DE –
by blocher partners



For heavy-duty use

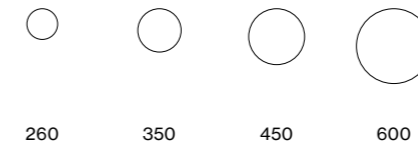


SONO

EN The SONO family of circular luminaires was created especially for heavy-duty use. It has increased dust and insect protection (IP50), and is characterised by an all-round robust housing (IK07). In addition, the SONO IP54 offers increased moisture protection. The SONO Flex recessed luminaire can be recessed or fixed in two positions by employing the Jut-Out function. This can minimise the contrast between the luminaire and ceiling, or change the appearance in the room. As a mounted luminaire, SONO ensures homogeneous ambient illumination thanks to its narrow frame and opal cover. All versions are available in the light colours 3000K, 4000K, or Tunable White.

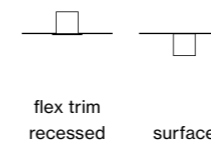
FR La gamme de luminaires ronds SONO a été spécialement conçue pour les utilisations exigeantes. Elle offre une protection accrue contre la poussière et les insectes (IP50) et se démarque par son boîtier robuste de tous les côtés (IK07). Qui plus est, le SONO IP54 est mieux protégé contre l'humidité. Le luminaire à encastrer SONO Flex peut être encastré ou, grâce à la fonction Jut Out, monté en saillie dans deux positions : idéal pour réduire au minimum le contraste entre le luminaire et le plafond ou pour transformer l'apparence dans la pièce. En version apparente, SONO produit un éclairage d'ambiance harmonieux grâce à un cadre fin et à un diffuseur opale. Toutes les variantes sont disponibles dans les températures de couleur 3000K, 4000K ou Tunable White.

Types



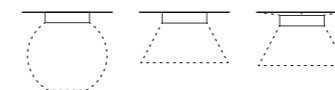
260 350 450 600

Mountings



flex trim
recessed surface

Light distributions



opal direct direct/indirect

Jut-Out

EN The SONO Flex recessed luminaire can assume two positions: recessed into the ceiling or protruding through its Jut-Out function. This allows a change of its effect in a room and the luminaire can either be accentuated or visually blended into the surroundings.

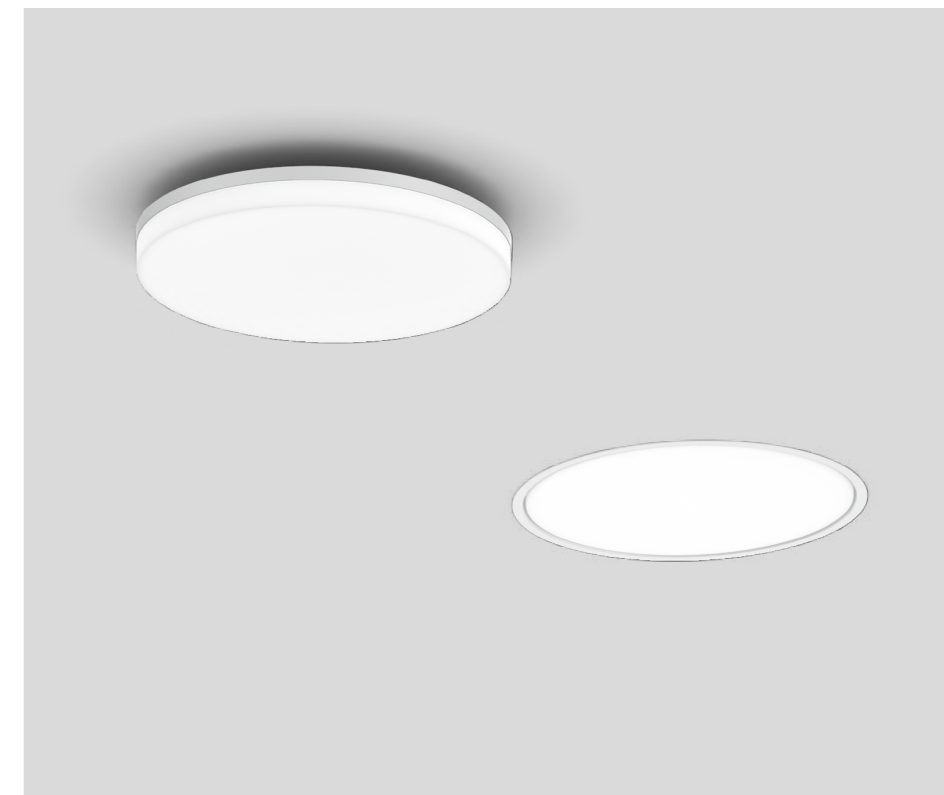
FR Le luminaire à encastrer SONO Flex peut être monté dans deux positions : encastré dans le plafond ou, grâce à la fonction Jut-out, en saillie. Il est ainsi possible d'en modifier l'effet visuel soit en le faisant ressortir, soit en l'intégrant à l'esthétique de la pièce.



Homogenous quality

EN As a recessed luminaire, SONO blends harmoniously into the ceiling. Thanks to its narrow frame and opal cover, the SONO surface-mounted version provides soft, homogeneous ambient light.

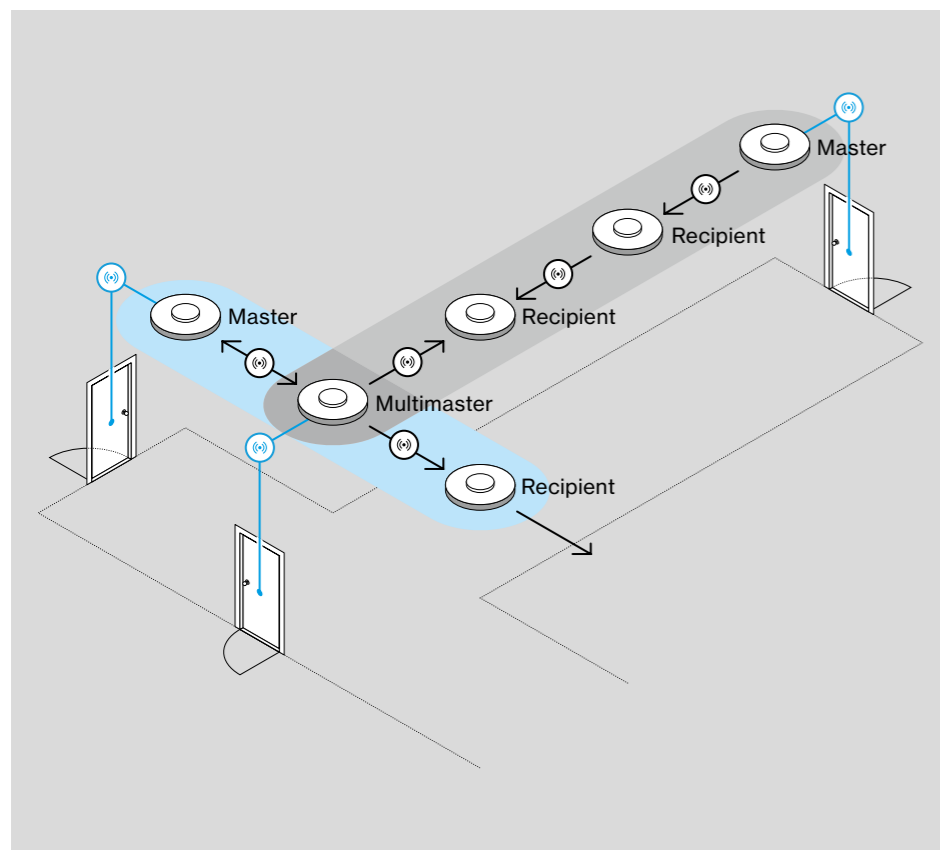
FR En tant que luminaire à encastrer, SONO s'intègre harmonieusement dans le plafond. En version apparente, SONO diffuse un éclairage d'ambiance des plus harmonieux grâce à un cadre fin et à un diffuseur opale.



Smart controls

EN Thanks to an implemented Radar Control System (RCS), SONO reacts to lighting conditions and movements in its vicinity. Brightness and presence sensors wirelessly adjust the light output. The corridor function registers an individual and successively switches luminaires on and off, depending on the direction in which they are moving.

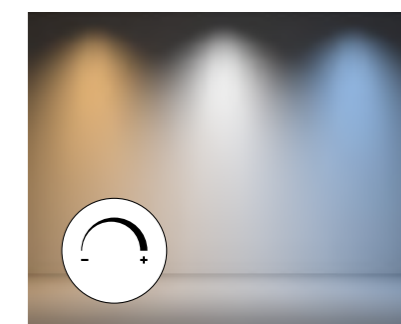
FR Doté d'un système de commande radar (RCS) intégré, SONO est capable de réagir aux conditions de luminosité et aux mouvements à l'intérieur du périmètre. Des capteurs de luminosité ou de présence ajustent sans fil la lumière aux circonstances. La fonction de couloir détecte une personne puis, en fonction du sens dans lequel elle se déplace, allume et éteint successivement les luminaires.



Robust housing

EN The SONO family of circular luminaires was created especially for heavy-duty use. It has increased dust and insect protection (IP 50), and is characterised by an all-round robust housing (IK 07).

FR La gamme de luminaires ronds SONO a été spécialement conçue pour les utilisations exigeantes. Elle offre une protection accrue contre la poussière et les insectes (IP 50) et se démarque par son boîtier robuste de tous les côtés (IK 07).

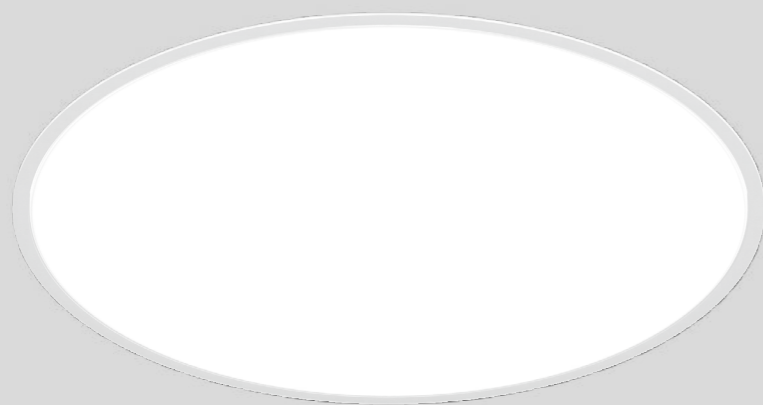


TW – Tunable White

EN Changes in the colour of light have a substantial effect on our mood. Tunable White allows the colour temperature to be continuously adjusted from 2700 K (warm light) to 6500 K (cool light) to dynamically adapt the lighting to the time of day or ambient brightness.

FR Les variations de la température de couleur ont un puissant effet sur notre humeur. Tunable White permet le passage en continu de la température de couleur de 2700K (lumière chaude) à 6500K (lumière froide), afin d'adapter l'éclairage de manière dynamique à l'heure ou à la luminosité ambiante.

back



SONO flex

recessed with trim

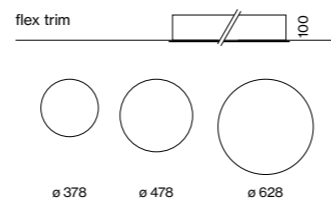
EN Round recessed luminaire in aluminium, consisting of (SONO) light housing and recessed housing; housing with trim suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25 mm; optionally: installation in concrete ceilings with a special installation housing (available as an accessory); surface powder coated; luminaire installs in housing without tools optionally flush or protruding by 25 mm; completely homogeneously illuminated, satinised PMMA cover; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

FR Luminaire rond encastré en alu, composé de corps de luminaire (SONO) et boîtier d'encast. ; boîtier avec bord continu convient pour un encastrement en plafonds en placoplâtre ; convient aux épaisseurs de plafond de 10-25 mm ; en option : encastrement dans plafonds en béton au moyen d'un boîtier d'installation pour le béton (disponible comme accessoire) ; surface thermolaquée ; Luminaire encastrable sans outil dans boîtier au choix en affleurement dans le plafond ou saillant sur 25 mm ; cache PMMA, à éclairage parfaitement homogène, satiné ; luminance identique pour toutes les variantes de taille ; LED économes en énergie à restitution de couleur élevée ; luminaire avec 2 ouvertures câblage et borne enfichable pour câblage passant

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 133lm/W
L90 @ 50 000h
non DIM, DALI-2
opal cover
IP50

Types



Colour



Light distribution



Order options

IP RATING

IP50

COLOUR TEMPERATURE

3000K 5
4000K 6

CONTROL

non DIM 1
DALI-2 3

MATERIAL COLOUR

○ pure white RAL 9010

LIGHT OPTIC COVER

opal

Options on request

COLOUR RENDERING INDEX


CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700–6500K

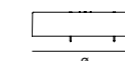
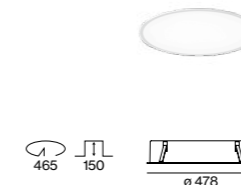
DALI-2 DT8

CONTROL

RCS Master RCS Slave 

EMERGENCY LIGHT

3h accupack



SONO FLEX 350 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15.9W	3000K	1940lm	063-3238::70
	4000K	2060lm	

SONO FLEX 450 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
23.2W	3000K	2850lm	063-3248::70
	4000K	3010lm	

SONO FLEX 600 trim



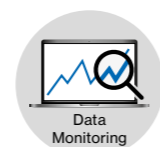
DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
43W	3000K	5410lm	063-3258::70
	4000K	5730lm	

Accessories

CONCRETE INSTALLATION HOUSING

TYPE	Ø-H (mm)	ORDER CODE
SONO FLEX 350	364-107	063-2238100
SONO FLEX 450	464-107	063-2248100
SONO FLEX 600	614-107	063-2258100



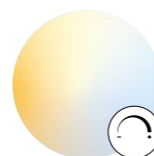
DiiA® standards
251, 252, 253



flexible jut out
0 or 25 mm



dust and insect
protection (IP50)



tunable white
2700–6500K

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal



Volksschule Erlaaer Schleife
Vienna, AT – by ARGE Architekten
Kronaus – Mitterer/Vasko & Partner



back



SONO IP50/IP54

surface

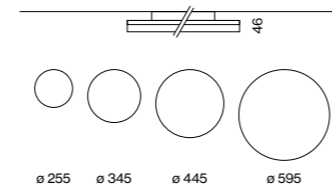
EN Round luminaire housing in die-cast aluminium; surface powder coated; suitable for wall or ceiling mounting; completely homogeneously illuminated, satinised PMMA cover; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

FR Corps de luminaire rond en fonte d'aluminium injectée ; surface thermolaquée ; convient au montage mur ou plafond ; cache PMMA, à éclairage parfaitement homogène, satiné ; luminance identique pour toutes les variantes de taille ; LED économes en énergie à restitution de couleur élevée ; luminaire avec 2 ouvertures câble et borne enfichable pour câblage passant

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 143lm/W
L90 @ 50 000h
non DIM, DALI-2
opal cover
IP 40, IP 50, IP 54

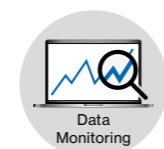
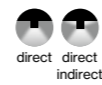
Types



Colour



Light distributions



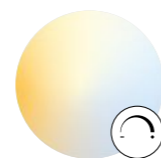
DiiA® standards
251, 252, 253



easy mounting by
click-mechanism



dust and insect
protection (IP 54)



tunable white
2700–6500K

Order options

IP RATING
IP50 0
IP54 8

COLOUR TEMPERATURE
3000K 5
4000K 6

CONTROL
non DIM 1
DALI-2 3

EMERGENCY LIGHT
3h accupack* N L 3
*not for IP54

MATERIAL COLOUR

pure white RAL 9010

LIGHT OPTIC COVER

Options on request

COLOUR RENDERING INDEX
CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700–6500K

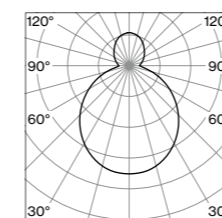
DALI-2 DT8

CONTROL

RCS Master

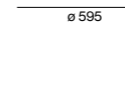
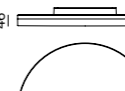
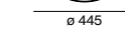
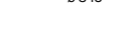
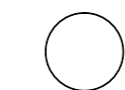
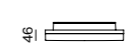
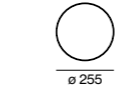
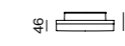
RCS Slave

Light distribution



opal
direct/indirect

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal



SONO 260 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
7.6W	3000K	950lm	071-9126::70
	4000K	1010lm	

SONO 350 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15.9W	3000K	2090lm	071-9136::70
	4000K	2210lm	

SONO 450 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
23.2W	3000K	3070lm	071-9146::70
	4000K	3250lm	



DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
34W	3000K	↓ 3290 / ↑ 1130lm	071-9148::70
	4000K	↓ 3480 / ↑ 1200lm	

SONO 600 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
43W	3000K	5830lm	071-9156::70
	4000K	6170lm	



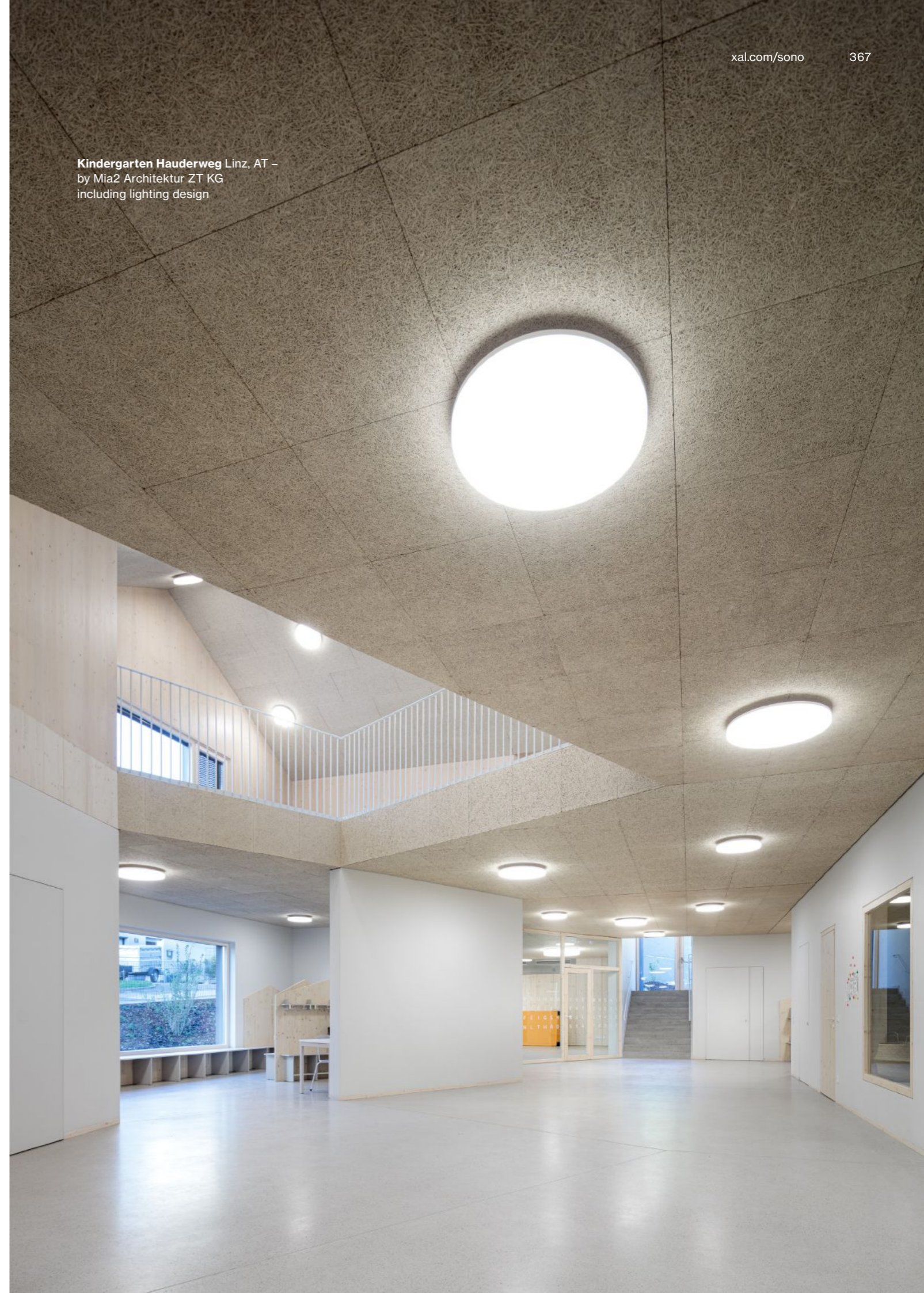
DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
67W	3000K	↓ 5830 / ↑ 2840lm	071-9158::70
	4000K	↓ 6170 / ↑ 3010lm	

Grundschule St. Martin in Gsies, IT –
by tasserball architekten



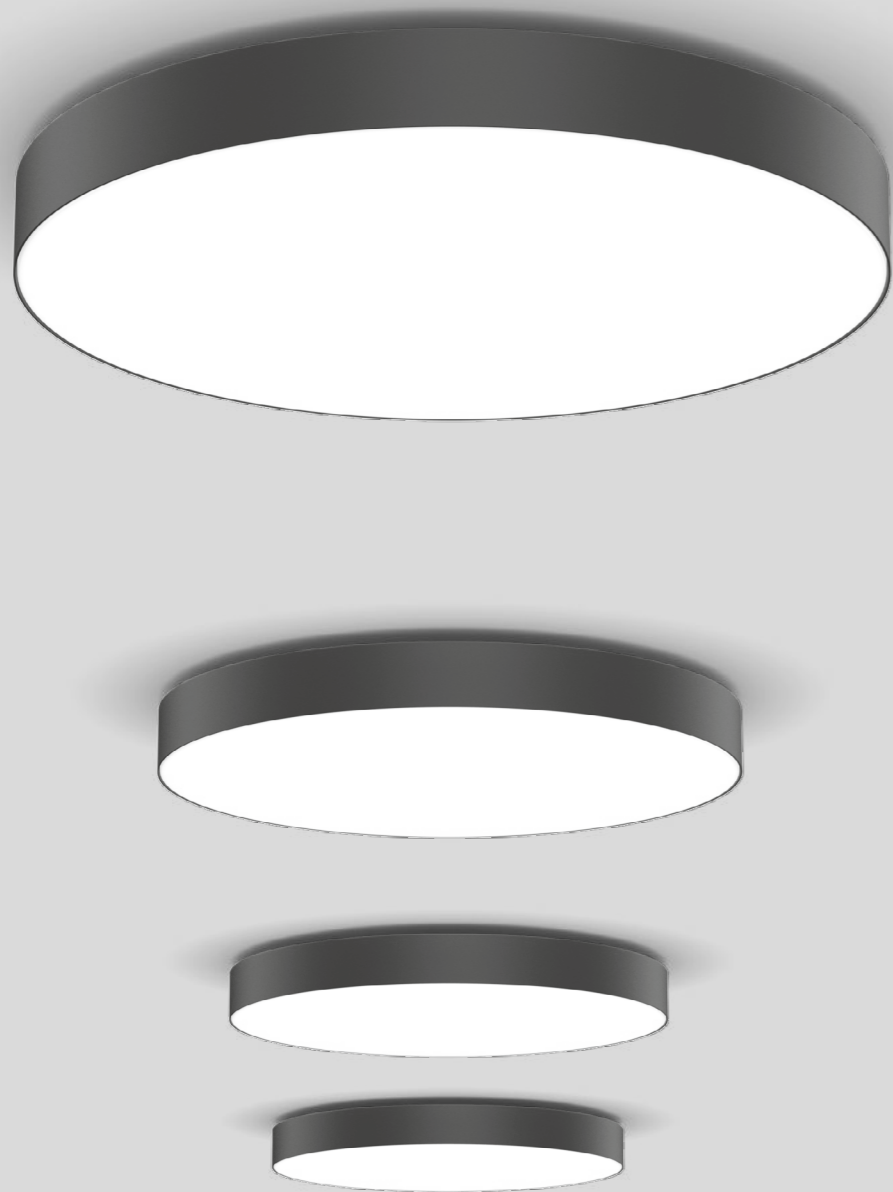
Kindergarten Hauderweg Linz, AT –
by Mia2 Architektur ZT KG
including lighting design



Primarschule Basel, CH – by
Stähelin Partner Architekten AG



back



SONO LOOP IP54

surface

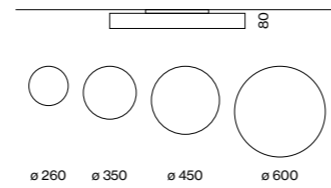
EN Round luminaire housing in die-cast aluminium; surface powder coated; fitted bezel in rolled, seamless welded aluminium profile; suitable for wall or ceiling mounting; completely homogeneously illuminated, satinised PMMA cover; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

FR Corps de luminaire rond en fonte d'aluminium injectée; surface thermolaquée; bague posée en profil d'aluminium roulé et soudé sans trace visible; convient au montage mur ou plafond; cache PMMA, à éclairage parfaitement homogène, satiné; luminance identique pour toutes les variantes de taille; LED économes en énergie à restitution de couleur élevée; luminaire avec 2 ouvertures câblage et borne enfichable pour câblage passant

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
uo to 133lm/W
L90 @ 50 000h
non DIM, DALI-2
opal cover
IK 07, IP 54

Types



Colours



Light distribution



direct

Order options

IP RATING

IP54

COLOUR TEMPERATURE

3000K 5
4000K 6

CONTROL

non DIM 1
DALI-2 3

MATERIAL COLOUR

○ pure white RAL 9010 7
● grey aluminium RAL 9007 D

LIGHT OPTIC COVER

opal

Options on request

COLOUR RENDERING INDEX

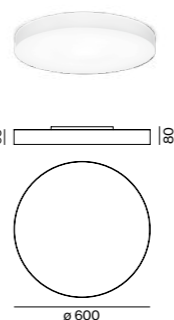
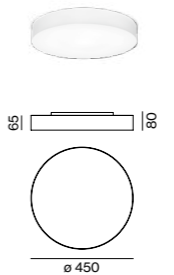
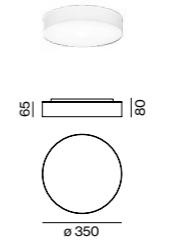
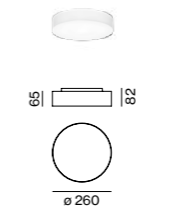
CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700–6500 K
DALI-2 DT8

CONTROL

RCS Master (☺)
RCS Slave (☺)



SONO LOOP 260 surface



IP 54 LUMINAIRE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
7.6 W	3000 K	881lm	8 7 1 - 8 1 2 6 :: ☺ ☑ ○
	4000 K	933lm	

SONO LOOP 350 surface



IP 54 LUMINAIRE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15.9 W	3000 K	1940lm	8 7 1 - 8 1 3 6 :: ☺ ☑ ○
	4000 K	2060lm	

SONO LOOP 450 surface



IP 54 LUMINAIRE

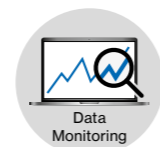
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
23.2 W	3000 K	2850lm	8 7 1 - 8 1 4 6 :: ☺ ☑ ○
	4000 K	3010lm	

SONO LOOP 600 surface



IP 54 LUMINAIRE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
43 W	3000 K	5410lm	8 7 1 - 8 1 5 6 :: ☺ ☑ ○
	4000 K	5730lm	



DiiA® standards
251, 252, 253



easy mounting by
click-mechanism



dust and insect
protection (IP 54)

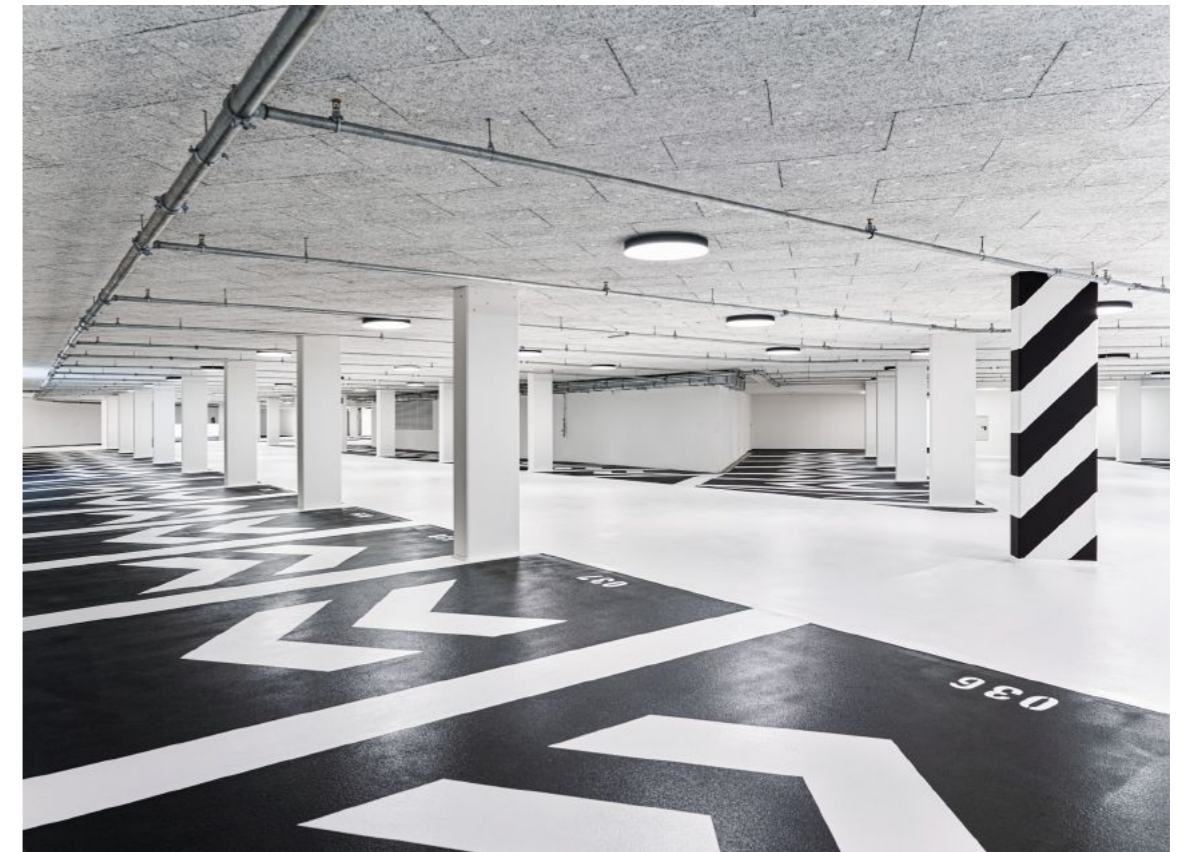


tunable white
2700–6500 K

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal



KTM House of brands
Munderfing, AT – by Hofbauer
Liebmann Architekten ZT GmbH



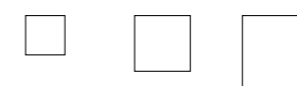
The square difference

FLOW

EN FLOW is ideal for providing light in its pure form. FLOW, whether mounted on the wall or ceiling, or in its suspended variant, has a clean design and flat dimensions. Depending on the desired lighting mood, the IP 40-protected luminaire is available at 3000 K or 4000 K. An opal cover creates a uniform and pleasant light. The surface-mounted luminaire is installed quickly and without tools via a mounting plate.

FR FLOW fournit la solution idéale à ceux qui souhaitent un éclairage dans sa forme la plus pure. Qu'il soit monté sur un mur ou un plafond ou dans sa variante suspendue, FLOW se met en retrait par son aspect sobre et ses dimensions plates. En fonction de l'effet d'éclairage souhaité, cette lampe à indice de protection IP 40 est disponible en 3000 K et en 4000 K, tandis qu'un diffuseur opale crée une lumière uniforme et agréable. Dans la version suspendue, FLOW offre un éclairage efficace du plafond grâce à sa composante supplémentaire de lumière indirecte. L'installation de ce luminaire apparent est facile et se réalise sans outil via une plaque de montage.

Types



320

450

600

Mountings



wall



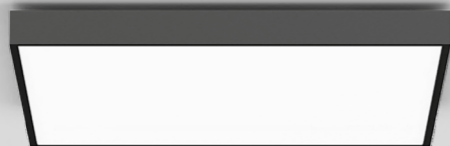
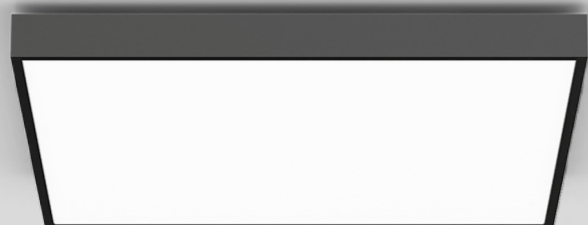
ceiling

Light distribution



opal

back



FLOW

surface

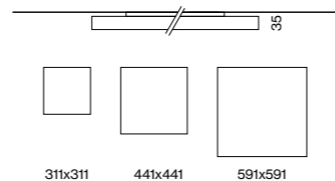
EN Square aluminium luminaire housing, flat design (luminaire housing 35 mm); surface powder coated; suitable for wall or ceiling mounting, luminaire housing set 11 mm away from wall or ceiling; convenient quick mounting system without tools; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; completely homogeneous illumination; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

FR Corps de luminaire carré en aluminium, forme plate (corps de luminaire 35 mm); surface thermolaquée; convient au montage mur ou plafond, corps de luminaire 11 mm décalé du mur ou du plafond; système de montage rapide, convivial et sans outil; distribution de lumière directe par LGP-Body (Light Guiding Prism); lumière couplée latéralement guidée vers le bas par gravure laser; guidage lumière au moyen de matériau réflecteur hautement réfléchissant; éclairage parfaitement homogène; luminance identique pour toutes les variantes de taille; LED économes en énergie à restitution de couleur élevée; luminaire avec 2 ouvertures câblage et borne enfichable pour câblage passant

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 146 lm/W
L90 @ 50 000 h
non DIM, DALI-2
opal, IP 40

Types



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8
<input type="radio"/> special colours p.992	X

LIGHT OPTIC COVER

opal

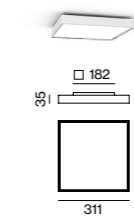
Options on request

MOUNTING

1500 mm cable suspension

COLOUR RENDERING INDEX

CRI ≥ 90

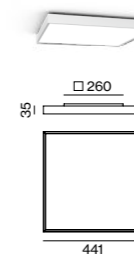


FLOW 320 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15.2 W	3000 K	2000 lm	073-0131
	4000 K	2120 lm	

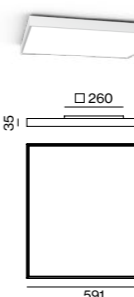


FLOW 450 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
23.9 W	3000 K	3250 lm	073-0141
	4000 K	3440 lm	



FLOW 600 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
44 W	3000 K	6060 lm	073-0151
	4000 K	6420 lm	

Accessories

TYPE	ORDER CODE
dismounting tool	073-010000



Data Monitoring

DiiA® standards
251, 252, 253



easy mounting by click-mechanism

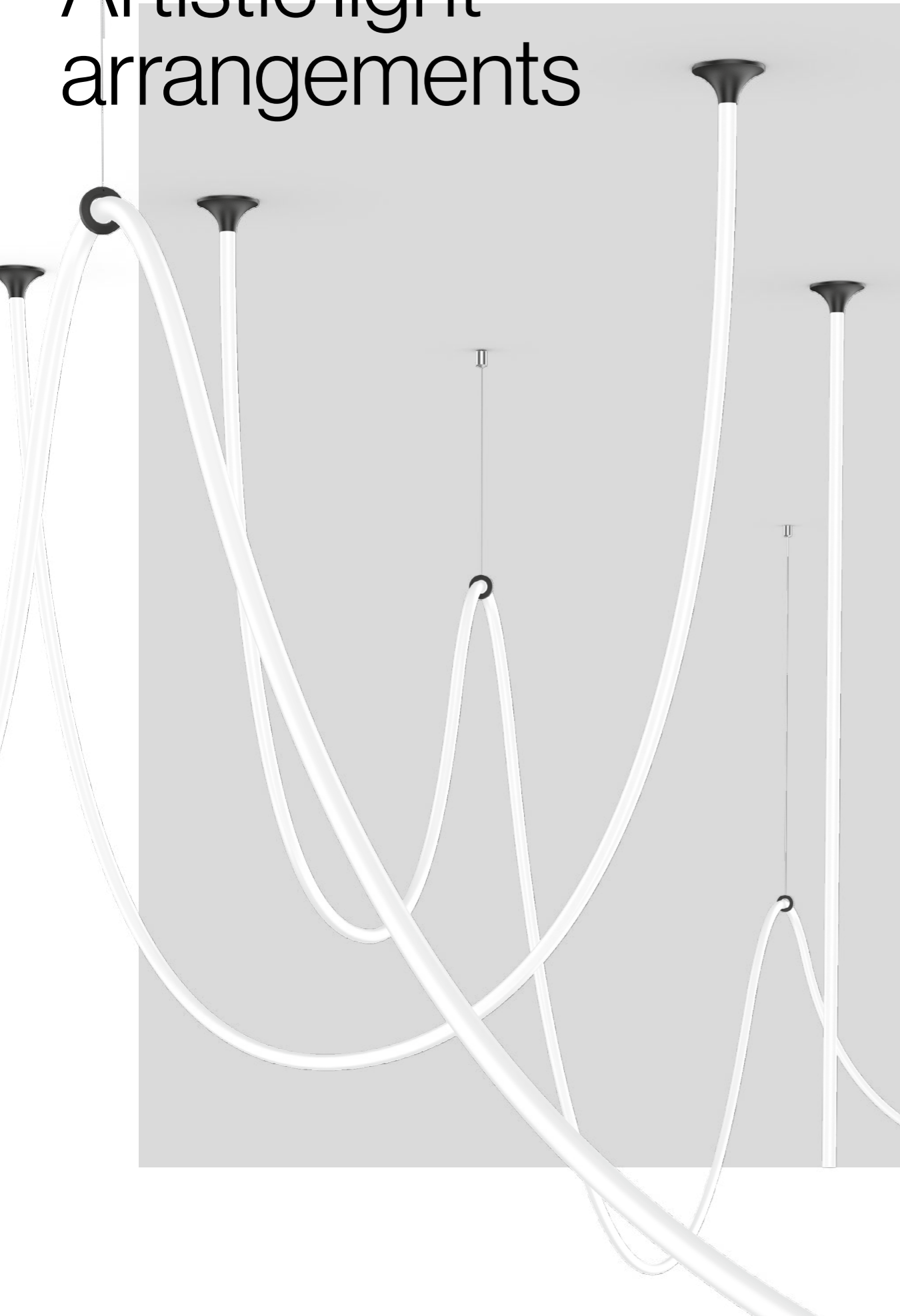
insect protection (IP 40)

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal

Businesscenter
Wels, AT –
by Riepl / Riepl



Artistic light arrangements



JANE

EN JANE gives flexibility in design a new dimension. The rope-like, highly flexible LED luminaire is made of food-safe silicone and offers complete freedom when designing creative ceiling and wall arrangements. JANE has a homogeneous light distribution, with a diameter of only 18 mm. At up to 10 metres long, it is ideal for small and large visions. The light cables can be easily arranged into custom patterns with the ceiling clips and cable holders. JANE is available in 3000 K or 4000 K light colours and, with CRI ≥ 90 , also delivers top colour rendering. This luminaire is unique because of its appearance. It is a new, highly decorative innovation from XAL – artistic and exclusive.

FR La flexibilité du design trouve une nouvelle définition avec JANE. Fabriqué en silicone, ce luminaire LED filiforme et extrêmement flexible offre une liberté totale dans la conception de compositions créatives au plafond comme aux murs. Doté d'un diamètre de seulement 18 mm, JANE offre un faisceau homogène. Sa longueur allant jusqu'à 10 mètres le rend idéal pour les petites comme pour les grandes réalisations. Les clips de plafond et les porte-fils permettent de disposer facilement les câbles d'éclairage pour créer des motifs originaux. JANE est disponible dans les couleurs de lumière 3000 K ou 4000 K et assure un très bon rendu des couleurs avec un IRC ≥ 90 . Son aspect rend ce luminaire unique : une innovation de XAL à la fois moderne et hautement décorative, rendant votre installation artistique et exclusive.

Mountings



semi-recessed

surface

suspended

Light distribution



opal



Artistic sculptures

EN JANE curves along walls and loops from ceilings thanks to its flexibility. This corded, food-grade silicone luminaire promises full lighting-design freedom. Create dynamic patterns and artistic arrangements; bring unique and harmonious motion to life.

FR JANE se balance, tout en souplesse, sur le mur et au plafond. Le luminaire filiforme en silicone permet une liberté maximale dans la conception de l'éclairage. Donnez libre cours à votre imagination pour concevoir des motifs insolites et des compositions artistiques : vous alliez originalité, mouvement et harmonie.

Mounting options

EN JANE attaches to ceilings or walls easily to fully meet your needs. The luminaire hangs in position with ceiling clips and cord holders. The suspended cord is height-adjustable without any tools. Let your design ideas run free. You can even arrange JANE perfectly linearly thanks to the special track guide.

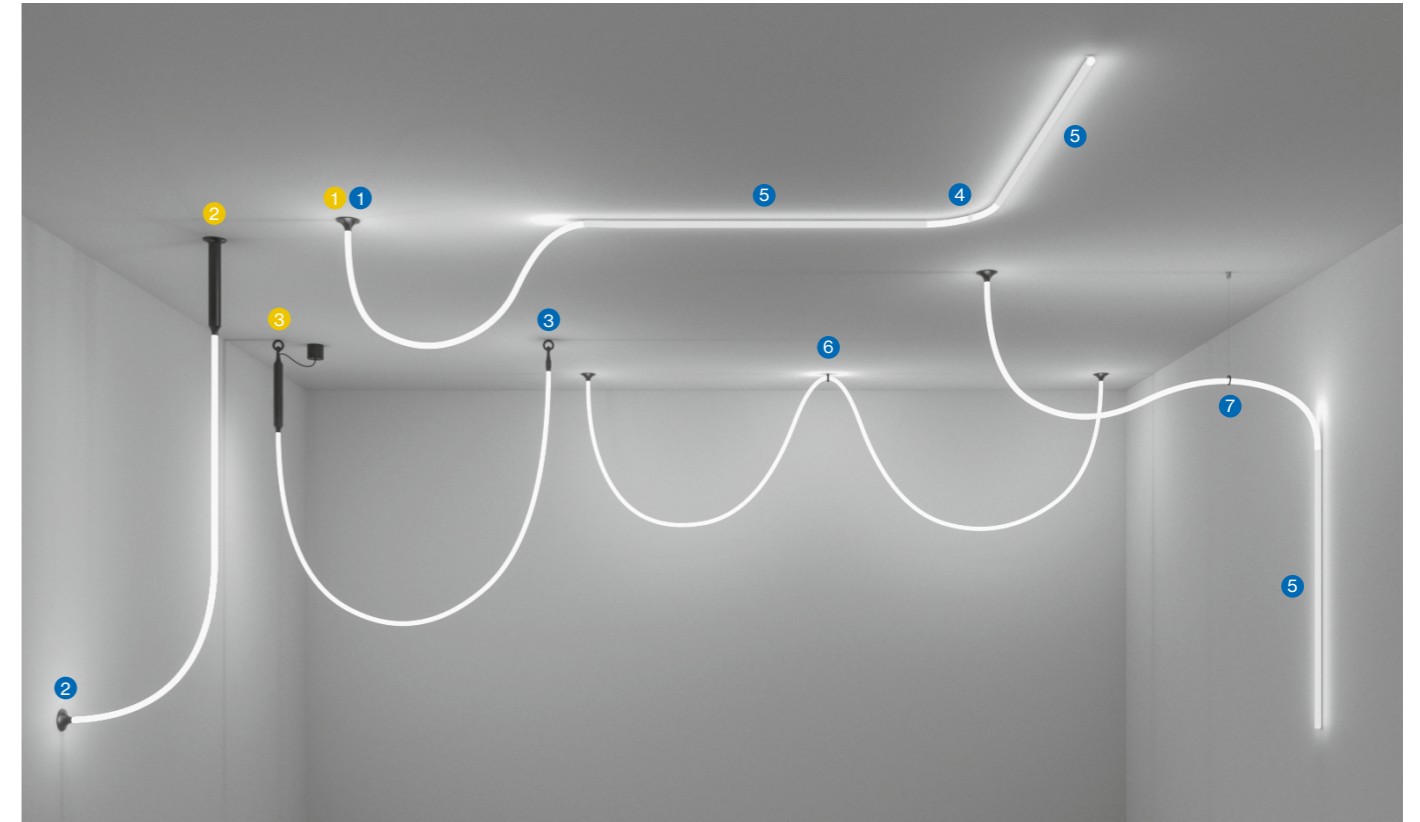
FR JANE se monte facilement et en toute autonomie au plafond ou au mur. Des clips de fixation au plafond et des porte-câbles permettent de fixer le luminaire ; quant au câble, il peut être fixé en hauteur sans aucun outil. Vous avez donc le champ libre pour concevoir de nouveaux aménagements à votre guise. Vous pouvez aussi opter pour une disposition linéaire, en disposant JANE en ligne droite le long d'un rail spécial.

Mounting accessories

- 1 mounting set recessed
- 2 mounting set surface
- 3 mounting set suspended
- 4 clip surface (transparent)
- 5 channel surface (transparent)
- 6 mounting ring surface
- 7 mounting ring suspended

Electrical accessories

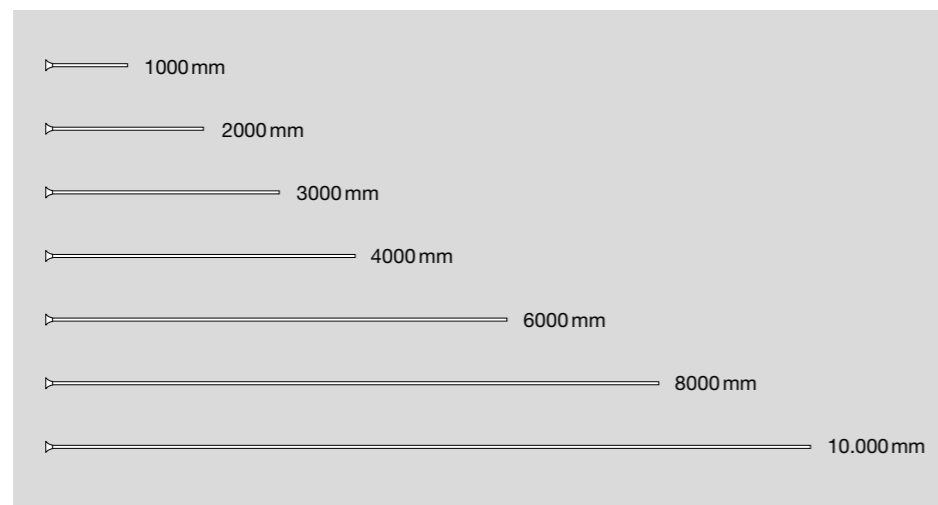
- 1 power supply recessed
- 2 power supply surface
- 3 power supply suspended



Length variety

EN How far does your vision go? JANE adapts to your project dimensions whether expansive or confined. Create light sculptures perfectly tailored to the space and the ambience in a wide range of sizes thanks to its varying light cord lengths, from 1 to 10 m.

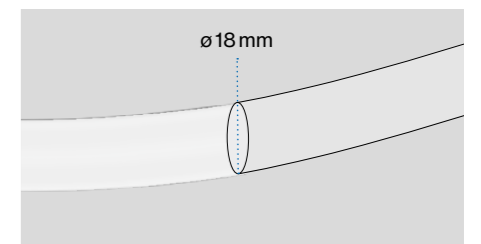
FR Quelle est l'ampleur de votre vision ? Qu'il s'agisse de grands ou de petits espaces, JANE s'adapte aux dimensions de votre projet. Les différentes longueurs de cordon lumineux disponibles, allant de 1 m à 10 m, permettent de créer des sculptures lumineuses de différentes tailles. Idéal pour s'adapter au mieux à l'espace disponible et à l'ambiance de l'environnement.



Slim and decorative

EN JANE is so much more than merely decorative. Its focussed 18 mm diameter packs enormous punch. The light cord's uniform all-round 360° beam characteristics deliver balanced illumination. Craft beautiful, swooping light sculptures and generate pleasant, homogeneous lighting wherever JANE is set.

FR Plus qu'une « simple » décoration, JANE recèle un grand potentiel dans son mince diamètre de 18 mm. Grâce à l'uniformité de son faisceau à 360°, il assure un éclairage équilibré. Ses sculptures lumineuses, loin de se contenter d'attirer le regard par leur esthétique, créent un éclairage apaisant et homogène partout où vous utilisez JANE.



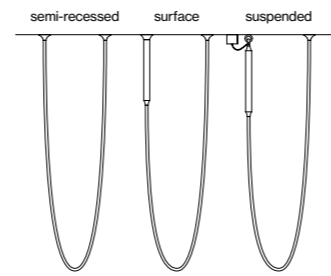
← back



Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 up to 1000lm/m
 up to 71lm/W
 L80 @ 50000h
 non DIM, DALI
 IP40

Types



∅18 x 1000-10000

Canopy colours



Light distribution

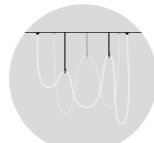


JANE

semi-recessed / surface / suspended

EN Highly flexible light rope made of food grade silicone for creative and decorative design; extremely slim design (only 18 mm diameter); for wall-/ceiling surface mounting or suspended mounting (cable suspension, height adjustment without tools); completely homogeneously illuminated, matt surface; 360° light emission; energy-efficient LEDs with very good colour rendering; optionally with external converter for ceiling installation or suspended in combination with the light rope (available as an accessory)

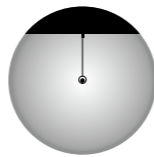
FR Câble lumineux très flexible en silicone de qualité alimentaire pour un design créatif et décoratif ; forme extrêmement élancée (seulement 18 mm de diamètre) ; pour montage en surface au mur/au plafond ou pour montage suspendu (suspension par câble, réglage de la hauteur sans outil) ; surface mate, éclairée de manière totalement homogène ; diffusion de lumière à 360° ; LED économes en énergie à restitution de couleur élevée ; convertisseur externe en option pour encastrement dans le plafond ou montage suspendu en combinaison avec le câble lumineux (disponible comme accessoire)



many mounting options



dust and insect protection (IP40)



360° light emitting

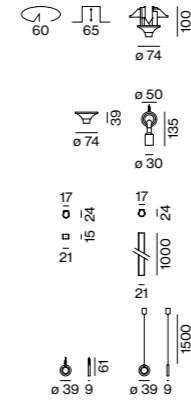
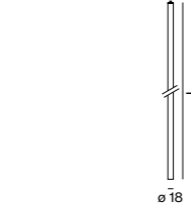
Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI	3

LENGTH	
1000 mm	1
2000 mm	2
3000 mm	3
4000 mm	4
6000 mm	6
8000 mm	8
10000 mm	0

MATERIAL COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8



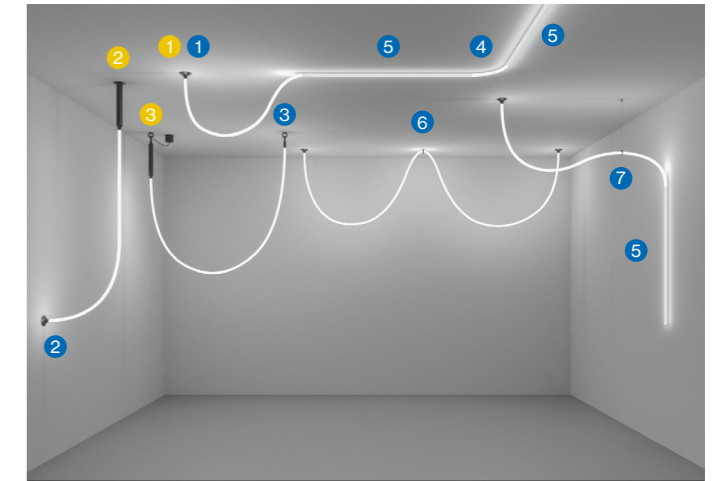
JANE semi-recessed / surface / suspended



LUMINAIRE			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14.4W/m	3000K	812lm/m	058-651 L::10
	4000K	1000lm/m	

Mounting accessories

MOUNTING ACCESSORIES		
TYPE	L-W-H (mm)	ORDER CODE
1 mounting set recessed	∅74-100	058-659021
2 mounting set surface	∅74-39	058-659101
3 mounting set suspended	∅50/30-135	058-659201
4 clip surface (transparent)	15-21-24	058-6591410
5 channel surface (transparent)	1000-21-24	058-6591110
6 mounting ring surface	∅39-9-61	058-659161
7 mounting ring suspended	∅39-9	058-659261



various mounting options with different mounting accessories

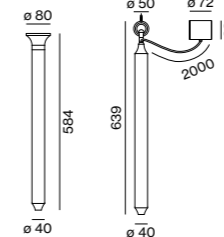
Electrical accessories

1 POWER SUPPLY RECESSED 220-240V AC, 48V, 50-60Hz			
TYPE		L-W-H (mm)	ORDER CODE
100W recessed	PC II	350-30-18	002-62134
150W recessed	PC II	350-30-18	002-62135
60W revision opening	PC II	163-43-32	002-62133
100W revision opening	PC II	350-30-18	002-62134
150W revision opening	PC II	350-30-18	002-62135
250W revision opening	PC II	400-40-22	002-62139
320W revision opening	PC I	252-90-44	002-60320
DALI device		120-30-22	058-6599330

2 POWER SUPPLY SURFACE 220-240V AC, 48V, 50-60Hz			
TYPE		L-∅ (mm)	ORDER CODE
100W surface	PC II	584-∅40	058-65912
150W surface	PC II	584-∅40	058-65913

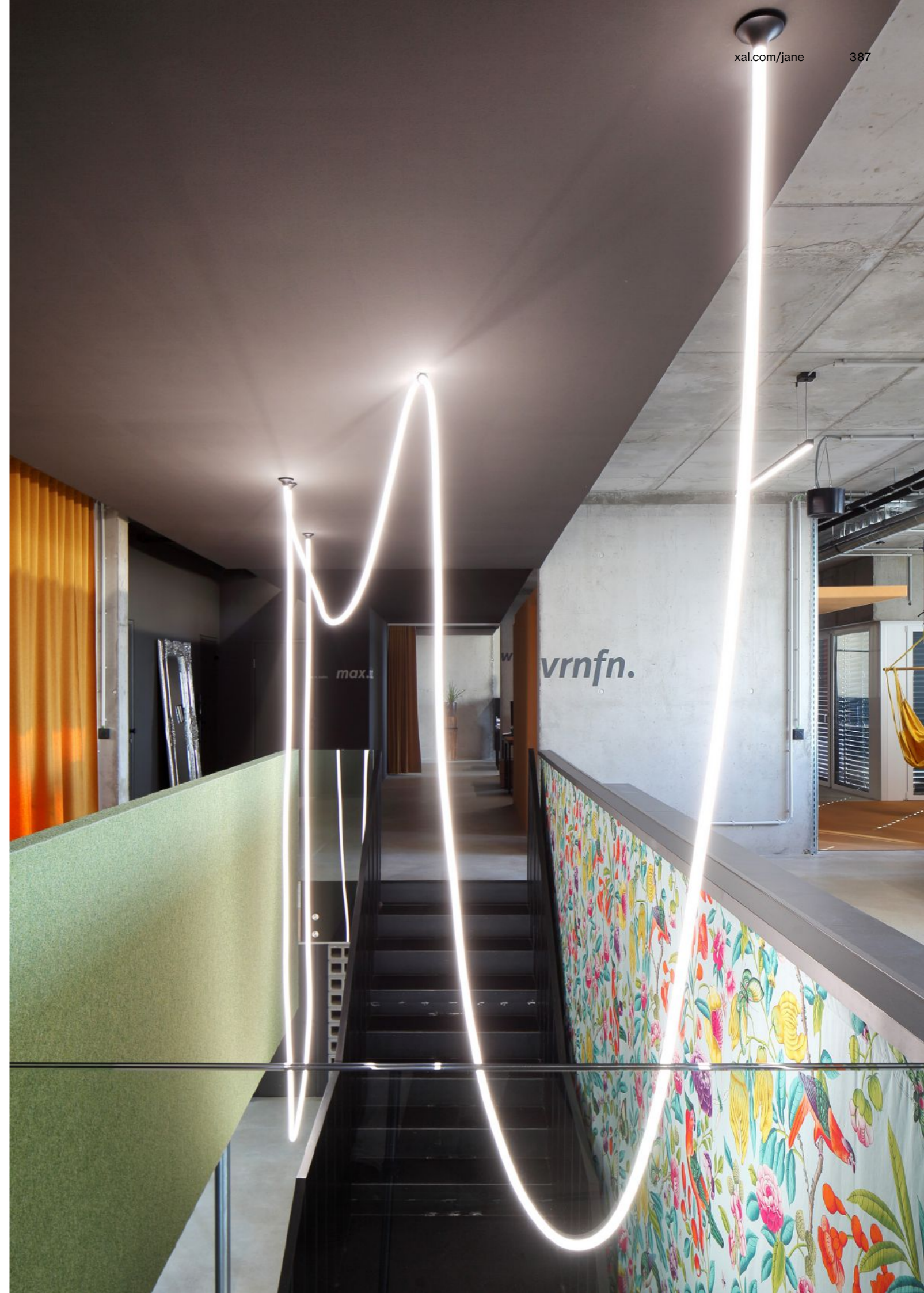
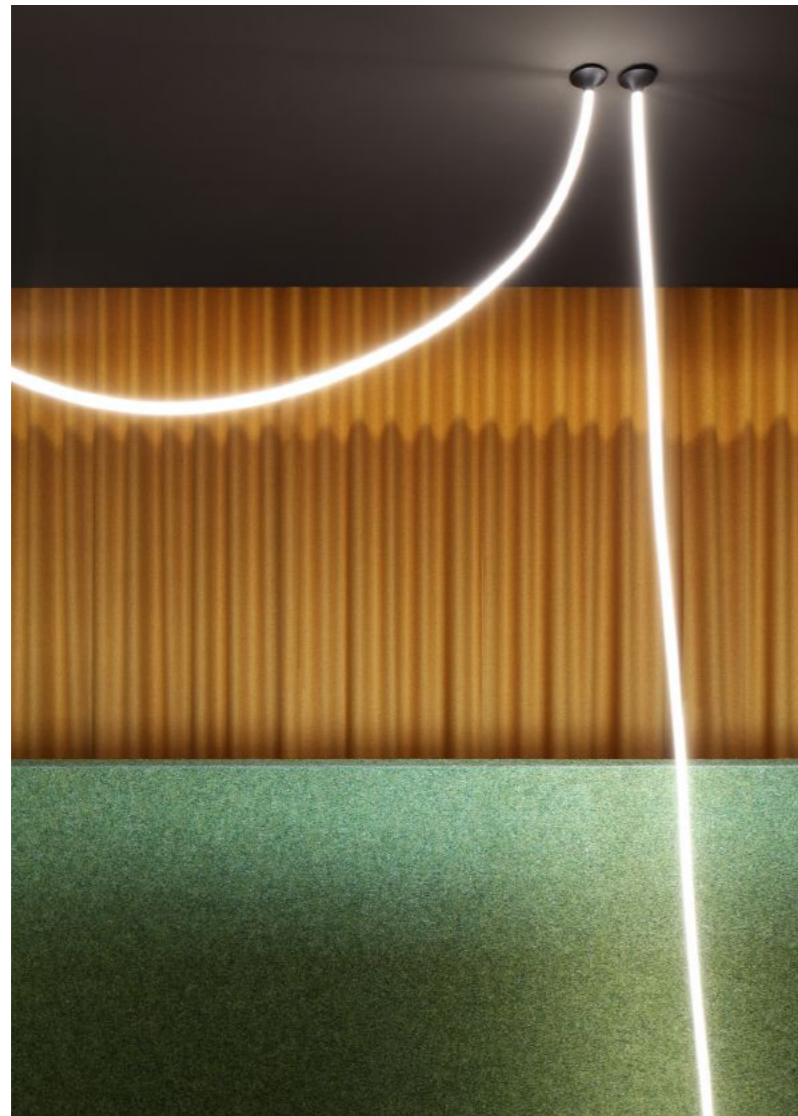
3 POWER SUPPLY SUSPENDED 220-240V AC, 48V, 50-60Hz			
TYPE		L-∅ (mm)	ORDER CODE
100W suspended	PC II	639-∅40	058-65922
150W suspended	PC II	639-∅40	058-65923

incl. ceiling canopy and 2000mm power cable



LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, rope silicone

Upart Werbung & Kommunikation GmbH Linz-Urfahr, AT –
by MOSER UND HAGER Architekten ZT GmbH





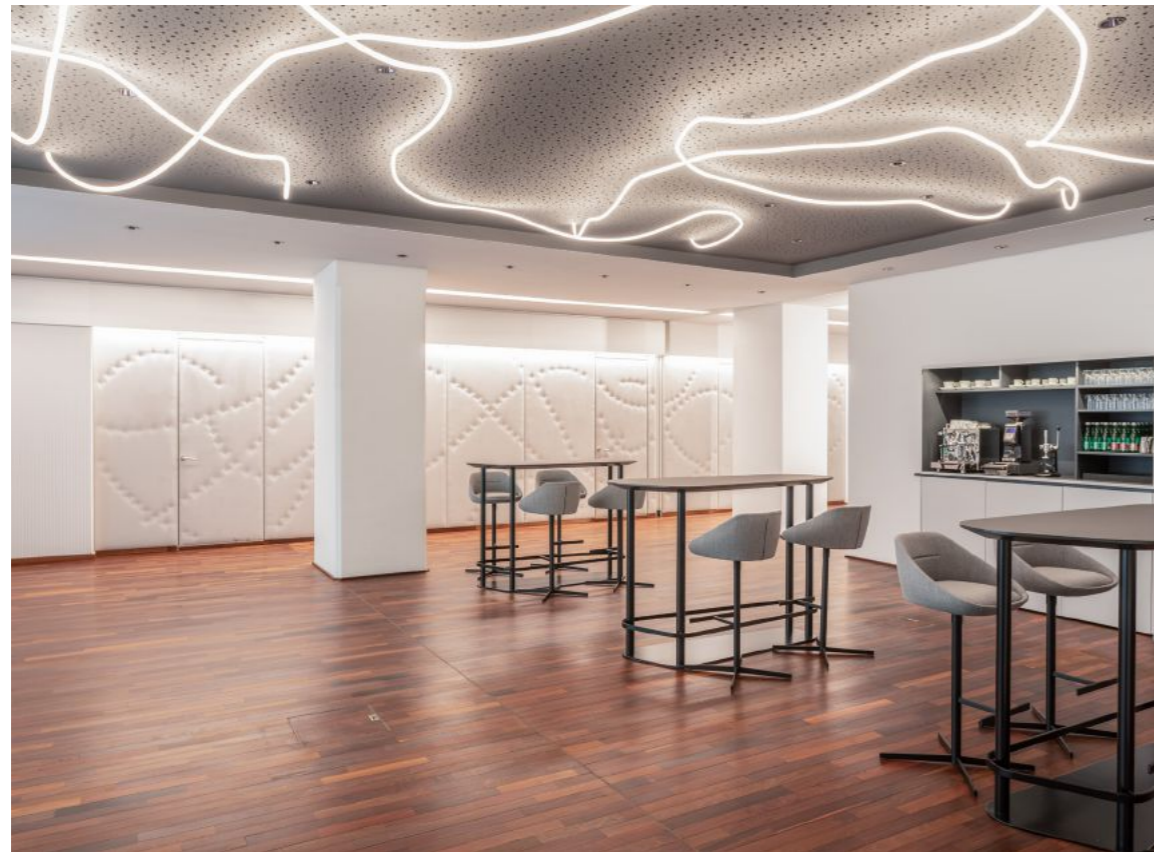
The Raum Bolzano, IT –
by bergundtal gmbh.



Office Greenhouse Gent, BE –
by Boîte, Interieur & concept architecten



**Binder Grösswang Rechtsanwälte
GmbH** Vienna, AT – by The Black
Square Planungsbüro GmbH



Effective at work



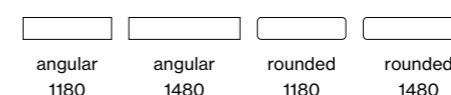
DESO

EN A classic office luminaire that meets all requirements without being obtrusive. DESO convinces through its fantastic simple, rectangular shape. It can come with rounded corners or angular design.

Thanks to its microprismatic cover, it provides excellent workplace lighting, delivers optimum glare control of $UGR \leq 19$, and is suitable for single and double workstations. The discreet indirect light distribution creates a pleasant, homogeneous ceiling illumination. An optional brightness and presence sensor automatically adjusts the lighting to the ambient brightness in the office.

FR Un luminaire de bureau classique qui répond à toutes les exigences, sans pourtant s'imposer : DESO séduit par sa forme sobre, rectangulaire – au choix en version avec arêtes ou avec des coins arrondis - et son design plat. Grâce au diffuseur microprismatique, il crée un excellent éclairage de poste de travail, offre un effet anti-éblouissant optimal conformément à l' $UGR \leq 19$ et est approprié pour des postes simples et doubles. En outre, son discret rayonnement indirect produit un éclairage du plafond agréable et homogène. Un capteur de mouvement et de lumière du jour disponible en option permet d'adapter automatiquement l'éclairage à la luminosité ambiante dans le bureau.

Types



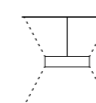
angular 1180 angular 1480 rounded 1180 rounded 1480

Mounting



suspended

Light distribution



direct
indirect

← back



DESO

suspended

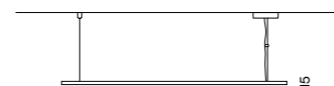
EN Rectangular luminaire housing in aluminium; choice of angular design or with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. feed (white); electronic operating unit installed in the canopy; direct/indirect light distribution by LGP body (Light Guiding Prism); side coupled light, directed up and down by laser engraving; direct component: microprismatic PMMA cover; indirect component covered with opal cover; homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy for through wiring

FR Corps de luminaire rectangulaire en aluminium; au choix version à bords en arête ou à bords arrondis; forme extrêm. plate (15 mm seulement); surface thermolaquée; suspension par câble; réglage en hauteur sans outil au luminaire; câble d'alimentation inclus (blanche); disp. électronique d'alimentation intégré au cache-piton; distribution de lumière directe/indirecte par LGP-Body (Light Guiding Prism); lumière couplée latéralement par gravure laser, dirigée vers le haut et le bas; Partie directe: cache PMMA microprismatique; partie indirecte recouverte avec cache opale; éclairage homogène; LED économes en énergie à restitution de couleur élevée; cache-piton pour câblage continu

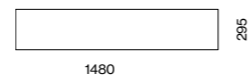
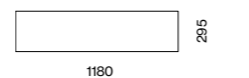
Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 131lm/W
 L90 @ 50 000h
 DALI-2
 microprismatic (UGR ≤ 19)

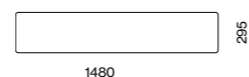
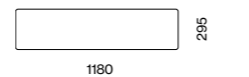
Types



DESO



DESO rounded



Colours



Light distribution



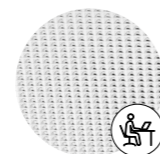
direct
indirect



detail end caps



detail rounded end caps



DIN EN 12464-1
UGR ≤ 19



direct/indirect illumination

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010

LIGHT OPTIC COVER

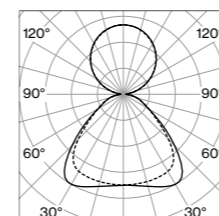
microprismatic (UGR ≤ 19)

Options on request

CONTROL

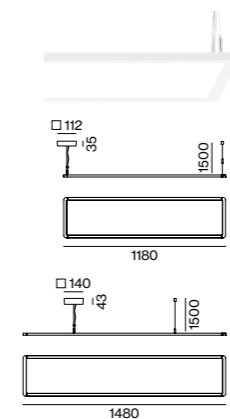
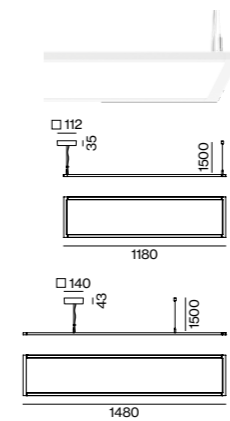
non DIM
 ESSENTIAL sensor
 (brightness & presence)

Light distribution



microprismatic
direct/indirect

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover microprismatic



DESO suspended



DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
39 W	3000 K	↓ 2750 / ↑ 2090 lm	1180	0 7 4 - 2 2 4 4 :: 3 7 P
	4000 K	↓ 2910 / ↑ 2210 lm		
64 W	3000 K	↓ 3360 / ↑ 2540 lm	1480	0 7 4 - 2 2 4 5 :: 3 7 P
	4000 K	↓ 4400 / ↑ 3340 lm		

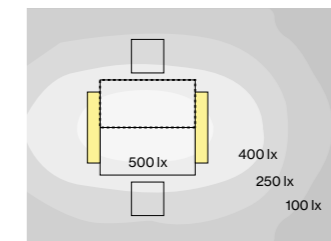
DESO rounded suspended



DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
39 W	3000 K	↓ 2750 / ↑ 2090 lm	1180	0 7 4 - 3 2 4 4 :: 3 7 P
	4000 K	↓ 2910 / ↑ 2210 lm		
64 W	3000 K	↓ 3360 / ↑ 2540 lm	1480	0 7 4 - 3 2 4 5 :: 3 7 P
	4000 K	↓ 4400 / ↑ 3340 lm		

Technical data



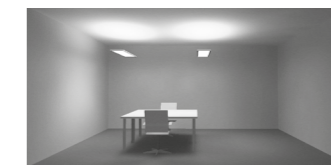
DESO suspended, 39W, 4000K, direct/indirect

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25 m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8 m
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION

Table Classification X=4H | Y=8H | S=0.25H

UGR transversal	≤ 16
UGR axial	≤ 16
≥ 65° ≤ 3000 cd/m²	

Highlight Towers Munich, DE –
lighting design by Lumen3 GbR



Ultra-slim office series

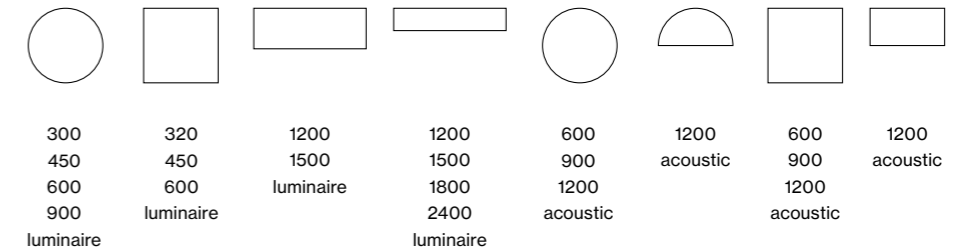


TASK

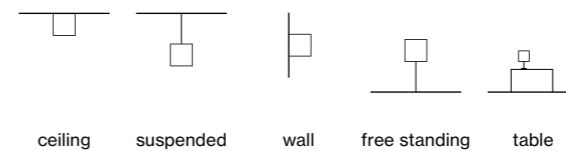
EN The ultra-slim TASK series fulfils all requirements of modern office lighting while being impressively flexible. Innovative technology and highly efficient LEDs meet minimalistic design. Thanks to its microprismatic cover, TASK provides bright and glare-minimised work light. The large product family includes ceiling, wall, floor, and table luminaires in a shared, sleek design language. The optional indirect light provides pleasant ceiling illumination. In addition, the ESSENTIAL sensor enables dynamic adjustment of the TASK S system and the floor luminaire to the ambient brightness and room activity. The SENSE variant also measures values such as temperature, air quality, humidity, and noise level. The SENSE sensor is IoT ready and enables the TASK free standing to transfer data via WLAN. For optimal room acoustics, the luminaires can be supplemented with highly effective acoustic elements with the same appearance.

FR La gamme ultrafine TASK coche toutes les cases d'un éclairage de bureau moderne – et ce, avec une remarquable flexibilité. Une technologie innovante et des LED haute performance associées à un design épuré. Grâce au diffuseur microprismatique, TASK produit une lumière de travail brillante avec un éblouissement minimal. Cette vaste gamme de produits est composée de plafonniers, d'appliques murales, de luminaires sur pied et de lampes de table au design homogène, tout en finesse. La partie indirecte proposée en option éclaire le plafond de façon très agréable. Le capteur ESSENTIAL permet en outre l'adaptation dynamique du système TASK S et du luminaire sur pied à la luminosité ambiante et à l'activité dans la pièce. La variante SENSE effectue également des mesures telles que la température, la qualité de l'air, l'humidité ambiante et le niveau sonore. Le capteur SENSE est IoT ready et permet à TASK free standing de transmettre des données par WLAN. Pour une acoustique optimale, il est possible, en option, de compléter le système d'éléments acoustiques d'aspect identique.

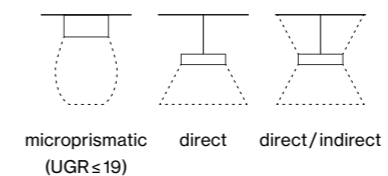
Types



Mountings



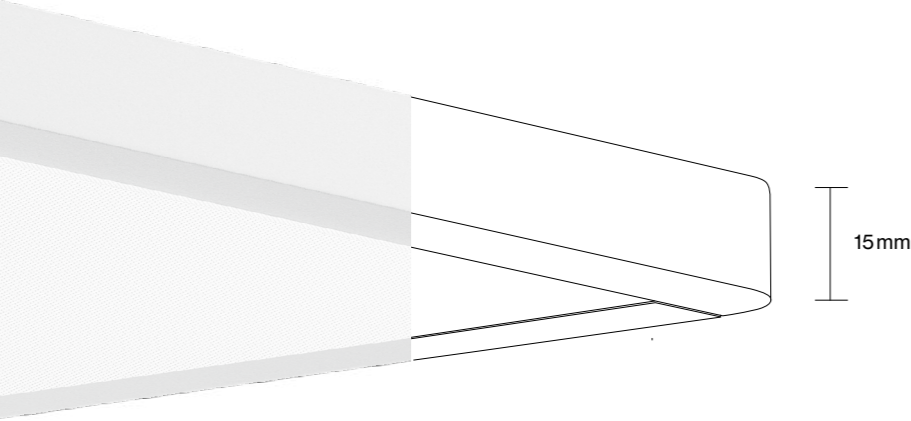
Light distributions



Ultra-slim and versatile

EN TASK combines an ultra-slim design with innovative lighting technology. These include, in particular, an LGP (Light Guiding Prism), which directs the laterally coupled light from highly efficient LEDs upwards and downwards. It creates a pleasant room atmosphere through a balanced relationship between direct and indirect light.

FR TASK combine un design ultraplât avec une technologie d'éclairage innovante. En font partie un LGP (Light Guiding Prism) qui dirige la lumière couplée latéralement de LEDs à haute efficacité vers le haut et le bas. Il crée un bel équilibre entre lumière directe et indirecte et donc une atmosphère agréable.



One design – many options

EN Thanks to a variety of shapes and mounting options, available individually but also as a system variant, TASK creates uniform lighting solutions for the most diverse projects. Pendant or surface-mounted luminaires for walls and ceilings can be supplemented by mobile floor and table luminaires. Flexible in use and uniform in design.

FR La lumière est un facteur déterminant – mais elle n'est pas le seul facteur. Une acoustique agréable a elle aussi un effet important sur la satisfaction au travail. Des panneaux acoustiques en six couleurs et constitués de 60 % de PET recyclé complètent la série TASK et réduisent les bruits ambiants dans les bureaux. Afin de pouvoir travailler de manière concentrée et productive.



Pleasant room acoustics

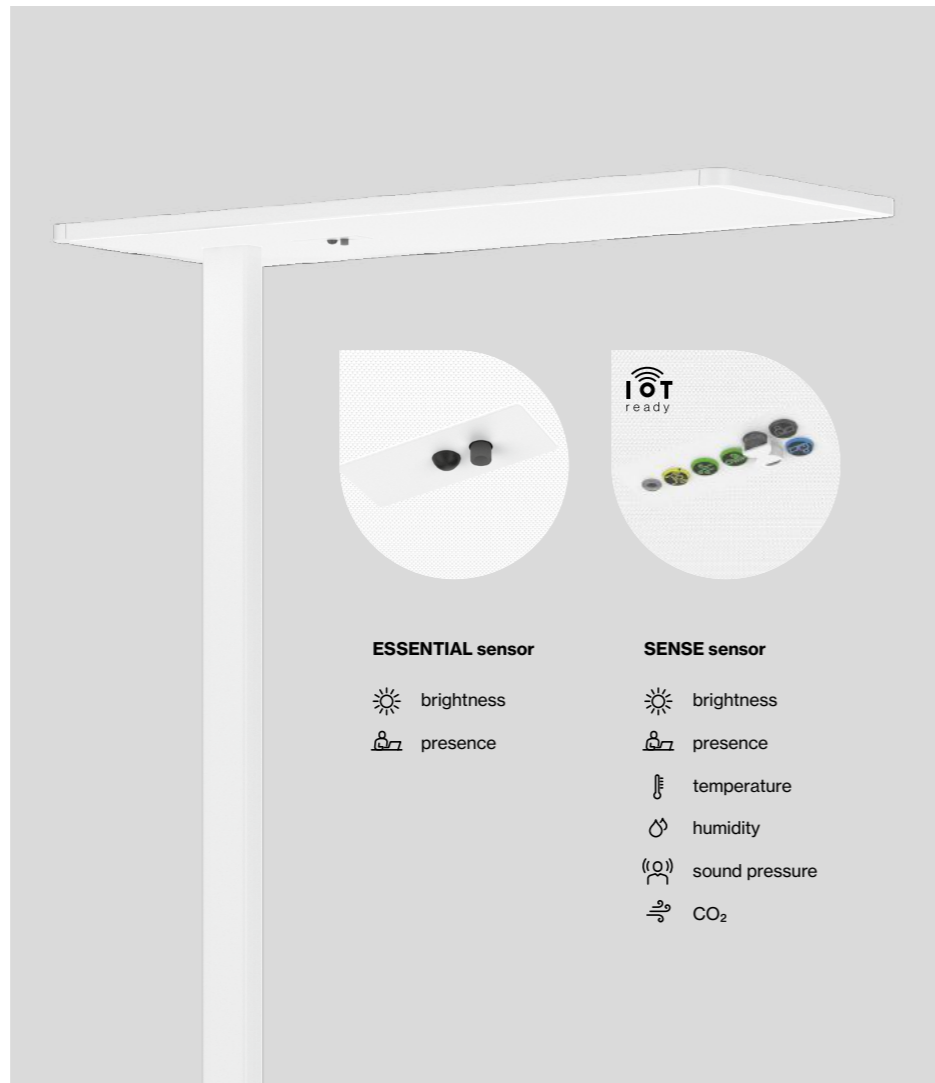
EN Light is decisive but not solely. Pleasant room acoustics have a significant impact on job satisfaction. Acoustic panels in various colours and made of 60%-recycled PET complement the TASK series and reduce background noise in the office. For concentrated, productive work.

FR Une grande liberté d'aménagement grâce à la connexion plug-in : chaque élément du système TASK S peut être monté sans outil et réarrangé, combiné ou connecté électriquement en un seul clic. Qu'il s'agisse d'une extension de bureaux ou d'une réorganisation de l'espace existant : ce système d'éclairage s'adapte à tous les changements.

Advanced sensor technology

EN The TASK S single luminaire and the TASK Free Standing adapt to daylight and room activity. Integrated motion sensors automatically dim the lighting while smart daylight sensors enable the light intensity to be adjusted to the ambient brightness. In addition, the SENSE version measures values such as temperature, air quality, humidity, and noise level. These data provide important insights into the conditions and use of rooms, and also support energy savings in the long term. The data from the sensors is transmitted via DALI. The SENSE sensor is IoT ready and enables the TASK free standing to transfer data via WLAN.

FR Le luminaire individuel TASK S ainsi que le TASK Free Standing s'adaptent à la lumière naturelle et à l'activité dans la pièce. Des capteurs de mouvement intégrés atténuent automatiquement l'éclairage et les capteurs Daylight intelligents adaptent l'intensité lumineuse à la luminosité ambiante. La variante SENSE effectue également des mesures telles que la température, la qualité de l'air, l'humidité ambiante et le niveau sonore. Autant de renseignements précieux concernant les conditions et l'utilisation des locaux, qui se traduisent notamment par des économies d'énergie à long terme. Les données provenant des capteurs sont transmises via DALI. Le capteur SENSE est IoT ready et permet à TASK free standing de transmettre des données par WLAN.

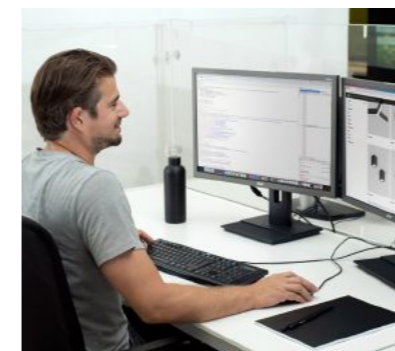


ESSENTIAL sensor

- brightness
- presence

SENSE sensor

- brightness
- presence
- temperature
- humidity
- sound pressure
- CO₂



Screen-work friendly

EN TASK guarantees standard-compliant illumination of workplaces with custom anti-glare prisms. TASK also focuses on brightness and reduces reflections. An ideal light source for double workstations in open-plan offices and also for single workstations in smaller offices.

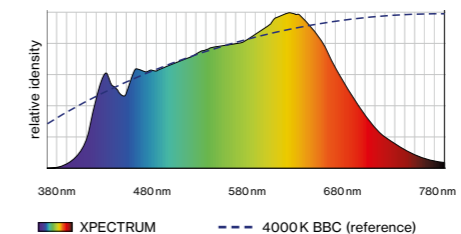
FR Grâce à des prismes anti-éblouissement spéciaux, TASK garantit un éclairage des postes de travail conforme aux normes en vigueur. De plus, il mise sur la clarté et réduit les reflets. Une source de lumière idéale pour les postes de travail doubles dans les bureaux en open space, mais aussi pour les postes de travail individuels dans des bureaux plus petits.

Full-spectrum LED

EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases sleep quality. The excellent colour rendering of IES T_M 30-15 R_i = 98 and R_g = 101 further helps visual comfort.

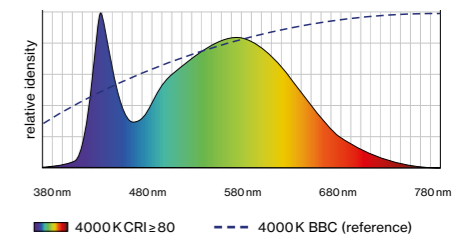
FR La nouvelle LED XPECTRUM de XAL fournit une lumière saine et adaptée au rythme circadien. La réduction de la lumière bleue ainsi que l'augmentation des valeurs cyan réduisent le risque que représente pour l'œil la lumière bleue, retrouvant un niveau similaire à celui de la lumière du jour. Il en résulte un effet d'éclairage non visuel, dit mélanopique, qui favorise la concentration et améliore la qualité du sommeil. L'excellent rendu des couleurs de l'IES TM 30-15 R_i = 98 et R_g = 101 constitue un autre atout pour le confort visuel.

XPECTRUM LED



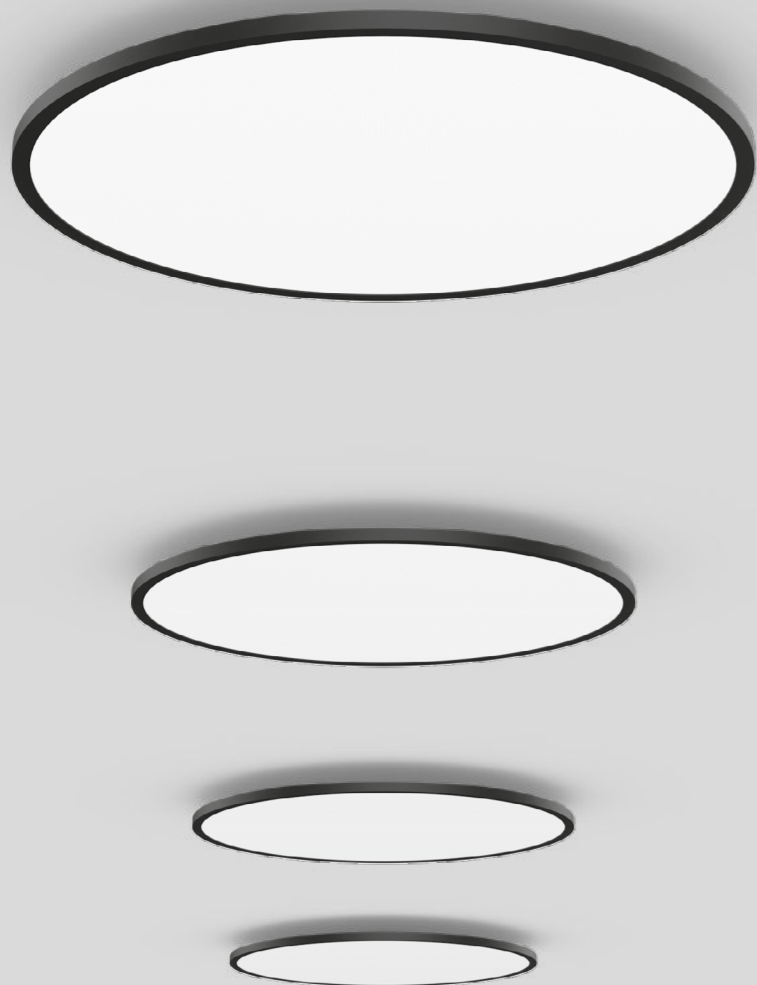
XPECTRUM 4000K BBC (reference)

Commercially available LED 4000K



4000K CRI ≥ 80 4000K BBC (reference)

← back



TASK round surface

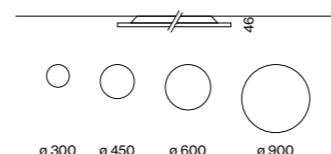
EN Round luminaire housing in aluminium; ultra low-profile design (only 15mm); surface powder coated; convenient quick mounting system without tools; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; completely homogeneous illumination; energy-efficient LEDs with 2 cable openings and plug-in terminals for through wiring; sound absorbing accessories available

FR Corps de luminaire rond en aluminium ; forme extrêm. plate (15mm seulement) ; surface thermolaquée ; système de montage rapide, convivial et sans outil ; distribution de lumière directe par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement guidée vers le bas par gravure laser ; guidage lumière au moyen de matériau réflecteur hautement réfléchissant ; éclairage parfaitement homogène ; LED économes en énergie à restitution de couleur élevée ; luminaire avec 2 ouvertures câblage et borne enfichable pour câblage passant ; accessoires doté de propriétés d'absorption acoustique

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 136 lm/W
 L90 @ 50 000 h
 DALI-2
 microprismatic (UGR ≤ 19)
 IP 40

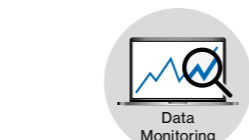
Types



Colours



Light distribution



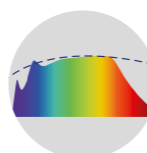
DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19



acoustic elements (p.456)



CRI ≥ 98 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL	
DALI-2	

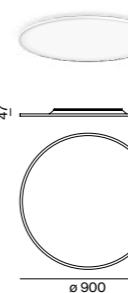
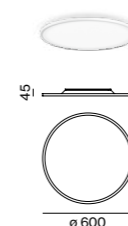
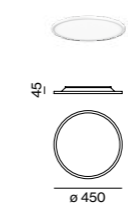
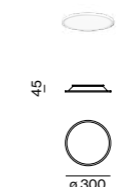
MATERIAL COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8
🌈 special colours p.992	X

LIGHT OPTIC COVER	
microprismatic (UGR ≤ 19)	

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 80	
CRI ≥ 98 XPECTRUM	

CONTROL	
Casambi	



TASK 300 round surface



DIRECT	SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
	11.4W	3000K	1020lm	059-0150::3P
		4000K	1080lm	

TASK 450 round surface



DIRECT	SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
	16W	3000K	1750lm	059-0141::3P
		4000K	1860lm	
	22.8W	3000K	2400lm	059-0151::3P
		4000K	2560lm	

TASK 600 round surface



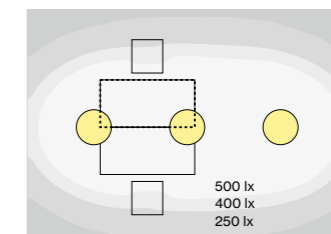
DIRECT	SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
	30W	3000K	3470lm	059-0142::3P
		4000K	3690lm	
	40W	3000K	4350lm	059-0152::3P
		4000K	4630lm	

TASK 900 round surface



DIRECT	SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
	52W	3000K	6630lm	059-0143::3K
		4000K	7060lm	

Technical data



TASK 600 round surface	
30W, 4000K, direct	
ROOM VALUES	
Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

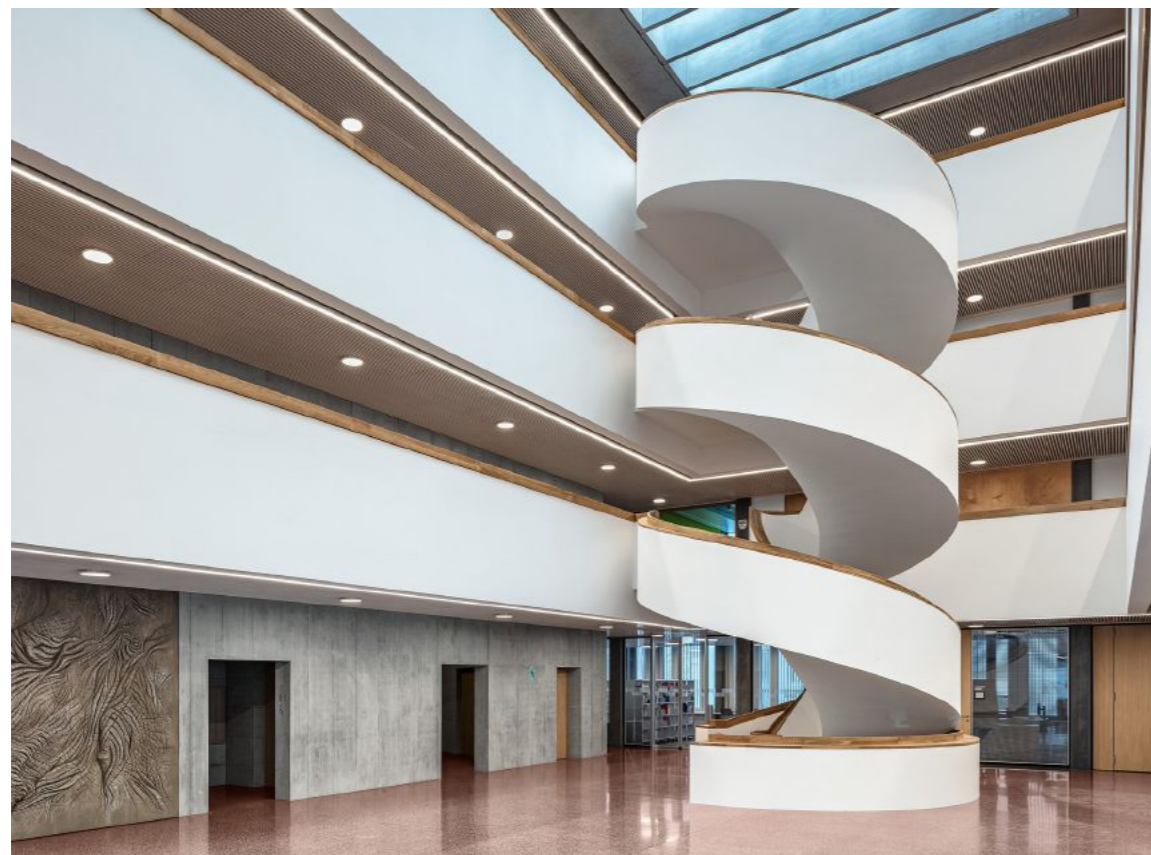
CALCULATION SURFACE	
Surface dimensions	1.6 × 0.8m
Surface height	0.75m
Average illuminance (E _{av})	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
≥ 65° ≤ 3000 cd/m ²	

LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, cover microprismatic

XUND Bildungszentrum Lucerne, CH –
by Metron AG with lighting design
by Bühmann Engineering AG



XUND BISTRO

Warme Getränke	Snacks
Kaffee, Espresso, Bistretto	Glühwein, Rotis, Curry, Waffeln
Espresso Doppio	Schoggiplätzli
Espresso Macchiato	Brot
Cappuccino, Latte Macchiato	Kuchen
Schoggi warm oder kalt	Brotchen/Muffin
Tea for everyone	Knusperbrot
	Frischbrot
	Sandwich

**Triplex Universitätsbibliothek
und Ausleihe** Heidelberg, DE –
by ap88 Architekten Partner-
schaft mbB with lighting design
by LDE BELZNER HOLMES



[← back](#)


TASK round

suspended

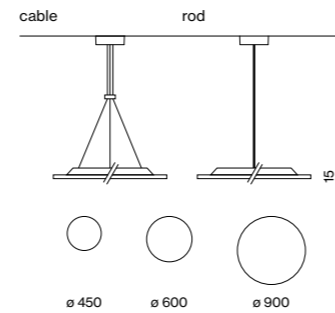
EN Round luminaire housing in aluminium; ultra low-profile design (only 15 mm); powder coated; suspended; with height adjustable rod suspension (chrome), feed in rod; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; optional: indirect luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy for through wiring; sound absorbing accessories available

FR Corps de luminaire rond en aluminium ; forme extrêm. plate (15 mm seulement) ; thermolaquée ; suspendu ; avec suspension pouvant être raccourcie (chrome), conduit d'alimentation dans le tube de suspension ; distribution de lumière directe par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement guidée vers le bas par gravure laser ; guidage lumière au moyen de matériau réflecteur hautement réfléchissant ; en option : partie indirecte avec platines dédiées pour un flux lumineux accru et un éclairage maximal du plafond ; éclairage parfaitement homogène ; LED économes en énergie à restitution de couleur élevée ; cache-piton pour câblage continu ; accessoires doté de propriétés d'absorption acoustique

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 137 lm/W
 L90 @ 50 000 h
 DALI-2
 microprismatic (UGR ≤ 19)
 IP 40

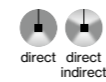
Types



Colours



Light distributions



DiiA® standards
251, 252, 253



DIN EN 12464-1
UGR ≤ 19

direct/indirect
illumination




acoustic
elements (p. 456)

CRI ≥ 98
XPECTRUM

Order options

SUSPENSION 
 cable 1500 mm 2
 rod 1000 mm 4

COLOUR TEMPERATURE 
 3000K 0
 4000K 1

CONTROL

DALI-2

MATERIAL COLOUR

pure white RAL 9010 7
 jet black RAL 9005 8
 special colours* p. 992 X
 *canopy always in white

LIGHT OPTIC COVER

microprismatic (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX

CRI ≥ 80
 CRI ≥ 98 XPECTRUM

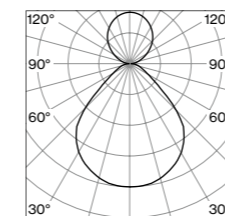
SUSPENSION

rod 2000 mm

CONTROL

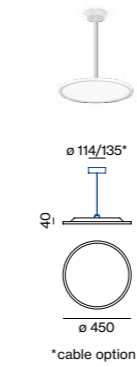
Casambi

Light distribution

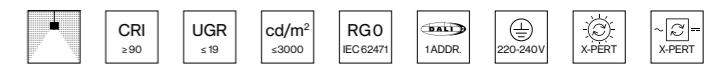


microprismatic
 direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic



TASK 450 round suspended



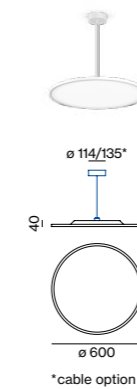
DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16 W	3000 K	1750 lm	0 5 9 - 0 4 1 :: 3 P
	4000 K	1860 lm	

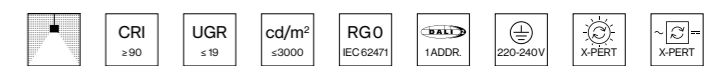


DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
38 W	3000 K	↓ 2710 / ↑ 1460 lm	0 5 9 - 0 5 6 1 :: 3 P
	4000 K	↓ 2880 / ↑ 1550 lm	



TASK 600 round suspended



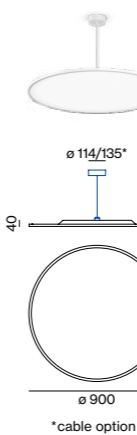
DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
30 W	3000 K	3470 lm	0 5 9 - 0 3 4 2 :: 3 P
	4000 K	3690 lm	

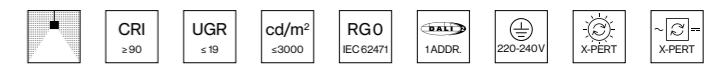


DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
45 W	3000 K	↓ 3470 / ↑ 1770 lm	0 5 9 - 0 3 6 2 :: 3 P
	4000 K	↓ 3690 / ↑ 1880 lm	



TASK 900 round suspended



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
52 W	3000 K	6630 lm	0 5 9 - 0 3 4 3 :: 3 K
	4000 K	7060 lm	



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
100 W	3000 K	↓ 8800 / ↑ 4110 lm	0 5 9 - 0 3 6 3 :: 3 K
	4000 K	↓ 9370 / ↑ 4370 lm	



INSPIRATIONAL BOARD

Hör mal:

- Mittwoch, Episode WW054: Geschichten aus einer Welt im Wandel
- SAP Education Newscast Episode 016: Microsoft Learning
- Mindstrik - Learning Podcast
- PDF - Heute das Morgen erleben
- 23m

Lies mal:

- Yuval Noah Harari: 21 Lektionen für das 21. Jhd.
- The Culture Code: the secrets of highly successful groups

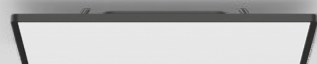
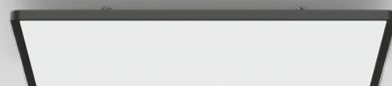
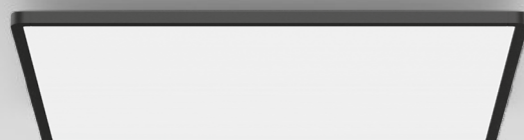
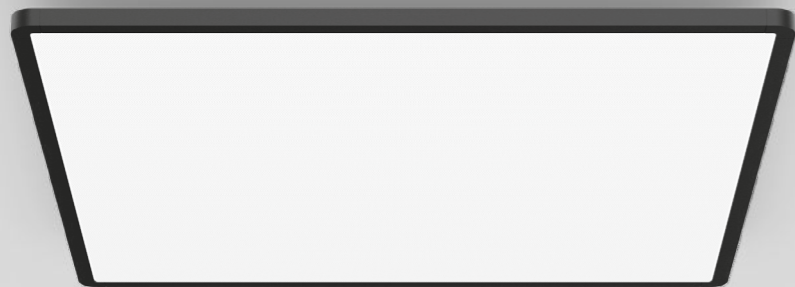
Schau mal:

- WIRED: 5 Levels
- Am Wochenende einfach Offline sein

Microsoft Office
Brussels, BE –
by PROCOS Group



← back



TASK square

surface

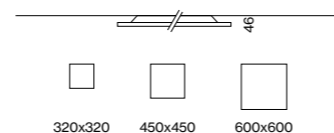
EN Square housing made of aluminium with rounded edges; ultra low-profile design (only 15mm); surface powder coated; convenient quick mounting system without tools; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring; sound absorbing accessories available

FR Corps du luminaire carré en aluminium avec bords arrondis ; forme extrêm. plate (15mm seulement) ; surface thermolaquée ; système de montage rapide, convivial et sans outil ; distribution de lumière directe par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement guidée vers le bas par gravure laser ; guidage lumière au moyen de matériau réflecteur hautement réfléchissant ; éclairage parfaitement homogène ; LED économes en énergie à restitution de couleur élevée ; luminaire avec 2 ouvertures câblage et borne enfichable pour câblage passant ; accessoires doté de propriétés d'absorption acoustique

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 137 lm/W
 L90 @ 50 000h
 DALI-2
 microprismatic (UGR ≤ 19)

Types



Colours



Light distribution



DiiA® standards
 251, 252, 253



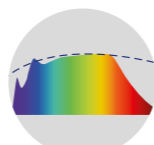
DIN EN 12464-1
 UGR ≤ 19



easy
 mouting



acoustic
 elements (p.456)



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> jet black RAL 9005	8
<input checked="" type="radio"/> special colours p.992	X

LIGHT OPTIC COVER

microprismatic (UGR ≤ 19)

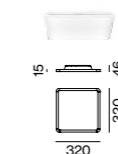
Options on request

COLOUR RENDERING INDEX

CRI ≥ 80
 CRI ≥ 98 XPECTRUM

CONTROL

Casambi



TASK 320 square surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.8W	3000K	1230lm	0 5 9 - 2 1 1 0 :: 3 ▣ K
	4000K	1310lm	

TASK 450 square surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15W	3000K	1880lm	0 5 9 - 2 1 4 1 :: 3 ▣ K
	4000K	2000lm	

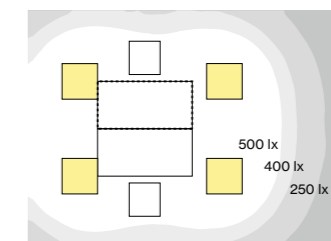
TASK 600 square surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
27.3W	3000K	3510lm	0 5 9 - 2 1 4 2 :: 3 ▣ K
	4000K	3730lm	

Technical data



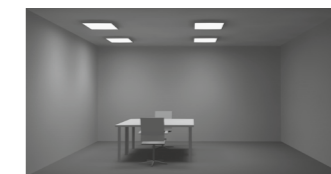
TASK 600 square surface
 27.3W, 4000K, direct

ROOM VALUES

Room dimensions	5.4×4×2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE

Surface dimensions	1.6×0.8m
Surface height	0.75m
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
≥ 65° ≤ 3000 cd/m ²	

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic

Art Invest headquarters Cologne, DE –
by Lepel & Lepel Architektur with
lighting design by Volker von Kardorff



← back



TASK square

suspended

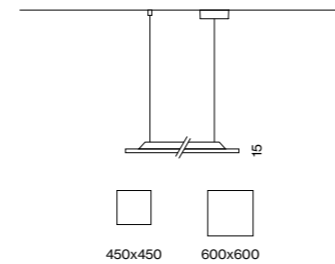
EN Square housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); powder coated; pendant fitting with cable suspension (4 cables); with integrated tool-less suspension height adjustment; incl. transparent feed; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; optional: indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-eff. LEDs – very good colour rendering; canopy for through wiring; sound absorbing accessories available

FR Corps du luminaire carré en aluminium avec bords arrondis ; forme extrêm. plate (15mm seulement) ; thermolaquée ; suspension par câble (4 câbles) ; réglage en hauteur sans outil au luminaire ; incl. conduit d'alimentation transparent ; distribution de lumière directe par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement guidée vers le bas par gravure laser ; guidage lumière au moyen de matériau réflecteur hautement réfléchissant ; en option : partie indirecte avec platines dédiées pour un flux lumineux accru et un éclairage maximal du plafond ; éclairage parfaitement homogène ; LED économes en énergie à restitution de couleur élevée ; cache-piton pour câblage continu ; accessoires doté de propriétés d'absorption acoustique

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 137 lm/W
 L90 @ 50 000h
 DALI-2
 microprismatic (UGR ≤ 19)

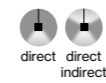
Types



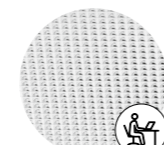
Colours



Light distributions



DiiA® standards
 251, 252, 253



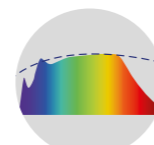
DIN EN 12464-1
 UGR ≤ 19



flat design
 (15 mm)



acoustic
 elements (p.456)



CRI ≥ 98
 XPECTRUM

Order options

SUSPENSION
 cable 1500mm

COLOUR TEMPERATURE

3000K	0
4000K	1

CONTROL
 DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8
● special colours* p.992	X

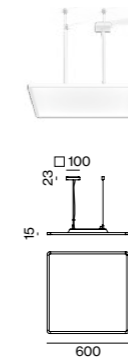
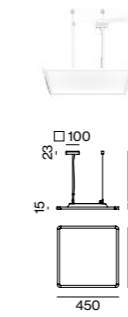
*canopy always in white

LIGHT OPTIC COVER
 microprismatic (UGR ≤ 19)

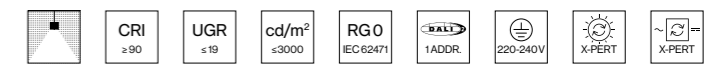
Options on request

COLOUR RENDERING INDEX
 CRI ≥ 80
 CRI ≥ 98 XPECTRUM

CONTROL
 Casambi



TASK 450 square suspended



DIRECT

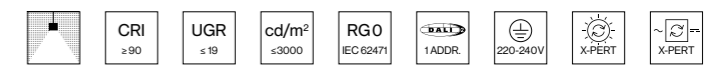
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15W	3000K	1880lm	0 5 9 - 2 2 1 1 :: 3 ▣ K
	4000K	2000lm	



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35W	3000K	↓ 2910 / ↑ 1470 lm	0 5 9 - 2 2 3 1 :: 3 ▣ K
	4000K	↓ 3100 / ↑ 1570 lm	

TASK 600 square suspended



DIRECT

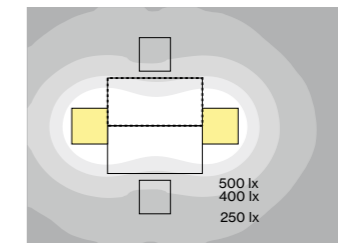
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
27.3W	3000K	3510lm	0 5 9 - 2 2 1 2 :: 3 ▣ K
	4000K	3730lm	



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
57W	3000K	↓ 5660 / ↑ 1530 lm	0 5 9 - 2 2 3 2 :: 3 ▣ K
	4000K	↓ 6020 / ↑ 1620 lm	

Technical data



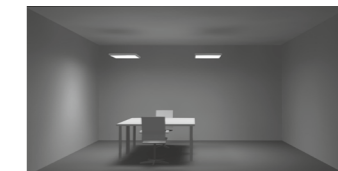
TASK 600 square suspended
 57W, 4000K, direct/indirect power

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25m

CALCULATION SURFACE

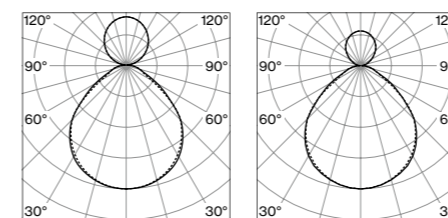
Surface dimensions	1.6 × 0.8m
Surface height	0.75m
Average illuminance (E _m)	>500lx
Uniformity (U ₀)	>0.6



GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19

Light distributions



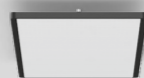
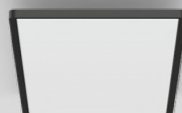
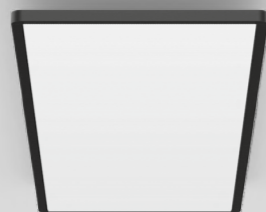
TASK 450 microprismatic direct/indirect power
 TASK 600 microprismatic direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic

XAL headquarters Graz, AT –
by INNOCAD Architektur ZT



← back



TASK

ceiling

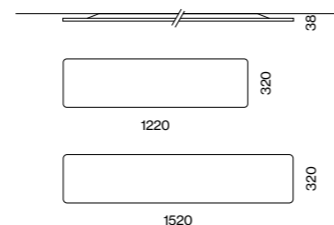
EN Rectangular housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; convenient quick mounting system without tools; direct light distribution by LGP-Body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

FR Corps du luminaire rectangulaire en aluminium avec bords arrondis ; forme extrém. plate (15 mm seulement) ; surface thermolaquée ; système de montage rapide, convivial et sans outil ; distribution de lumière directe par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement guidée vers le bas par gravure laser ; guidage lumière au moyen de matériau réflecteur hautement réfléchissant ; éclairage parfaitement homogène ; LED économes en énergie à restitution de couleur élevée ; luminaire avec 2 ouvertures câblage et borne enfichable pour câblage passant

Quickinfo

3000K, 4000K, TW
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 131lm/W
 L80 @ 50 000h
 DALI-2
 microprismatic (UGR ≤ 19)

Types



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE
 3000K 0
 4000K 1
 tunable white 2700–6500K*
 *DALI-2 DT8; CRI ≥ 80

CONTROL

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010 7
 ● jet black RAL 9005 8
 ● special colours p.992 X

LIGHT OPTIC COVER

microprismatic (UGR ≤ 19)

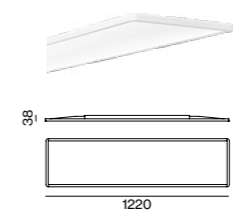
Options on request

COLOUR RENDERING INDEX

CRI ≥ 80
 CRI ≥ 98 XPECTRUM

CONTROL

ESSENTIAL sensor
 (brightness & presence)

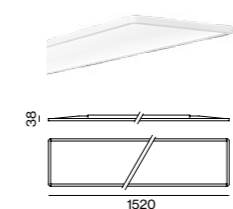


TASK 1200 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
28.4W	3000K	3440lm	0 5 9 - 2 1 1 4 :: 3 K
29.3W	4000K	3660lm	0 5 9 - 2 1 1 4 D 3 K
	2700–6500K	± 3220lm	0 5 9 - 2 1 1 4 D 3 K



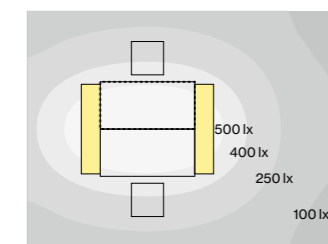
TASK 1500 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
36W	3000K	4300lm	0 5 9 - 2 1 1 5 :: 3 K
37W	4000K	4570lm	0 5 9 - 2 1 1 5 D 3 K
	2700–6500K	± 4020lm	0 5 9 - 2 1 1 5 D 3 K

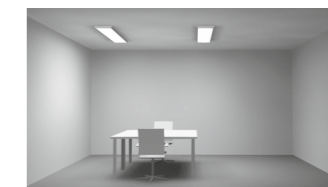
Technical data



TASK 1500 ceiling
 36W, 4000K, direct

ROOM VALUES
 Room dimensions 5.4 × 4 × 2.8m
 Reflection factor 0.7 | 0.5 | 0.2
 Maintenance factor 0.8

CALCULATION SURFACE
 Surface dimensions 1.6 × 0.8m
 Surface height 0.75m
 Average illuminance (E_{av}) > 500 lx
 Uniformity (U₀) > 0.6



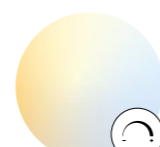
GLARE EVALUATION
 Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19
 ≥ 65° ≤ 3000 cd/m²



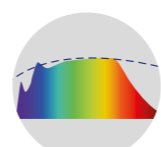
DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500K



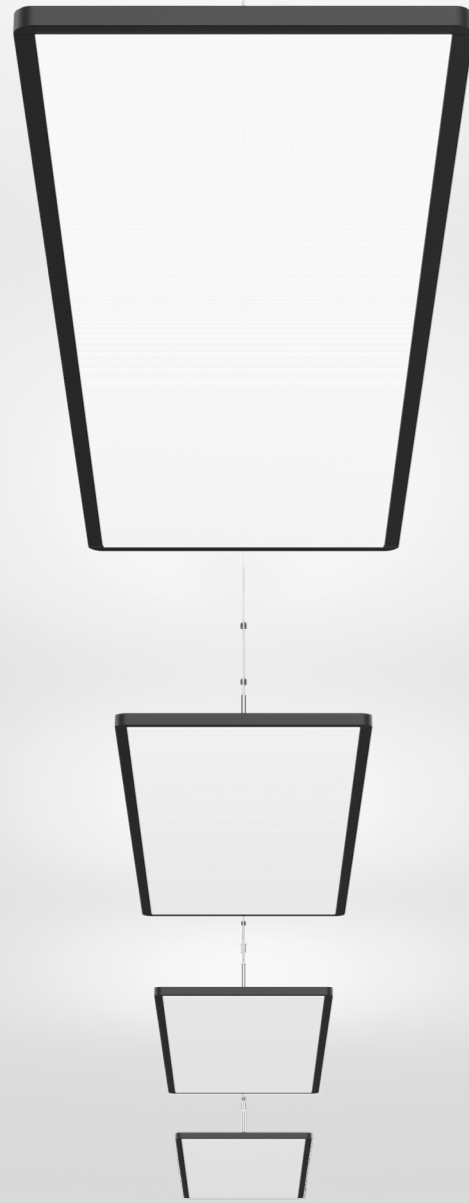
CRI ≥ 98
 XPECTRUM

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic

Münchener Rückversicherung Munich, DE –
by Scholz - SorgerArchitekten Partnerschaft mbB
with lighting design by Lumen³ GbR



← back



 reddot award 2015 winner



TASK

suspended

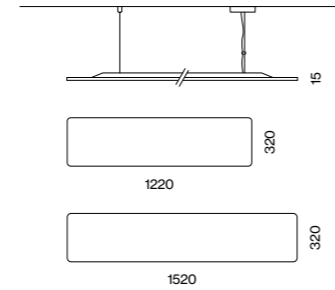
EN Rectangular housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; 1500 mm cable suspension, tool-less height adjustment; incl. transparent feed; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

FR Corps du luminaire rectangulaire en aluminium avec bords arrondis ; forme extrême. plate (15 mm seulement) ; surface thermolaquée ; suspension à câble 1500 mm réglable en hauteur sans outil ; incl. conduit d'alimentation transparent ; distribution de lumière directe par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement guidée vers le bas par gravure laser ; partie indirecte avec platines dédiées pour un flux lumineux accru et un éclairage maximal du plafond ; éclairage parfaitement homogène ; LED économes en énergie à restitution de couleur élevée ; cache-piton avec 2 orifices de câblage et cllp de fixation pour câblage continu

Quickinfo

3000K, 4000K, TW
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 129 lm/W
 L80 @ 50 000 h
 DALI-2
 microprismatic (UGR ≤ 19)
 IP 40

Types



Colours



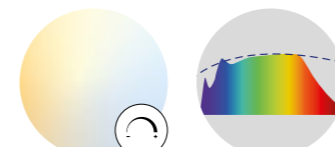
Light distribution



DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19 direct/indirect illumination



tunable white
 2700–6500 K CRI ≥ 98 XPECTRUM

Order options

SUSPENSION
 cable 1500 mm

COLOUR TEMPERATURE
 3000K 0
 4000K 1
 tunable white 2700–6500K*
 *DALI-2 DT8; CRI ≥ 80

CONTROL
 DALI-2

MATERIAL COLOUR
 ○ pure white RAL 9010 7
 ● jet black RAL 9005 8
 ● special colours* p. 992 X
 *canopy always in white

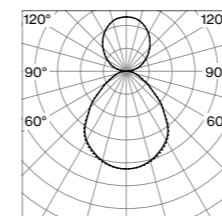
LIGHT OPTIC COVER
 microprismatic (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 80
 CRI ≥ 98 XPECTRUM

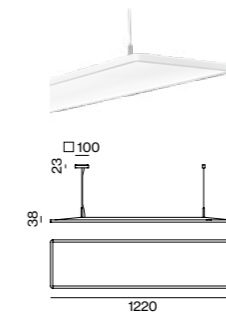
CONTROL
 ESSENTIAL sensor
 (brightness & presence)

Light distribution

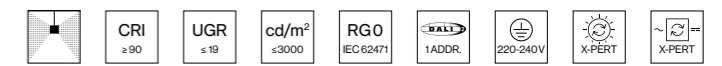


microprismatic
 direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic

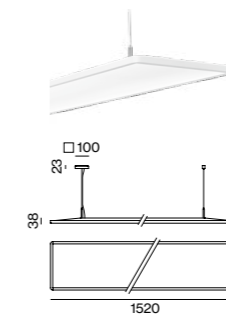


TASK 1200 suspended

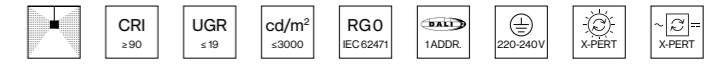


DIRECT/INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
50 W	3000 K	↓ 3890 / ↑ 2180 lm	0 5 9 - 2 2 2 4 :: 3 ▣ K
52 W	4000 K	↓ 4140 / ↑ 2320 lm	
	2700–6500 K	↓ 3620 / ↑ 2100 lm	0 5 9 - 2 2 2 4 D 3 ▣ K



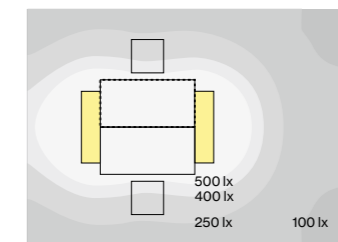
TASK 1500 suspended



DIRECT/INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
63 W	3000 K	↓ 4860 / ↑ 2720 lm	0 5 9 - 2 2 2 5 :: 3 ▣ K
64 W	4000 K	↓ 5170 / ↑ 2900 lm	
	2700–6500 K	↓ 4530 / ↑ 2630 lm	0 5 9 - 2 2 2 5 D 3 ▣ K

Technical data



TASK 1200 suspended
 50 W, 4000 K, direct/indirect power

ROOM VALUES
 Room dimensions 5.4 × 4 × 2.8 m
 Reflection factor 0.7 | 0.5 | 0.2
 Maintenance factor 0.8
 Suspension height 2.25 m

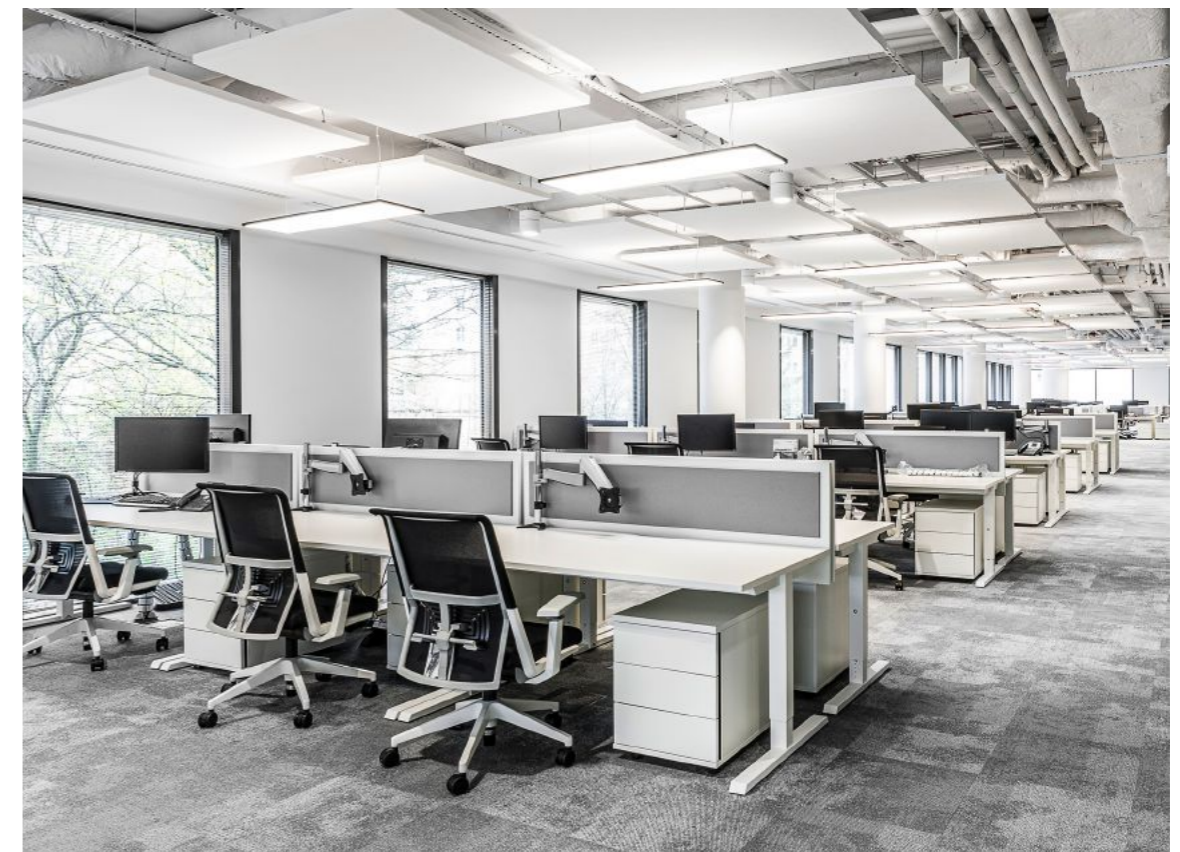
CALCULATION SURFACE
 Surface dimensions 1.6 × 0.8 m
 Surface height 0.75 m
 Average illuminance (E_m) > 500 lx
 Uniformity (U₀) > 0.6



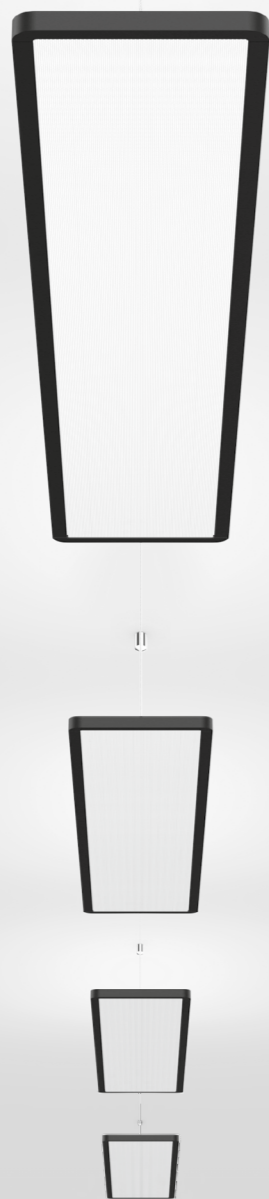
GLARE EVALUATION
 Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19
 ≥ 65° ≤ 3000 cd/m²



Takeda Office Lodz, PL –
by The Design Group with lighting design
by Plus Lighting



← back



TASK S

suspended

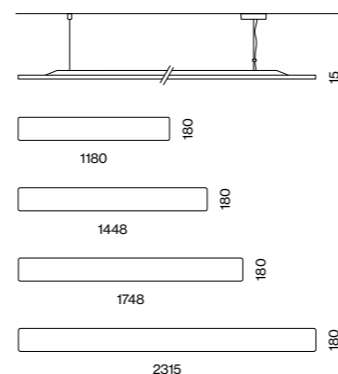
EN Rectangular housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; 1500 mm cable suspension, tool-less height adjustment; incl. transparent feed; direct or direct/indirect light distribution by LGP body (Light Guiding Prism); side coupled light, directed downwards or up and down by laser engraving; light control via highly reflective reflector material; optional: indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

FR Corps du luminaire rectangulaire en aluminium avec bords arrondis ; forme extrêm. plate (15 mm seulement) ; surface thermolaquée ; suspension à câble 1500 mm réglable en hauteur sans outil ; incl. conduit d'alimentation transparent ; distribution de lumière directe ou directe/indirecte par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement par gravure laser, dirigée vers le bas ou vers le haut et le bas ; guidage lumière au moyen de matériau réflecteur hautement réfléchissant ; en option : partie indirecte avec platines dédiées pour un flux lumineux accru et un éclairage maximal du plafond ; éclairage parfaitement homogène ; LED économes en énergie à restitution de couleur élevée ; cache-piton avec 2 orifices de câblage et cliP de fixation pour câblage continu

Quickinfo

3000K, 4000K, TW
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 126 lm/W
 L95 @ 50 000 h
 DALI-2
 brightness & presence sensor
 microprismatic (UGR ≤ 19)

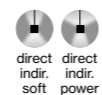
Types



Colours

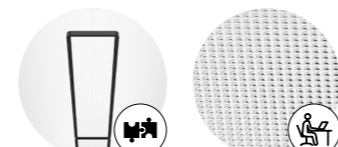


Light distributions



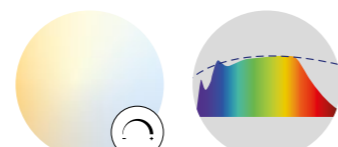
DiiA® standards
251, 252, 253

direct/indirect
illumination



system solution
(p.812)

DIN EN 12464-1
UGR ≤ 19



tunable white
2700-6500 K

CRI ≥ 98
XPECTRUM

Order options

SUSPENSION

cable 1500 mm

COLOUR TEMPERATURE

3000K 0
 4000K 1
 tunable white 2700-6500K*

*DALI-2 DT8; CRI ≥ 80

3000K + TW 2700-6500K

4000K + TW 2700-6500K

DALI-2 DT8 (separately controllable)

CONTROL

DALI-2 3
 ESSENTIAL sensor* 7
 (brightness & presence)

*version with sensor: length + 9 mm

MATERIAL COLOUR

○ pure white RAL 9010 7
 ● jet black RAL 9005 8
 ● special colours* p.992 X

*canopy always in white

LIGHT OPTIC COVER

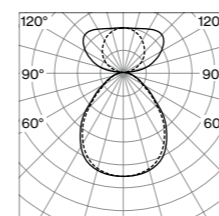
microprismatic (UGR ≤ 19)

Order options

COLOUR RENDERING INDEX

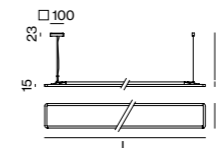
CRI ≥ 80
 CRI ≥ 98 XPECTRUM

Light distribution



microprismatic
direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic



TASK S suspended



DIRECT / INDIRECT SOFT

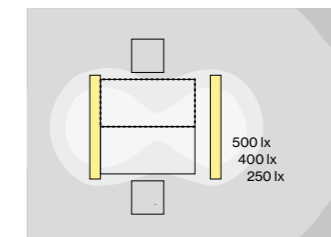
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
19.5 W	3000 K	↓ 1900 / ± 327 lm	1180	0 5 9 - 5 2 5 4 :: ▣ ▣ K
	4000 K	↓ 2020 / ± 347 lm		
24.4 W	3000 K	↓ 2380 / ± 408 lm	1448	0 5 9 - 5 2 5 5 :: ▣ ▣ K
	4000 K	↓ 2540 / ± 435 lm		
29.2 W	3000 K	↓ 2860 / ± 490 lm	1748	0 5 9 - 5 2 5 6 :: ▣ ▣ K
	4000 K	↓ 3040 / ± 521 lm		
39 W	3000 K	↓ 3810 / ± 653 lm	2315	0 5 9 - 5 2 5 8 :: ▣ ▣ K
	4000 K	↓ 4050 / ± 695 lm		



DIRECT / INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
29.6 W	3000 K	↓ 1890 / ± 1540 lm	1180	0 5 9 - 5 2 6 4 :: ▣ ▣ K
	4000 K	↓ 2010 / ± 1640 lm		
28.6 W	3000 K	↓ 1890 lm	1180	0 5 9 - 5 2 D 4 0 3 ▣ K
	(2 × DALI) 2700-6500 K	± 1490 lm		
28.6 W	4000 K	↓ 2010 lm	1180	0 5 9 - 5 2 D 4 1 3 ▣ K
	(2 × DALI) 2700-6500 K	± 1490 lm		
36 W (2 ×)	2700-6500 K	± 4010 lm	1180	0 5 9 - 5 2 6 4 D :: ▣ ▣ K
37 W	3000 K	↓ 2360 / ± 1920 lm	1448	0 5 9 - 5 2 6 5 :: ▣ ▣ K
	4000 K	↓ 2520 / ± 2050 lm		
36 W	3000 K	↓ 2360 lm	1448	0 5 9 - 5 2 D 5 0 :: ▣ ▣ K
	(2 × DALI) 2700-6500 K	± 1860 lm		
36 W	4000 K	↓ 2520 lm	1448	0 5 9 - 5 2 D 5 1 :: ▣ ▣ K
	(2 × DALI) 2700-6500 K	± 1860 lm		
44 W (2 ×)	2700-6500 K	± 5010 lm	1448	0 5 9 - 5 2 6 5 D :: ▣ ▣ K
44 W	3000 K	↓ 2840 / ± 2310 lm	1748	0 5 9 - 5 2 6 6 :: ▣ ▣ K
	4000 K	↓ 3020 / ± 2460 lm		
43 W	3000 K	↓ 2840 lm	1748	0 5 9 - 5 2 D 6 0 :: ▣ ▣ K
	(2 × DALI) 2700-6500 K	± 2230 lm		
43 W	4000 K	↓ 3020 lm	1748	0 5 9 - 5 2 D 6 1 :: ▣ ▣ K
	(2 × DALI) 2700-6500 K	± 2230 lm		
53 W (2 ×)	2700-6500 K	± 6010 lm	1748	0 5 9 - 5 2 6 6 D :: ▣ ▣ K
59 W	3000 K	↓ 3780 / ± 3080 lm	2315	0 5 9 - 5 2 6 8 :: ▣ ▣ K
	4000 K	↓ 4030 / ± 3270 lm		
57 W	3000 K	↓ 3780 lm	2315	0 5 9 - 5 2 D 8 0 :: ▣ ▣ K
	(2 × DALI) 2700-6500 K	± 2970 lm		
57 W	4000 K	↓ 4030 lm	2315	0 5 9 - 5 2 D 8 1 :: ▣ ▣ K
	(2 × DALI) 2700-6500 K	± 2970 lm		
71 W (2 ×)	2700-6500 K	± 8010 lm	2315	0 5 9 - 5 2 6 8 D :: ▣ ▣ K

Technical data

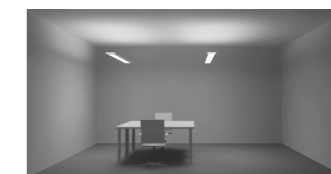


TASK S suspended, 1748 mm
 44 W, 4000 K, direct/indirect power

ROOM VALUES
 Room dimensions 5.4 × 4 × 2.8 m
 Reflection factor 0.7 | 0.5 | 0.2
 Maintenance factor 0.8
 Suspension height 2.25 m

CALCULATION SURFACE
 Surface dimensions 1.6 × 0.8 m
 Surface height 0.75 m
 Average illuminance (E_m) > 500 lx
 Uniformity (U₀) > 0.6

GLARE EVALUATION
 Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19



Dr. Schaer Burgstall, IT –
by monovolume architecture+
design with lighting design by
VON LUTZ - electrical and
lighting projects / Alexa von Lutz



back



TASK

wall

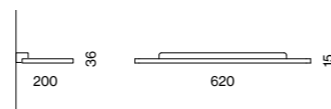
EN Rectangular housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; suitable for wall mounting; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; indirect component with special PCBs with asymmetrical light distribution; for optimum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering

FR Corps du luminaire rectangulaire en aluminium avec bords arrondis ; forme extrêm. plate (15 mm seulement) ; surface thermolaquée ; convient à un montage mural ; distribution de lumière directe par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement guidée vers le bas par gravure laser ; guidage lumière au moyen de matériau réflecteur hautement réfléchissant ; partie indirecte avec platines dédiées avec distribution asymétrique de la lumière ; pour une éclairage de plafond optimale ; éclairage parfaitement homogène ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 up to 125 lm/W
 L90 @ 50 000h
 DALI-2
 microprismatic (UGR ≤ 16)

Type



Colours



Light distribution



asymmetrical ceiling illumination

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> jet black RAL 9005	8

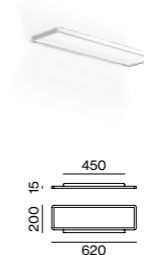
LIGHT OPTIC COVER

microprismatic (UGR ≤ 16)

Options on request

COLOUR RENDERING INDEX

CRI ≥ 80



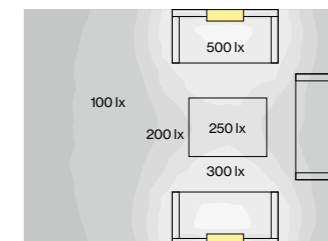
TASK wall



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
46 W	3000 K	↓ 1850 / ↑ 3530 lm	0 5 9 - 2 0 3 2 :: 3 ▣ Z
	4000 K	↓ 1970 / ↑ 3760 lm	

Technical data



TASK wall
 46 W, 4000 K, direct/indirect power

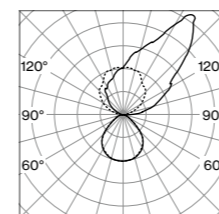
ROOM VALUES
 Room dimensions 5,4 × 4,0 × 2,8 m
 Reflection factor 0,7 | 0,5 | 0,2
 Maintenance factor 0,8
 Mounting height 2,25 m

CALCULATION SURFACE
 Surface dimensions Floor
 Surface height 0 m

GLARE EVALUATION
 Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19



Light distribution



microprismatic
 direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic

Lobby
Visualisation



[← back](#)

 reddot award 2015
winner

TASK

free standing

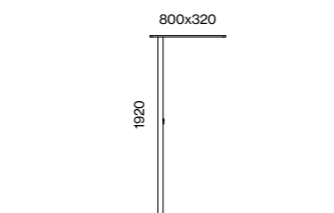
Free standing luminaire with rectangular luminaire head made of aluminium and rounded edges; ultra low-profile design (only 15 mm); rectangular downpipe; pedestal with recess for table base; surface powder coated; direct/indirect light distribution by LGP body (Light Guiding Prism); side coupled light, directed up and down by laser engraving; optional: indirect component with special PCBs for increased luminous flux; optional: indirect component with special, inclined PCBs for asymmetric radiation characteristic; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; switch installed in the downpipe; incl. connection cable (3 m) with safety plug

Lampadaire à tête de luminaire rectangulaire en aluminium et bords arrondis ; forme extrême. plate (15 mm seulement) ; tube rectangulaire ; pied avec échancrure pour pied de table ; surface thermolaquée ; distribution de lumière directe / indirecte par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement par gravure laser, dirigée vers le haut et le bas ; en option : partie indirecte avec platines dédiées pour un flux lumineux accru ; en option : partie éclairage indirect avec platines en biais dédiées pour une caractéristique de diffusion asymétrique ; éclairage parfaitement homogène ; LED économes en énergie à restitution de couleur élevée ; interrupteur intégré dans le tube ; incl. câble raccordement (3 m) avec fiche contact de protection

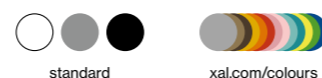
Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 129 lm/W
 L90 @ 50 000 h
 touch DIM on pole
 brightness & presence sensor
 microprismatic (UGR ≤ 19)

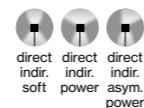
Type



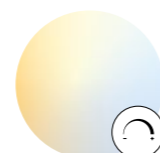
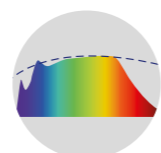
Colours



Light distributions

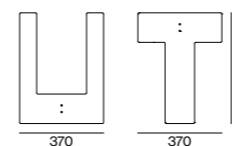

 suitable for
double workstation

 SENSE sensor
on request

 control by touch
DIM on pole

 tunable white
2700–6500 K

 CRI ≥ 98
XPECTRUM

Order options

BASE PLATE	
U-shape	4
T-shape	5



COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL	
touch DIM on pole	5
ESSENTIAL sensor (brightness & presence)	7

MATERIAL COLOUR	
pure white RAL 9010	7
white aluminium RAL 9006	6
jet black RAL 9005	8
special colours p.992	X

LIGHT OPTIC COVER	
microprismatic (UGR ≤ 19)	

Options on request

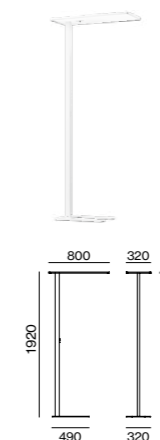
COLOUR TEMPERATURE	
tunable white 2700–6500 K indir.	

COLOUR RENDERING INDEX	
CRI ≥ 80	
CRI ≥ 98 XPECTRUM	

CONTROL	
SENSE sensor (brightness, presence, temperature, sound pressure, humidity, CO ₂)	
cluster network DIM	
dynamic daylight control (BPI)	
Zigbee 3.0	

MOUNTING	
table system	

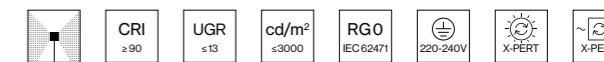
LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic



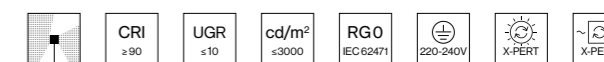
TASK free standing



DIRECT / INDIRECT SOFT				
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE	
71W	3000K	↓4100/↑3350 lm	0 5 9 - 2 9	3 :: ↕ Z
	4000K	↓4370/↑3560 lm		

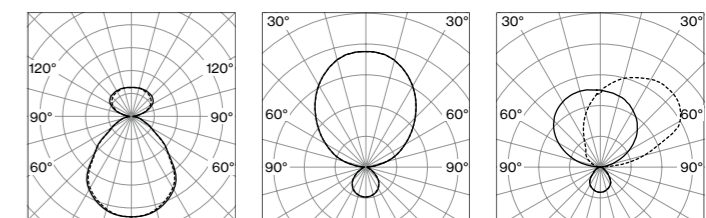


DIRECT / INDIRECT POWER				
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE	
80W	3000K	↓2400/↑7330 lm	0 5 9 - 2 9	2 :: ↕ Z
	4000K	↓2550/↑7800 lm		



DIRECT / INDIRECT ASYMMETRIC POWER				
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE	
97W	3000K	↓1900/↑9300 lm	0 5 9 - 2 9	1 :: ↕ Z
	4000K	↓2030/↑9960 lm		

Light distributions


 microprismatic
direct/indirect soft

 microprismatic
direct/indirect power

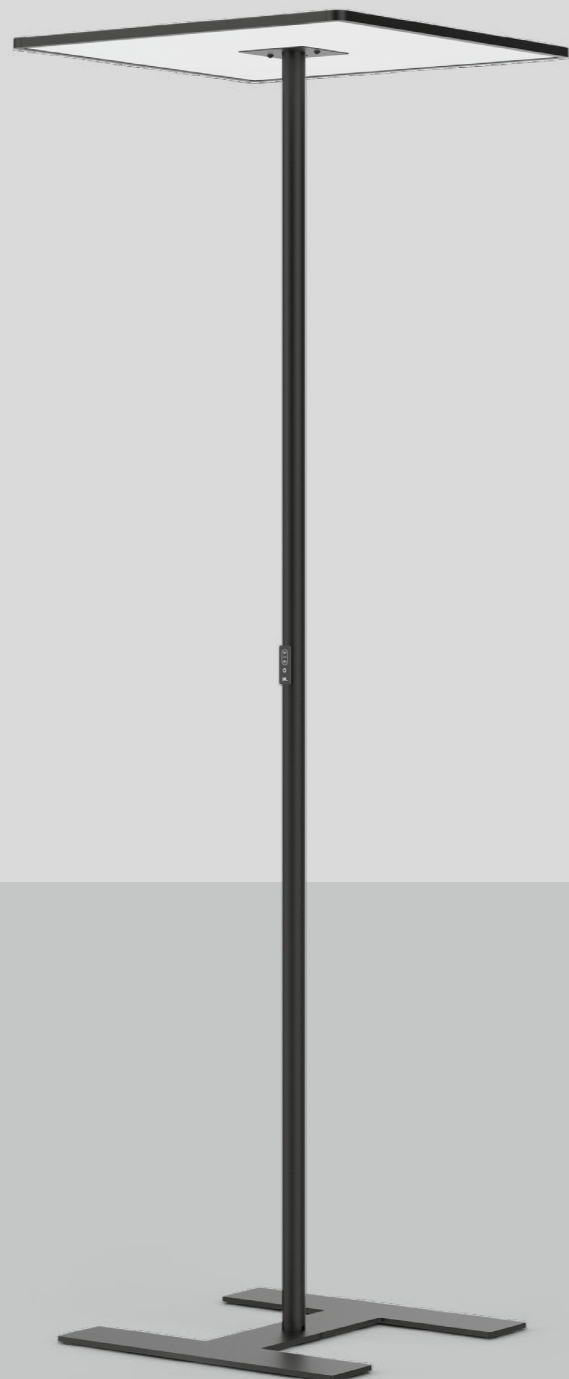
 microprismatic
direct/indirect asym. power

Business-Quartier Sparkasse
Salzburg, AT – by OM/ARGE
Neutor, Schabelreiter Architektur



OMV Vienna, AT



[← back](#)


TASK square

free standing

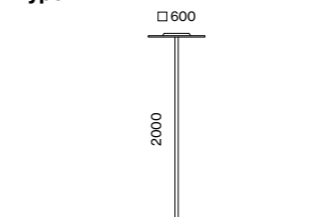
EN Free standing luminaire with square luminaire head made of aluminium and rounded edges; ultra low-profile design (only 15 mm); steel round downpipe; pedestal with recess for table base; surface powder coated; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; switch installed in the downpipe; incl. connection cable (3m) with safety plug

FR Lampadaire à tête de luminaire carrée en aluminium et bords arrondis ; forme extrêm. plate (15 mm seulement) ; Tube acier rond ; pied avec échancrure pour pied de table ; surface thermolaquée ; distribution de lumière directe par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement guidée vers le bas par gravure laser ; partie indirecte avec platines dédiées pour un flux lumineux accru et un éclairage maximal du plafond ; éclairage parfaitement homogène ; LED économes en énergie à restitution de couleur élevée ; interrupteur intégré dans le tube ; incl. câble raccordement (3m) avec fiche contact de protection

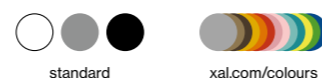
Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 143 lm/W
 L90 @ 50 000h
 touch DIM on pole
 brightness & presence sensor
 microprismatic (UGR ≤ 19)

Type



Colours



Light distribution



direct
indirect

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL	
touch DIM on pole	5
ESSENTIAL sensor (brightness & presence)	7

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	6
● jet black RAL 9005	8
● special colours p.992	X

LIGHT OPTIC COVER	
microprismatic (UGR ≤ 19)	

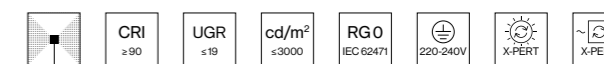
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 80	
CRI ≥ 98 XPECTRUM	

CONTROL	
dynamic daylight control	



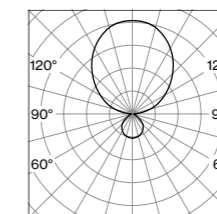
TASK square free standing



DIRECT / INDIRECT POWER

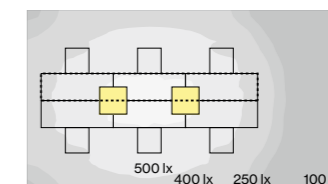
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
92W	3000K	↓ 2280 / ↑ 10000 lm	0 5 9 - 2 9 3 2 :: ▢ ▣ ▤ ▥ ▦ ▧ ▨ ▩
	4000K	↓ 2420 / ↑ 10700 lm	

Light distribution



microprismatic
direct / indirect power

Technical data



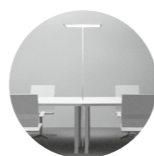
TASK square free standing
 92 W, 4000K, direct / indirect power

ROOM VALUES
 Room dimensions 7.2 × 4 × 2.8 m
 Reflection factor 0.7 | 0.5 | 0.2
 Maintenance factor 0.8

CALCULATION SURFACE
 Surface dimensions 4.8 × 0.6 m
 Surface height 0.75 m
 Average illuminance (E_m) > 500 lx



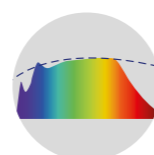
GLARE EVALUATION
 Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19
 65° ≤ 3000 cd/m²



suitable for
fourfold workstation



control by touch
DIM on pole



CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic





Fricke Verwaltung Heeslingen, DE –
lighting design by LUV Interior Hamburg



back



TASK

table

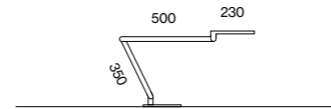
^{EN} Desk lamp in puristic design with high functionality; lamp head 360° rotatable and +/- 15° tiltable; surface powder coated; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; continuously adjustable dimming via optical sensor (10-100% analog); integrated USB charging socket for charging of a smart device; version with presence detector

^{FR} Lampe de bureau au design épuré et hautement fonctionnel ; tête de luminaire pivotant à 360° et orientable à +/- 15° ; surface thermolaquée ; distribution de lumière directe par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement guidée vers le bas par gravure laser ; éclairage parfaitement homogène ; LED économes en énergie à restitution de couleur élevée ; gradation en continu grâce à un capteur optique (10-100% analogue) ; prise de chargement USB intégrée pour le chargement d'un Smart Device ; version avec capteur de présence

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 up to 92lm/W
 L90 @ 50 000h
 DIM via optical sensor (10–100%)
 presence sensor
 opal

Type



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

MATERIAL COLOUR	
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER

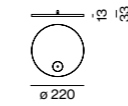
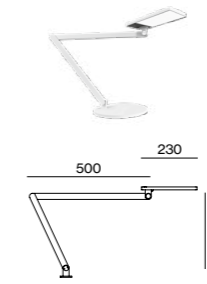
opal

Options on request

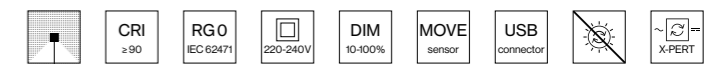
COLOUR RENDERING INDEX
 CRI ≥ 80

MOUNTING

table clamp, wall fastening



TASK table



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11W	3000K	950lm	0 5 9 - 2 8 1 1 : 7 <input checked="" type="checkbox"/> <input type="checkbox"/>
	4000K	1010lm	

Accessories

BASE PLATE

TYPE	Ø-H (mm)	ORDER CODE
base plate	ø220-13	0 5 9 - 2 8 9 1 1 1 <input checked="" type="checkbox"/>

TABLE CLAMP for hole ø68mm, 10–30mm range

TYPE	Ø-H (mm)	ORDER CODE
table clamp	ø75-77-88	0 5 9 - 2 8 9 2 1 1 <input checked="" type="checkbox"/>



360° rotatable,
±15° tiltable



presence
sensor



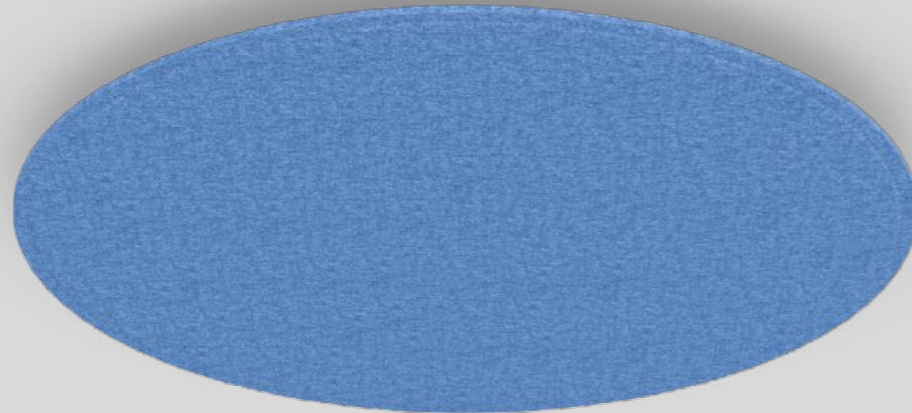
USB charging
socket

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover opal



WKO Vienna, AT –
by Architekturconsult
with lighting design by Hailight
Lichtplanung, Andreas Haidegger





TASK

acoustic elements

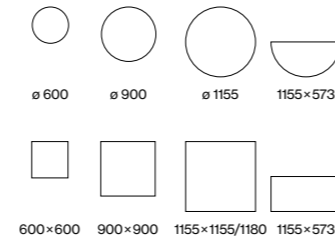
EN Acoustic element made of high-quality, self-supporting, recycled PET felt with sound absorbing properties; different versions: choice of round, square, half round or rectangular design; high-quality visual and tactile surface; direct sound is absorbed by the front-mounted fleece, sound reflected from the ceiling/wall by an additional, rear-mounted fleece; this creates high acoustic performance; choice of surface mounted and pendant versions with cable suspension; tool-less suspension height adjustment of the acoustic element

FR Élément acoustique en feutre PET recyclé, autoportant, haute qualité, doué de propriétés insonorisantes ; diverses variantes : forme au choix ronde, carrée, demi-ronde ou rectangulaire ; surface aux grandes qualités visuelles et tactiles ; absorption du bruit direct grâce à la façade en non-tissé, ainsi qu'absorption du bruit réfléchi par le plafond/mur grâce à une couche de non-tissé supplémentaire au dos ; pour de meilleures performances acoustiques ; variante au choix fixée ou suspendue avec suspension par câble ; réglage de la hauteur sans outil au niveau de l'élément acoustique

Quickinfo

PET felt
 ♻️ from recycled material
 up to absorption class A
 🔥 available as B-s1, d0

Types



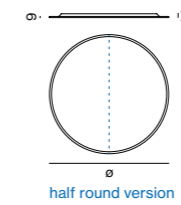
Colours



Order options

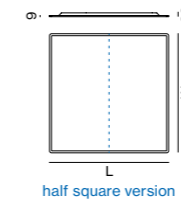
MOUNTING	
surface	1
surface	1
cable suspension 1500 mm	2

MATERIAL COLOUR	
○ white	W
● marble grey	D
● felt grey	G
● black	L
● special colours	☞ p.992 X



TASK ACOUSTIC round

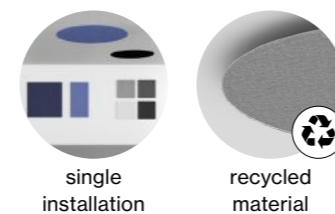
ACOUSTIC ELEMENT	Ø-H (mm)	ORDER CODE
TYPE		
600 round	600-30	059-579 34
900 round	900-30	059-579 35
1200 round	1155-30	059-579 36
1200 half round	1155-573-30	059-579 46



TASK ACOUSTIC square

ACOUSTIC ELEMENT	L-W-H (mm)	ORDER CODE
TYPE		
600 square	600-600-30	059-579 14
900 square	900-900-30	059-579 15
1200 square	1155-1155-30	059-579 16
1200 square wide*	1155-1180-30	059-579 66
1200 half square	1155-573-30	059-579 26

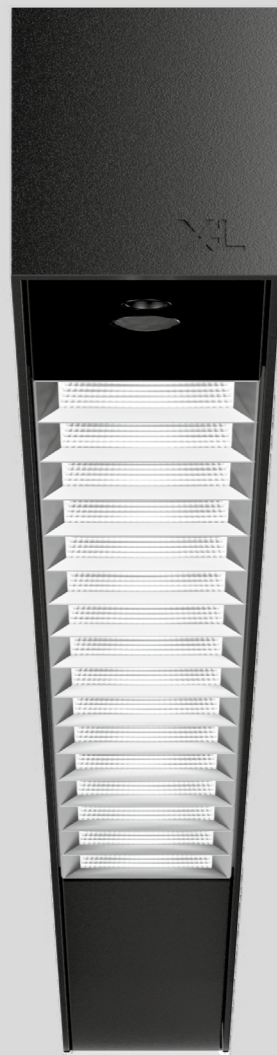
*for combination with TASK linear system & TASK S suspended





Meeting room
Visualisation

Slim and smart office light

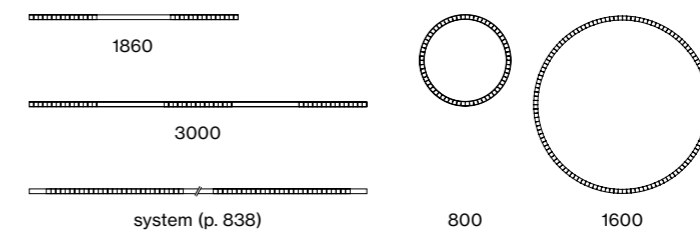


BETO

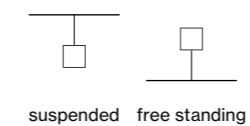
EN Extremely slim and powerful – BETO combines technical excellence with subtle, minimalist design. The BETO product family is available as free-standing luminaires, or a suspended version. All versions have custom reflectors for the best screen-appropriate working light; as a free-standing luminaire, ideally suited for single or double workstations, and in a matching suspended version for double or quadruple workstations. Circle and square luminaires complete the series. Free-standing and suspended versions have an indirect light component for ceiling illumination. The colour rendering value of up to $CRI \geq 98$ crafts a pleasant atmosphere. BETO comes in 3000 K or 4000 K light colours, or as a Tunable White option. The luminaire can be fitted with a presence and brightness sensor or a SENSE sensor which measures temperature, air quality, humidity, and noise levels. This allows the lighting to be adapted to the activities in the office while reducing energy costs.

FR La puissance toute en finesse – BETO allie l'excellence technique à un design subtil et épuré. La gamme BETO est disponible en version sur pied et suspendue. Quelle que soit la version choisie, le luminaire est doté de réflecteurs spéciaux pour un éclairage de travail optimal et adapté aux écrans : dans sa variante sur pied, il convient tout particulièrement aux postes de travail simples ou doubles, tandis que la version suspendue assortie est idéale pour les postes de travail doubles ou quadruples. Les versions sur pied et suspendue disposent d'une partie de lumière indirecte destinée à illuminer le plafond. L'indice de rendu des couleurs jusqu'à un $IRC \geq 98$ confère par ailleurs à la pièce une ambiance des plus agréables. BETO est disponible dans les températures de couleur 3000 K, 4000 K ou, en option, comme Tunable White. En option, le luminaire peut être équipé d'un capteur de présence et de luminosité mais également d'un capteur SENSE qui effectue aussi des mesures telles que la température, la qualité de l'air, l'humidité ambiante et le niveau sonore. Il est ainsi possible d'adapter l'éclairage aux activités du bureau tout en réduisant la facture d'énergie.

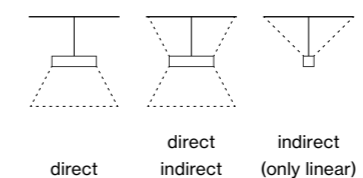
Types



Mountings



Light distributions



Variety

EN The BETO office luminaire series' elegant appearance combines successful room design with the best workplace lighting. As a free-standing luminaire, as a suspended luminaire, or as a system version – BETO offers a multifunctional lighting solution for a homogeneous appearance.

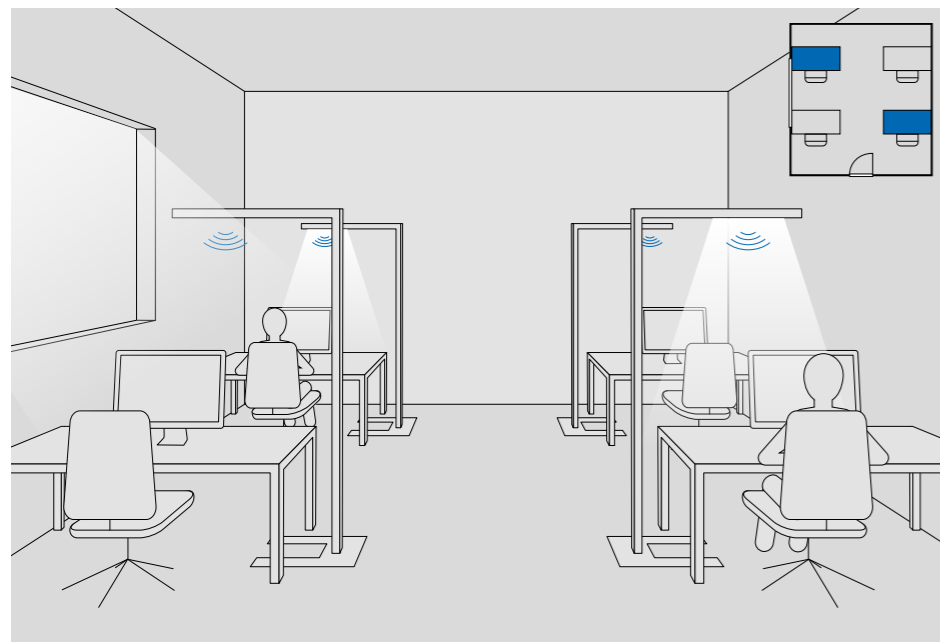
FR L'élégante apparence de la gamme de luminaires BETO Office associe un design d'intérieur du plus bel effet à un éclairage optimal du poste de travail. Décliné en version luminaire sur pied ou suspendu comme en variante système, BETO est une solution d'éclairage multifonctions à l'apparence homogène.



Work-friendly light

EN As an office luminaire, BETO guarantees illumination that is compliant with workplace standards (up to $UGR \leq 13$). Custom glare-free reflectors and the selected use of blind covers direct the light precisely to the work surface and reduce reflections. The direct/indirect version comes with special lens technology that distributes the indirect light component homogeneously and broadly into the room.

FR En tant que luminaire de bureaux, BETO garantit un éclairage conforme aux normes des postes de travail (jusqu'à $UGR \leq 13$). Des réflecteurs spécialement conçus pour réduire l'éblouissement et l'utilisation ciblée de protections dirigent la lumière avec précision sur le plan de travail et réduisent les reflets. Dans la formule directe/indirecte, un jeu spécial de lentilles répartit de manière homogène la très large composante de lumière indirecte dans la pièce.



Advanced sensor technology

EN A presence sensor controls the light at the workplace depending on the presence of an individual. In addition, a brightness sensor adjusts the light intensity to the ambient brightness. The SENSE version also measures values such as temperature, air quality, humidity, and noise level. These data provide important insights into the conditions and use of rooms and support energy savings in the long term. The sensor data is transmitted via DALI. The SENSE sensor is IoT ready and enables data transmission via WLAN.

FR Un capteur de présence régule la lumière au niveau du poste de travail selon qu'une personne y est présente ou non. Quant au capteur de luminosité, il adapte l'intensité lumineuse à la lumière ambiante. La variante SENSE effectue également des mesures telles que la température, la qualité de l'air, l'humidité et le niveau sonore. Autant de renseignements précieux concernant les conditions et l'utilisation des locaux, qui se traduisent notamment par des économies d'énergie à long terme. Les données provenant des capteurs sont transmises via DALI. Le capteur SENSE est prêt pour l'IoT et permet la transmission de données par WLAN.



ESSENTIAL sensor

- brightness
- presence

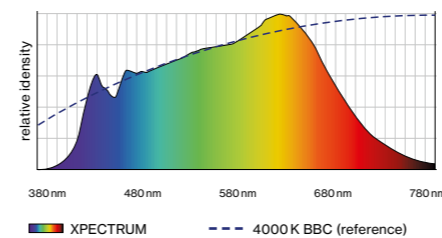


IoT ready

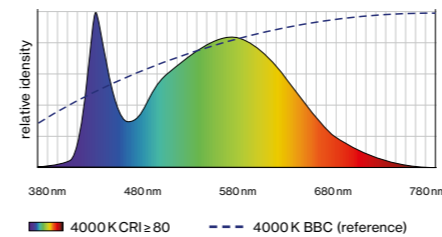
SENSE sensor

- brightness
- presence
- temperature
- humidity
- sound pressure
- CO₂

XPECTRUM LED



Commercially available LED 4000K

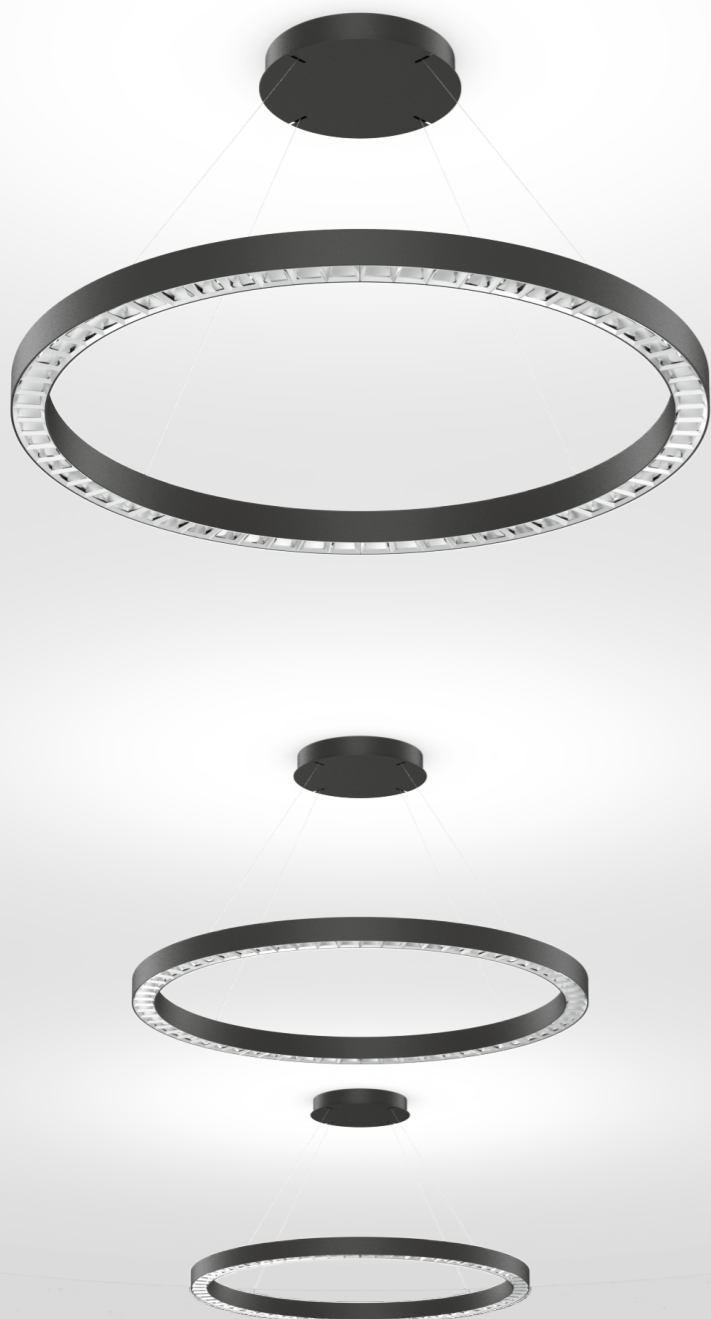


Full-spectrum LED

EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases sleep quality. The excellent colour rendering of IES TM 30-15 $R_f = 98$ and $R_g = 101$ further helps visual comfort.

FR La nouvelle LED XPECTRUM de XAL fournit une lumière saine et adaptée au rythme circadien. La réduction de la lumière bleue ainsi que l'augmentation des valeurs cyan réduisent le risque que représente pour l'œil la lumière bleue, retrouvant un niveau similaire à celui de la lumière du jour. Il en résulte un effet d'éclairage non visuel, dit mélanopique, qui favorise la concentration et améliore la qualité du sommeil. L'excellent rendu des couleurs de l'IES TM 30-15 $R_f = 98$ et $R_g = 101$ constitue un autre atout pour le confort visuel.

← back



BETO circle

suspended

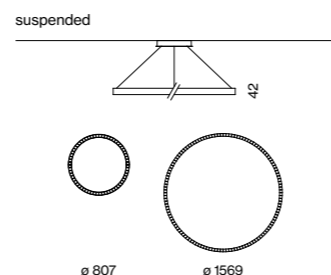
EN Ring shaped luminaire housing from rolled aluminium extruded profile, seamlessly welded; extremely slim design (only 42 x 42 mm); surface powder coated; pendant fitting with cable suspension; height adjustment without tools; with transparent feeder cable; electronic operating unit installed in the canopy; extruded profile for improved thermal management; high-gloss reflector with faceted design; direct or direct/indirect light distribution; indirect light component with integrated PC boards and high-quality lens system for maximum, homogeneous ceiling illumination; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en forme d'anneau en profil extrudé roulé en aluminium soudé sans trace visible ; forme extrêmement élancée (seulement 42x42 mm) ; surface thermolaquée ; suspension par câble ; réglage en hauteur sans outil ; conduit d'alimentation transparent inclus ; disp. électronique d'alimentation intégré au cache-piton ; profil extrudé pour une meilleure gestion de la température ; réflecteur ultra-brillant avec optique à facettes ; caractéristique de rayonnement direct ou direct / indirect ; dispositif de lumière indirecte avec platines dédiées et optique de lentille de grande qualité pour un éclairage de plafond homogène maximal ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 up to 145lm/W
 L90 @ 50 000h
 DALI-2
 reflector (UGR ≤ 19)

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE

3000K	5
4000K	6
tunable white 2700–6500 K*	D

*DALI-2 DT8

CONTROL

DALI-2

MATERIAL COLOUR

pure white RAL 9010 7
 jet black RAL 9005 8

LIGHT OPTIC COVER

reflector (UGR ≤ 19)

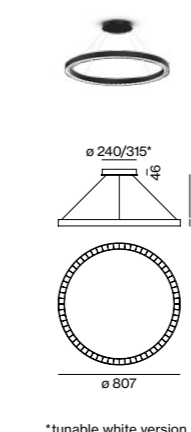
Options on request

COLOUR RENDERING INDEX

CRI ≥ 90
 CRI ≥ 98 XPECTRUM

CONTROL

Casambi



BETO circle 800 suspended



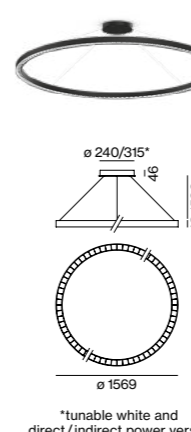
DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
52W	3000K	6720 lm	074-7403::3R
	4000K	7080 lm	



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
97W	3000K	↓ 6690 / ± 6400 lm	074-7443::3R
	4000K	↓ 7080 / ± 6780 lm	



BETO circle 1600 suspended



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
98W	3000K	13400 lm	074-7404::3R
	4000K	14200 lm	

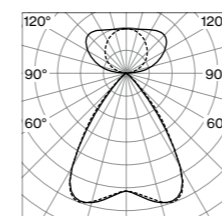


DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
190W	3000K	↓ 13400 / ± 12800 lm	074-7444::3R
	4000K	↓ 14200 / ± 13600 lm	

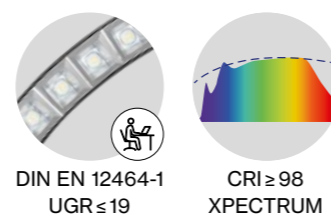
tunable white on request

Light distribution



reflector (UGR ≤ 19)
 direct/indirect power

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, reflector chrome



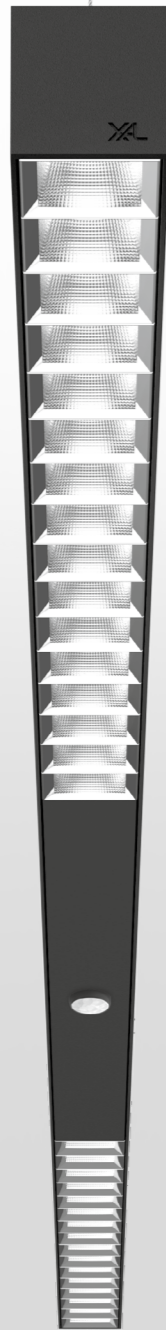
ALLPLAN Österreich GmbH
Graz, AT



Office OSTA
Harelbeke, BE



← back



BETO

suspended

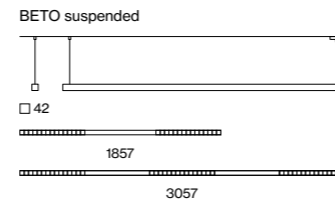
EN Luminaire housing from extruded aluminium profile, angular design; extremely slim design (only 42 x 42 mm); no visible screws; surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; extruded profile for improved thermal management; high-gloss reflector with faceted design; direct/indirect light distribution; indirect light component with integrated PC boards and high-quality lens system for maximum, homogeneous ceiling illumination, optionally separately controllable; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en profil extrudé en alu, version arête ; forme extrêmement élancée (seulement 42 x 42 mm) ; aucune vis visible ; surface thermolaquée ; suspension par câble ; réglage en hauteur sans outil au luminaire ; fixation au luminaire au moyen de clips à ressort ; positionnement libre ; conduit d'alimentation transparent inclus ; profil extrudé pour une meilleure gestion de la température ; réflecteur ultra-brillant avec optique à facettes ; caractéristique de rayonnement direct/indirect ; dispositif d'éclairage indirect avec platines dédiées et optique de lentille de grande qualité pour un éclairage maximal et homogène du plafond, contrôle séparé en option ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, 3 SDCM
 UGR ≤ 16 / 65° ≤ 1500 cd/m²
 up to 142lm/W
 L90 @ 50 000h
 DALI-2, DALI sensor
 reflector (UGR ≤ 16)

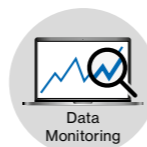
Types



Colours



Light distributions

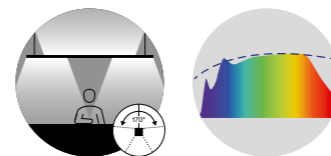


DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19

system
 solution (p. 838)



glare-free direct
 and 170° indirect
 illumination

CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6
tunable white 2700–6500K*	
*DALI-2 DT8	
3000K + TW 2700–6500K*	
4000K + TW 2700–6500K*	
*DALI-2 DT8 (separately controllable)	

CONTROL	
DALI-2	3
DALI-2 D/I separately control.*	4
DALI sensor	7
*not for tunable white 1857 mm; not for indirect power	

MATERIAL COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8

LIGHT OPTIC COVER	
reflector (UGR ≤ 16)	

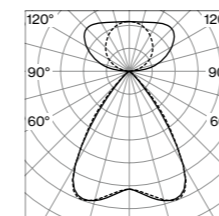
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

CONTROL	
Casambi	

TUNABLE WHITE	
direct light static 3000K or 4000K and indirect light tunable 2700–6500K	

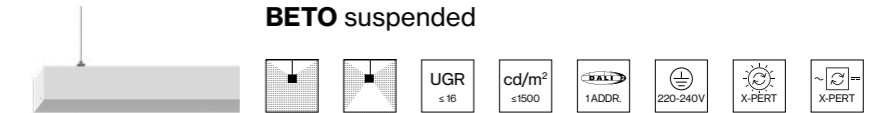
Light distribution



reflector (UGR ≤ 16)
 direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, reflector chrome

BETO suspended



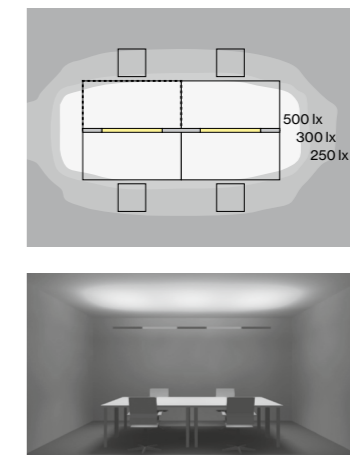
INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
63W	3000K	± 7680lm	3457	074-62N9
60W	4000K	± 8120lm		
	2700–6500K	± 7020lm	3457	074-62N9D

DIRECT/INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
55W	3000K	↓ 3350/± 3580lm	1857	074-6246
	4000K	↓ 3540/± 3790lm		
54W	3000K	↓ 3350lm	1857	074-62D654
(2×DALI)	2700–6500K	± 3120lm		
54W	4000K	↓ 3540lm	1857	074-62D664
(2×DALI)	2700–6500K	± 3120lm		
56W (2×)	2700–6500K	± 7030lm	1857	074-6246D
91W	3000K	↓ 5020/± 7160lm	3057	074-6249
	4000K	↓ 5310/± 7580lm		
90W	3000K	↓ 5020lm	3057	074-62D954
(2×DALI)	2700–6500K	± 6240lm		
90W	4000K	↓ 5310lm	3057	074-62D964
(2×DALI)	2700–6500K	± 6240lm		
93W (2×)	2700–6500K	± 12250lm	3057	074-6249D

Technical data



BETO suspended, 91W, 4000K
 direct/indirect power

ROOM VALUES	
Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.25m

CALCULATION SURFACE	
Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	> 500lx
Uniformity (U ₀)	> 0.6

GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
65° < 1500 cd/m²	

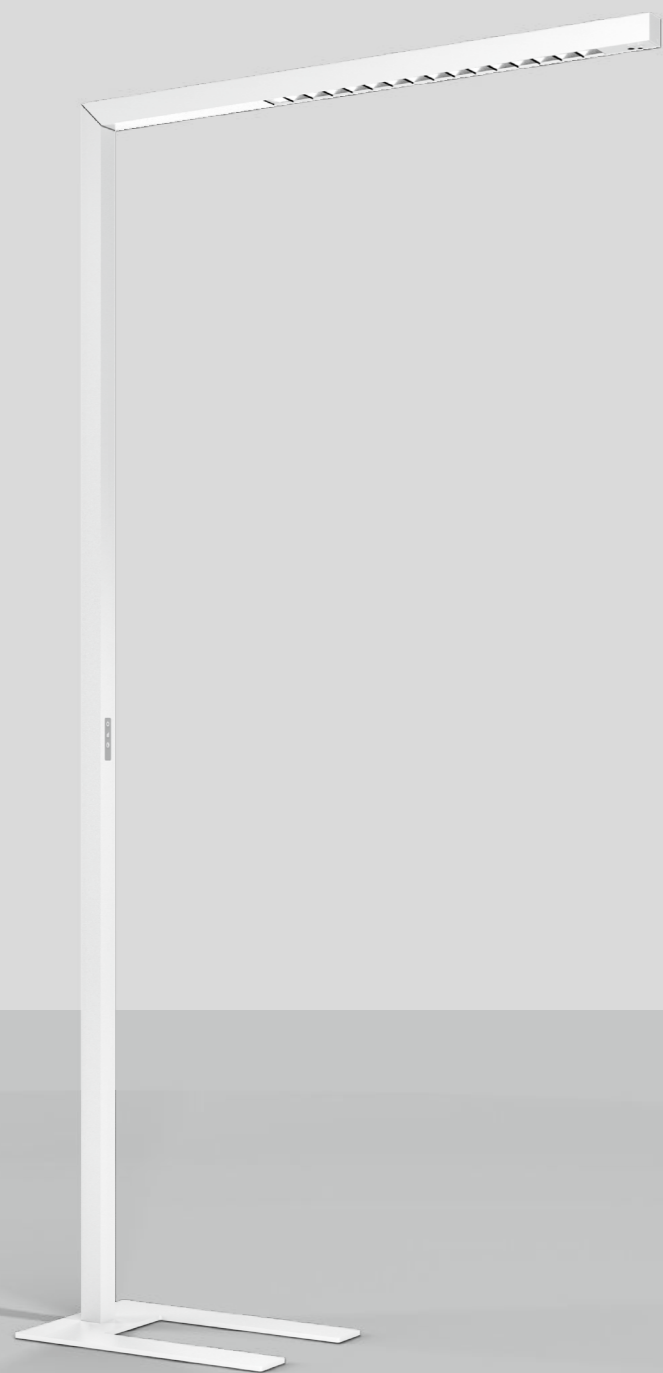
Creative Lab Barcelona, ES –
lighting design by MMAS Lighting



Granitlab Coworking St. Martin im Mühlkreis, AT –
by GHT-Plan GmbH with lighting design
by GHT-Plan GmbH, AREA C.I. Design GmbH



← back



BETO

free standing

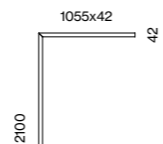
EN Free standing luminaire from extruded aluminium profile in angular design; extremely slim design (only 42 x 42 mm); rectangular downpipe; pedestal with recess for table base; surface powder coated; direct/indirect light distribution; direct light component with high-gloss reflector + faceted design and asymmetric radiation characteristic; indirect light component with integrated PC boards and high-quality lens system for maximum, homogeneous ceiling illumination; energy-efficient LEDs with very good colour rendering; switch installed in the downpipe; presence sensor detection range \varnothing 4.5 m on the floor (variant brightness & presence sensor); incl. connection cable (3m) with safety plug

FR Lampadaire en profil extrudé en aluminium en version à bords en arête ; forme extrêmement élançée (seulement 42 x 42 mm) ; tube carré ; pied avec échancrure pour pied de table ; surface thermolaquée ; caractéristique de rayonnement direct/indirect ; partie de lumière directe avec réflecteur ultra-brillant + optique à facettes et rayonnement asymétrique ; dispositif de lumière indirecte avec plaques dédiées et optique de lentille de grande qualité pour un éclairage de plafond homogène maximal ; LED économes en énergie à restitution de couleur élevée ; interrupteur intégré dans le tube ; capteur de présence - zone d'enregistrement \varnothing 4,5 m au sol (variante brightness & presence sensor) ; incl. câble raccordement (3m) avec fiche contact de protection

Quickinfo

3000K, 4000K
 CRI \geq 80, 3 SDCM
 up to 127lm/W
 L90 @ 50 000h
 touch DIM
 brightness & presence sensor
 reflector (UGR \leq 13)

Type



Colours

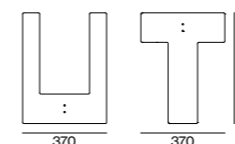


Light distributions



Order options

BASE PLATE	
U-shape	4
T-shape	5



COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
touch DIM on pole	1
ESSENTIAL sensor (brightness & presence)	7

MATERIAL COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8
● special colours p. 992	X

LIGHT OPTIC COVER	
reflector (UGR \leq 13)	

Options on request

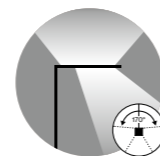
COLOUR RENDERING INDEX	
CRI \geq 90	
CRI \geq 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500 K	
DALI-2 DT8	

CONTROL	
SENSE sensor (brightness, presence, temperature, sound pressure, humidity, CO ₂)	
cluster network DIM	
dynamic daylight control (BPI)	
Zigbee 3.0	



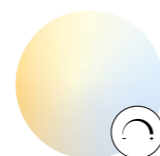
lighting control by touch DIM on pole



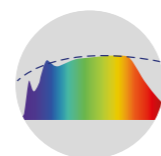
asymmetric illumination



SENSE sensor on request

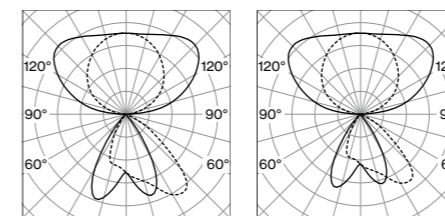


tunable white 2700–6500 K



CRI \geq 98 XPECTRUM

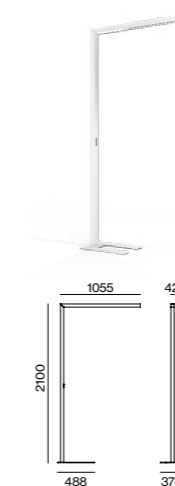
Light distributions



reflector (UGR \leq 13)
direct/indirect

reflector (UGR \leq 13)
direct/indirect power

LUMINOUS FLUX value calculated for CRI \geq 80, colour white, reflector chrome



BETO free standing



DIRECT/INDIRECT SOFT

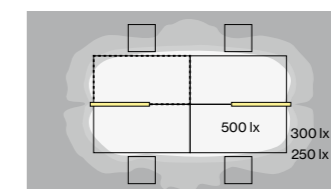
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
59 W	3000 K	↓ 1850 / ↑ 5240 lm	0 7 4 - 6 9 4 U :: ◊ ▽ R
	4000 K	↓ 1950 / ↑ 5550 lm	



DIRECT/INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
76 W	3000 K	↓ 2090 / ↑ 6920 lm	0 7 4 - 6 9 5 U :: ◊ ▽ R
	4000 K	↓ 2210 / ↑ 7330 lm	

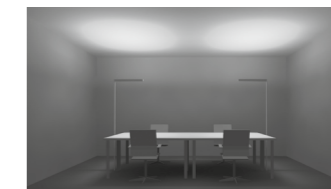
Technical data



BETO free standing, 76W, 4000K
direct/indirect power

ROOM VALUES	
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE	
Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	\leq 19
UGR axial	\leq 19



Tribünen der Trabrennbahn
Vienna, AT



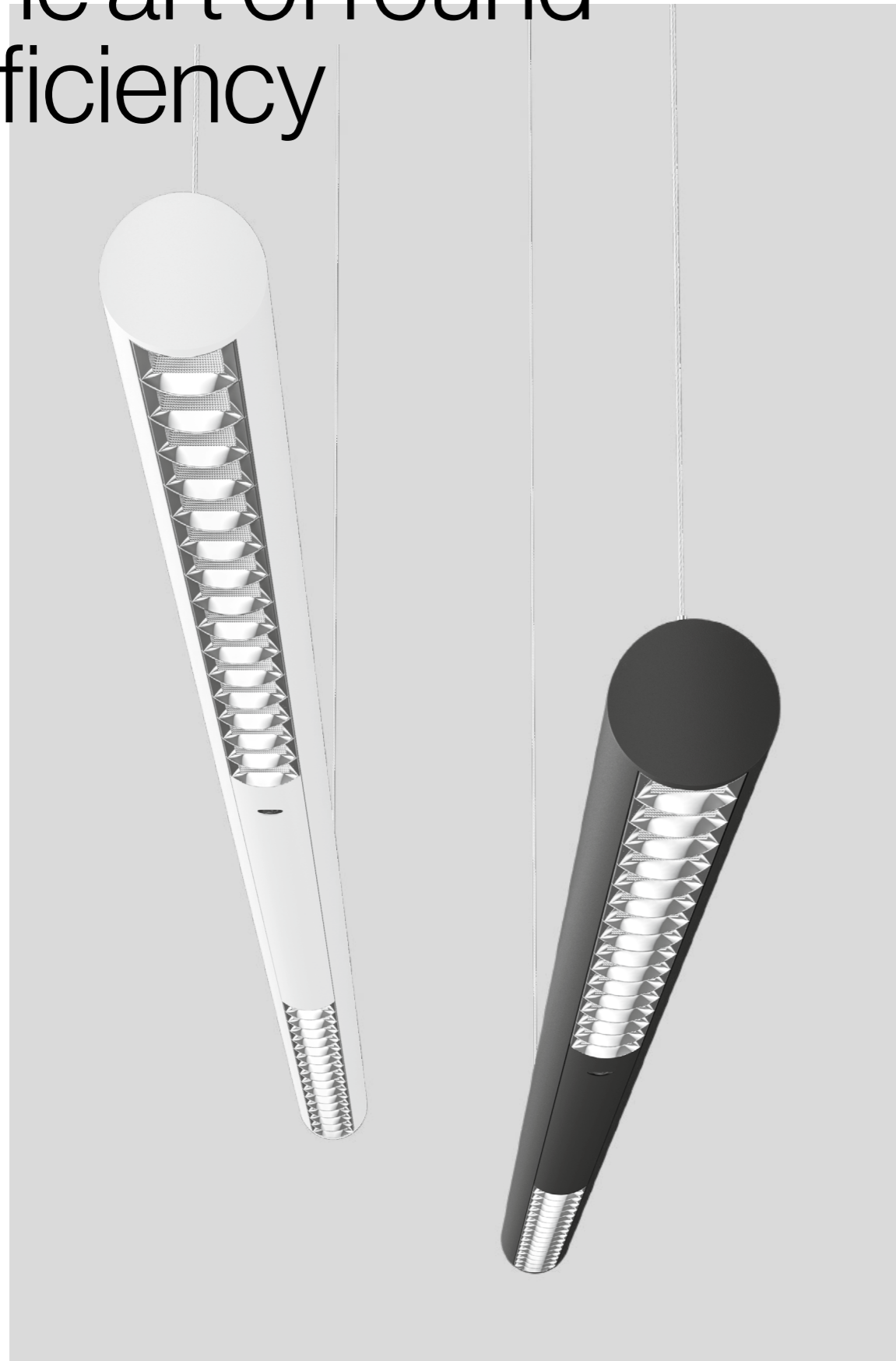


Tribünen der Trabrennbahn
Vienna, AT

ALLPAN Österreich GmbH
Graz, AT



The art of round efficiency

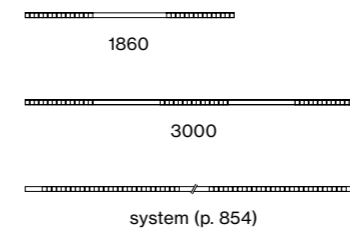


SETA

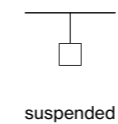
EN The SETA luminaire was developed specifically for office environments. Its sleek design and powerful illumination are impressive. Special reflectors provide the ideal screen work light. The integrated indirect light component creates homogeneous ceiling illumination; the colour rendering value of up to $\text{CRI} \geq 98$ ensures a pleasant room and work atmosphere. SETA can be used as a pendant luminaire for double and quadruple workstations, and can optionally be equipped with a presence and brightness sensor. SETA is the optimum for minimalist design, excellent technology, and low energy costs. The luminaire comes in light colours 3000K, 4000K, or Tunable White.

FR Sobriété du design, vaste choix de couleurs et remarquables performances d'éclairage : le luminaire SETA, conçu tout spécialement pour les environnements de bureau, ne manque pas d'atouts. Grâce aux réflecteurs spéciaux, la lumière produite se révèle idéale pour le travail sur écran. La part de lumière indirecte intégrée se traduit par un éclairage homogène du plafond, l'indice de rendu des couleurs jusqu'à un $\text{IRC} \geq 98$ créant une ambiance de travail des plus agréables. SETA fait des merveilles en tant que luminaire suspendu pour postes de travail doubles ou quadruples et peut être équipé au choix d'un capteur de présence et de luminosité. Le luminaire SETA est un must en matière de design minimaliste, de technologie d'excellence et de faibles coûts énergétiques. Il est disponible dans les températures de couleur 3000K, 4000K ou, en option, comme Tunable White.

Types

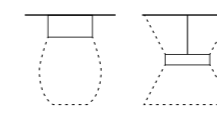


Mounting



suspended

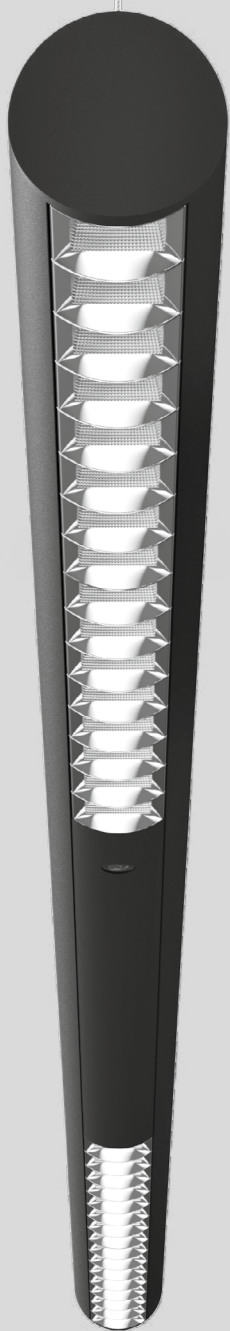
Light distributions



reflector
($\text{UGR} \leq 19$)

direct
indirect

← back



SETA

suspended

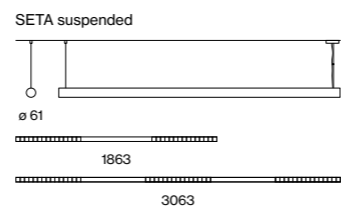
EN Luminaire housing from extruded aluminium profile, round design; extremely slim design (only $\varnothing 61$ mm); no visible screws; surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; extruded profile for improved thermal management; high-gloss reflector with faceted design; direct/indirect light distribution; indirect light component with integrated PC boards and high-quality lens system for maximum, homogeneous ceiling illumination, optionally separately controllable; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en profil extrudé en alu, version rond ; forme extrêmement élancée (seulement $\varnothing 61$ mm) ; aucune vis visible ; surface thermolaquée ; suspension par câble ; réglage en hauteur sans outil au luminaire ; fixation au luminaire au moyen de clips à ressort ; positionnement libre ; conduit d'alimentation transparent inclus ; profil extrudé pour une meilleure gestion de la température ; réflecteur ultra-brillant avec optique à facettes ; caractéristique de rayonnement direct/indirect ; dispositif d'éclairage indirect avec platines dédiées et optique de lentille de grande qualité pour un éclairage maximal et homogène du plafond, contrôle séparé en option ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80 , 3 SDCM
 UGR ≤ 16 / $65^\circ \leq 1500$ cd/m²
 L 1860 up to $\downarrow 3540 / \uparrow 3790$ lm
 L 3000 up to $\downarrow 5310 / \uparrow 7580$ lm
 up to 142 lm/W
 L90 @ 50 000h
 DALI-2, DALI sensor
 reflector (UGR ≤ 16)

Types



Colours



Light distribution



DiiA® standards
 251, 252, 253



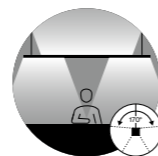
special end cap &
 reflector design



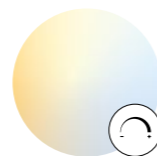
DIN EN 12464-1
 UGR ≤ 19



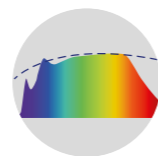
system
 solution (p.854)



glare-free direct
 and 170° indirect
 illumination



tunable white
 2700–6500 K



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6
tunable white 2700–6500 K*	

*DALI-2 DT8

3000 K + TW 2700–6500 K*	
4000 K + TW 2700–6500 K*	

*DALI-2 DT8 (separately controllable)

CONTROL

DALI-2	3
DALI-2 D/I separately control.*	4
DALI sensor	7

*not for tunable white 1857 mm

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

LIGHT OPTIC COVER

reflector (UGR ≤ 16)

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90
 CRI ≥ 98 XPECTRUM

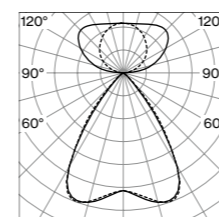
TUNABLE WHITE

direct light static 3000 K
 or 4000 K and indirect light
 tunable 2700–6500 K

MATERIAL COLOUR

grey

Light distribution



reflector (UGR ≤ 16)
 direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥ 80 , colour white, reflector chrome

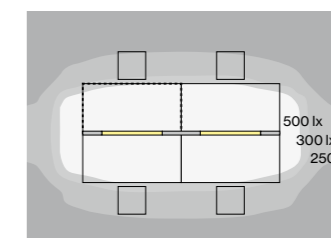
SETA suspended



DIRECT/INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
55 W	3000 K	$\downarrow 3350 / \uparrow 3580$ lm	1863	074-5246
	4000 K	$\downarrow 3540 / \uparrow 3790$ lm		
54 W (2×DALI)	3000 K	$\downarrow 3350$ lm	1863	074-52D654
	4000 K	$\downarrow 3540$ lm		
54 W (2×DALI)	2700–6500 K	$\uparrow 3120$ lm	1863	074-52D664
	2700–6500 K	$\uparrow 3120$ lm		
56 W (2×)	2700–6500 K	$\uparrow 7030$ lm	1863	074-5246D
91 W	3000 K	$\downarrow 5020 / \uparrow 7160$ lm	3063	074-5249
	4000 K	$\downarrow 5310 / \uparrow 7580$ lm		
90 W (2×DALI)	3000 K	$\downarrow 5020$ lm	3063	074-52D954
	2700–6500 K	$\uparrow 6240$ lm		
90 W (2×DALI)	4000 K	$\downarrow 5310$ lm	3063	074-52D964
	2700–6500 K	$\uparrow 6240$ lm		
93 W (2×)	2700–6500 K	$\uparrow 12250$ lm	3063	074-5249D

Technical data



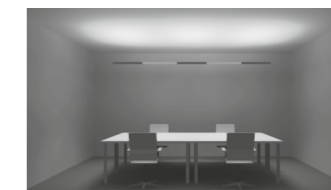
SETA suspended, 91W, 4000K
 direct/indirect power

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.25 m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



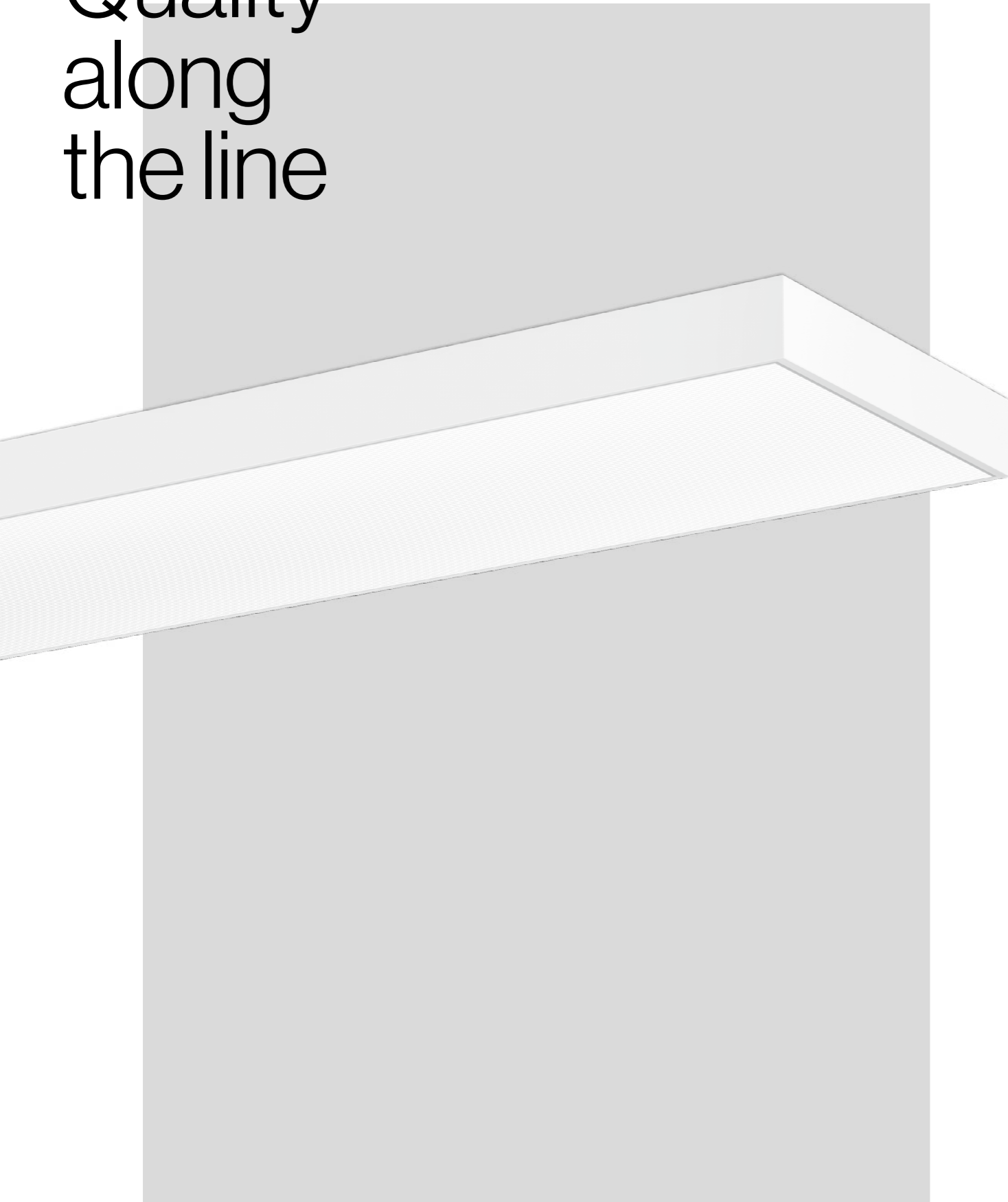
GLARE EVALUATION

Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19
 65° < 1500 cd/m²

Office
Visualisation



Quality along the line



LENO

EN The extremely flat LENO profile luminaire is surprisingly versatile. It is available as a recessed, semi-recessed or surface-mounted version for wall or ceiling mounting, in a suspended version. LENO and its microprismatic cover create ideal work light. The version with an opal cover is best suited for homogeneous room lighting. The variant with asymmetrical beam distribution illuminates walls homogeneously. LENO Jut-Out adds further ceiling illumination by employing discreet lateral radiation. By simply fixing the insets magnetically, assembly is quick and flexible.

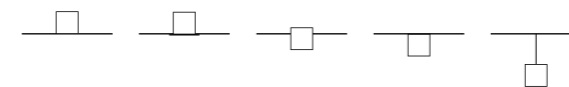
FR LENO est un luminaire profilé extrêmement plat qui se démarque par son côté polyvalent. Il est disponible en version encastrée, semi-encastrée ou apparente à monter sur mur ou plafond, sans oublier la variante suspendue. Doté d'un diffuseur microprismatique, LENO crée un éclairage idéal pour travailler. La variante avec diffuseur opale contribue à l'homogénéité de l'éclairage de la pièce. Dans sa version asymétrique, les murs sont éclairés de manière homogène, tandis que LENO Jut-Out génère un éclairage supplémentaire au plafond par un discret rayonnement latéral. La fixation magnétique des insets se traduit par un montage d'une remarquable rapidité et flexibilité.

Type



90

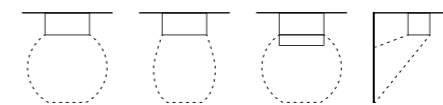
Mountings

trimless
recessedtrim
recessedsemi-
recessed

surface

suspended

Light distributions



opal

microprismatic
(UGR ≤ 19)

jut-out

wallwasher

← back



LENO

recessed with trim/trimless

EN Low profile recessed channel; suitable for trimless installation in 12.5mm plasterboard ceilings, or with trim; wall or ceiling mounting; powder coated; special edge design with grooves for better adhesion of filler (trimless); easy mounting without need to cut the substructure; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light, directed downwards by LGP body (Light Guiding Prism) and highly efficient reflector; homogeneously illuminated, satinised (flush or jut-out) or microprismatic PMMA cover; optional asym. light distribution; energy-eff. LEDs – very good colour rendering; external converter for ceiling insertion

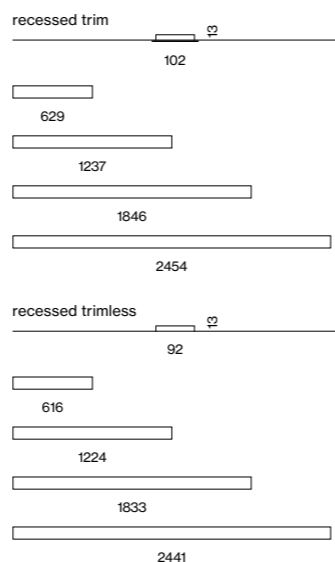
FR Canal à encastrer extrêmement plat ; convient pour un encastrement sans bord en plafonds en placoplâtre de 12,5mm, ou avec bord continu ; montage mur ou plafond ; thermolaquée ; formation de bords spéciaux avec cannelures pour meilleure adhérence du l'enduit (trimless) ; montage simple sans découpage de la sous-construction ; élément d'éclairage antichute en profil d'aluminium extrudé pour montage en canal sans outil au moyen de fixations magnétiques ; lumière couplée latéralement guidée vers le bas par LGP Body (Light Guiding Prism) et réflecteur haut. efficace ; cache éclairé de façon homogène, satiné (affleurant ou en saillie) ou microprismatique en PMMA ; en option diffusion asym. de la lumière ; LED à haut rend. énerg. – excellent rendu coul. ; convertisseur externe pour fente plafond



Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 137lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic (UGR ≤ 19),
 jut-out, asymmetric wallwasher

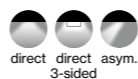
Types



Colour



Light distributions



Data Monitoring

DiiA® standards
251, 252, 253

system
solution (p.862)

microprismatic
UGR ≤ 19

quick
installation

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
DALI-2	

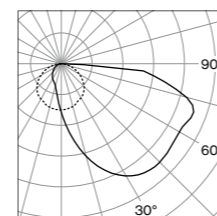
MATERIAL COLOUR	
○ traffic white RAL 9016	

LIGHT OPTIC COVER	
opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J
asymmetric	

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	

Light distribution



asymmetric

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal microprismatic -5%, jut-out -4%

LENO trim



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.8 W	3000K	1230lm	629	051-8412::37□
19.1W	4000K	1300lm		
19.1W	3000K	2450lm	1237	051-8414::37□
	4000K	2600lm		
28.6 W	3000K	3680lm	1846	051-8416::37□
	4000K	3890lm		
38 W	3000K	4900lm	2454	051-8418::37□
	4000K	5190lm		
15.6 W	3000K	1570lm	616	051-8412::37A
asym.	4000K	1660lm		
31W	3000K	3140lm	1237	051-8414::37A
asym.	4000K	3330lm		
47 W	3000K	4710lm	1846	051-8416::37A
asym.	4000K	4990lm		
62W	3000K	6280lm	2454	051-8418::37A
asym.	4000K	6650lm		

LENO trimless



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.8 W	3000K	1230lm	616	051-8312::37□
	4000K	1300lm		
19.1W	3000K	2450lm	1224	051-8314::37□
	4000K	2600lm		
28.6 W	3000K	3680lm	1833	051-8316::37□
	4000K	3890lm		
38 W	3000K	4900lm	2441	051-8318::37□
	4000K	5190lm		
15.6 W	3000K	1570lm	616	051-8312::37A
asym.	4000K	1660lm		
31W	3000K	3140lm	1224	051-8314::37A
asym.	4000K	3330lm		
47 W	3000K	4710lm	1833	051-8316::37A
asym.	4000K	4990lm		
62W	3000K	6280lm	2441	051-8318::37A
asym.	4000K	6650lm		

Accessories

DISMOUNTING TOOL



TYPE	ORDER CODE
vacuum cup	086-30000

Technical data

see page 497

Vaucluse House Sydney, AU –
by EST Lighting



← back



LENO

semi-recessed

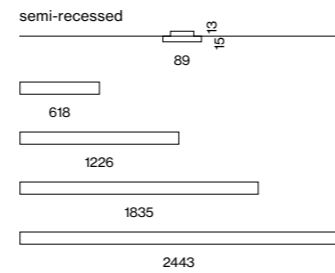
EN Low profile recessed mounted luminaire, 15 mm visible height; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; surface powder coated; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light, directed downwards by LGP body (Light Guiding Prism) and highly efficient reflector; homogeneously illuminated, satinised (flush or jut-out) or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering

FR Luminaire à encastrer extrêmement plat avec 15 mm de hauteur visible ; convient au montage au plafond ou mural ; convient au montage dans du béton enduit ou béton apparent, constructions en placoplâtre et dans les murs ou plafonds enduits ; surface thermolaquée ; élément d'éclairage antichute en profil d'aluminium extrudé pour montage en canal sans outil au moyen de fixations magnétiques ; lumière couplée latéralement guidée vers le bas par LGP Body (Light Guiding Prism) et réflecteur haut. efficace ; cache éclairé de façon homogène, satiné (affleurant ou en saillie) ou microprismatique en PMMA ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 137lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic (UGR ≤ 19),
 jut-out

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
DALI-2	

MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8

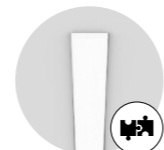
LIGHT OPTIC COVER	
opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

Options on request

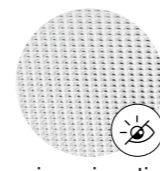
COLOUR RENDERING INDEX	
CRI ≥ 90	



DiiA® standards
251, 252, 253



system
solution (p.870)

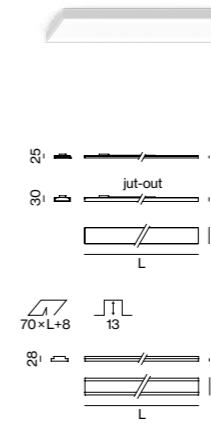


microprismatic
UGR ≤ 19

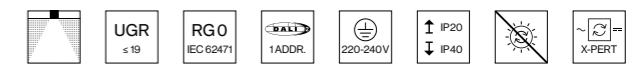


quick
installation

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprismatic -5%, jut-out -4%



LENO semi-recessed



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.8 W	3000K	1230lm	618	05 1-85 1 2 :: 3 ▣
19.1 W	4000K	1300lm	1226	05 1-85 1 4 :: 3 ▣
28.6 W	3000K	2450lm	1835	05 1-85 1 6 :: 3 ▣
38 W	4000K	2600lm	2443	05 1-85 1 8 :: 3 ▣
	3000K	3680lm		
	4000K	3890lm		
	3000K	4900lm		
	4000K	5190lm		

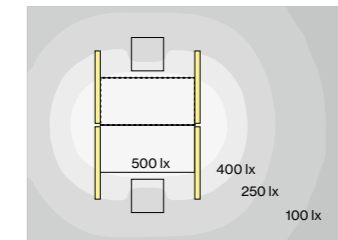
Accessories



DISMOUNTING TOOL

TYPE	ORDER CODE
vacuum cup	086-30000

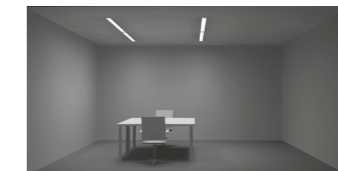
Technical data



LENO semi-recessed, 19.1W, 4000K

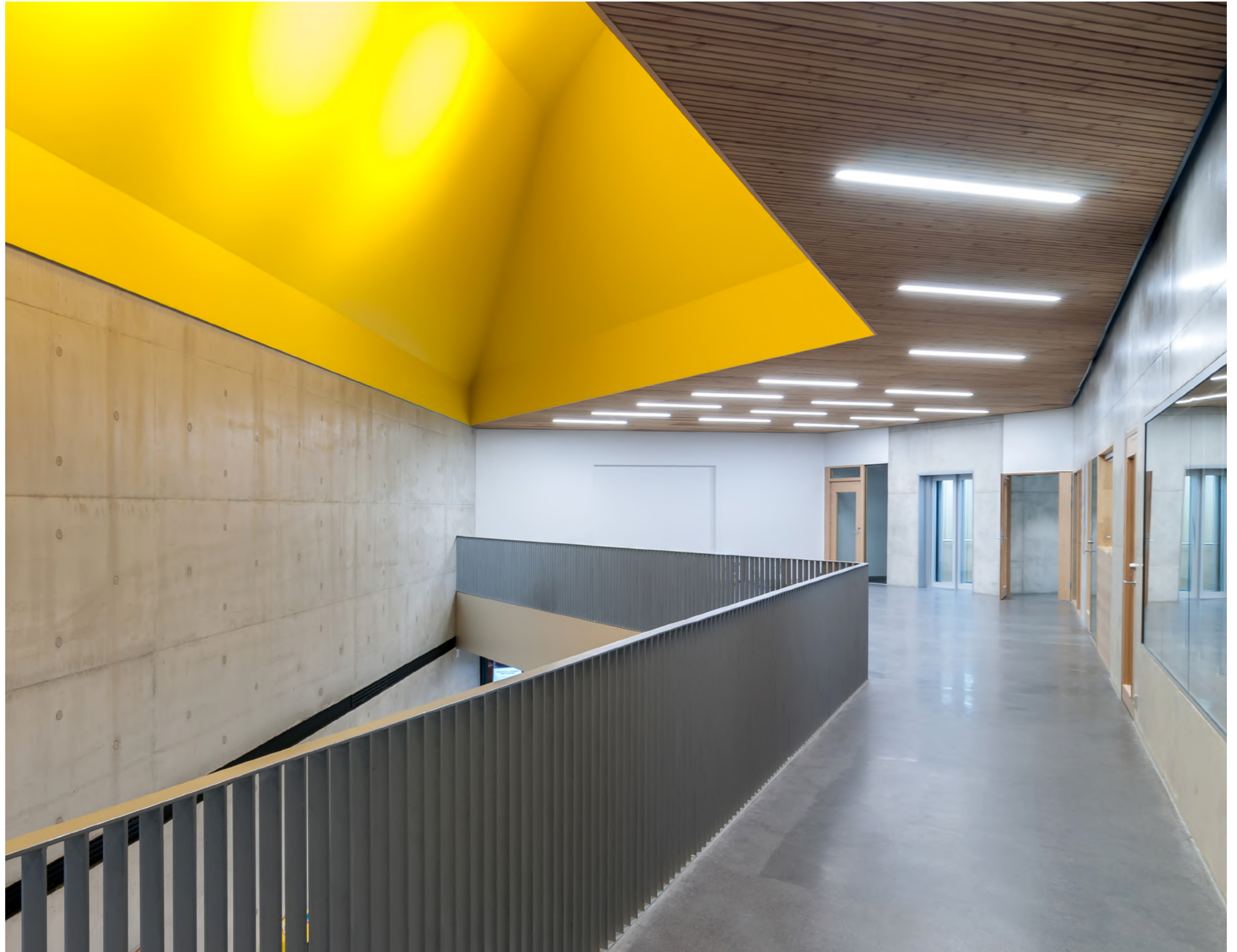
ROOM VALUES	
Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE	
Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	>500 lx
Uniformity (U ₀)	>0.6



GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19

Maunulan työväenopisto
Helsinki, FI –
by KS2 Architects



back



LENO

surface

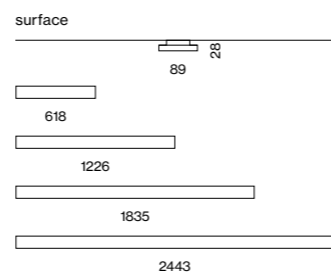
EN Low profile surface mounted luminaire, 28 mm total height; suitable for wall or ceiling mounting; surface powder coated; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light, directed downwards by LGP body (Light Guiding Prism) and highly efficient reflector; homogeneously illuminated, satinised (flush or jut-out) or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering

FR Luminaire en saillie extrêmement plat d'une hauteur totale de 28 mm ; convient au montage au plafond ou mural ; surface thermolaquée ; élément d'éclairage antichute en profil d'aluminium extrudé pour montage en canal sans outil au moyen de fixations magnétiques ; lumière couplée latéralement guidée vers le bas par LGP Body (Light Guiding Prism) et réflecteur haut. efficace ; cache éclairé de façon homogène, satiné (affleurant ou en saillie) ou microprismatique en PMMA ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 137lm/W
L90 @ 50 000h
DALI-2
opal, microprismatic (UGR ≤ 19),
jut-out

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> jet black RAL 9005	8

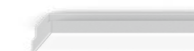
LIGHT OPTIC COVER

opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

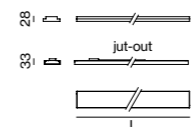
Options on request

COLOUR RENDERING INDEX

CRI ≥ 90



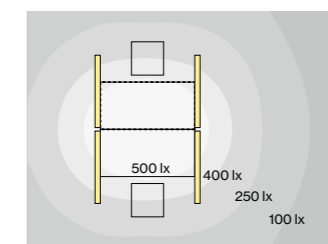
LENO surface



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.8 W	3000K	1230 lm	618	05 1-9 1 1 2 :: 3 ▣ □
19.1 W	4000K	1300 lm		
19.1 W	3000K	2450 lm	1226	05 1-9 1 1 4 :: 3 ▣ □
19.1 W	4000K	2600 lm		
28.6 W	3000K	3680 lm	1835	05 1-9 1 1 6 :: 3 ▣ □
28.6 W	4000K	3890 lm		
38 W	3000K	4900 lm	2443	05 1-9 1 1 8 :: 3 ▣ □
38 W	4000K	5190 lm		

Technical data



LENO surface, microprismatic,
19.1W, 4000K

ROOM VALUES

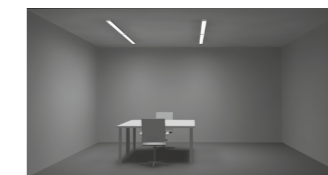
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6

GLARE EVALUATION

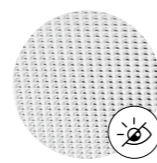
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19



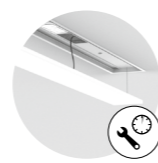
DiiA® standards
251, 252, 253



system
solution (p.874)



microprismatic
UGR ≤ 19



quick
installation

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprismatic -5%, jut-out -4%

Private Residence
Hausmannstätten, AT –
by DI Thomas Schwed



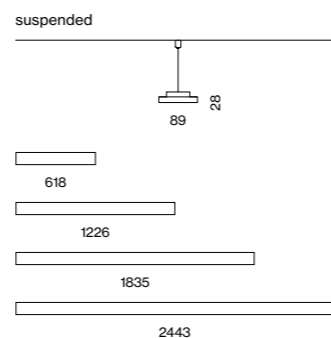
back



Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 137lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic (UGR ≤ 19),
 jut-out

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

- traffic white RAL 9016 7
 jet black RAL 9005 8

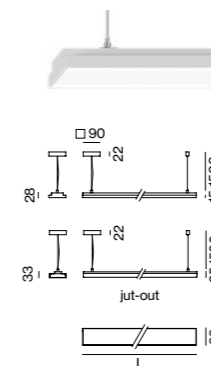
LIGHT OPTIC COVER

opal high performance H
 microprismatic (UGR ≤ 19) G
 jut-out J

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90



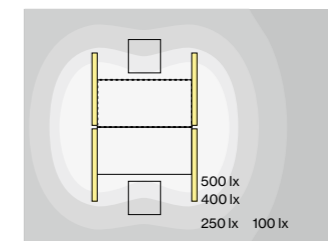
LENO suspended



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.8 W	3000K	1230lm	618	05 1-9 2 1 2 :: 3 ▣
19.1 W	3000K	2450lm	1226	05 1-9 2 1 4 :: 3 ▣
28.6 W	3000K	3680lm	1835	05 1-9 2 1 6 :: 3 ▣
38 W	3000K	4900lm	2443	05 1-9 2 1 8 :: 3 ▣
	4000K	1300lm		
	4000K	2600lm		
	4000K	3890lm		
	4000K	5190lm		

Technical data



LENO suspended, microprismatic,
 19.1W, 4000K

ROOM VALUES

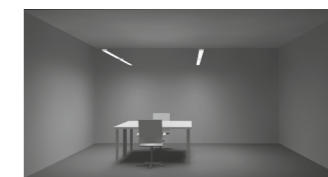
Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.25m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	>500lx
Uniformity (U ₀)	>0.6

GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19



LENO

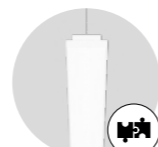
suspended

EN Low profile suspended luminaire, 28 mm total height; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. transparent feed; surface powder coated; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light, directed downwards by LGP body (Light Guiding Prism) and highly efficient reflector; homogeneously illuminated, satinised (flush or jut-out) or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering

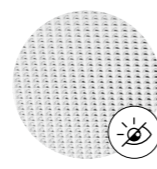
FR Luminaire suspendu extrêmement plat d'une hauteur totale de 28 mm ; suspension par câble ; réglage en hauteur sans outil au luminaire ; incl. conduit d'alimentation transparent ; surface thermolaquée ; élément d'éclairage antichute en profil d'aluminium extrudé pour montage en canal sans outil au moyen de fixations magnétiques ; lumière couplée latéralement guidée vers le bas par LGP Body (Light Guiding Prism) et réflecteur haut. efficace ; cache éclairé de façon homogène, satiné (affleurant ou en saillie) ou microprismatique en PMMA ; LED économes en énergie à restitution de couleur élevée



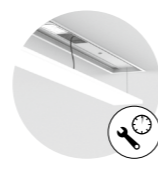
DiiA® standards
 251, 252, 253



system
 solution (p.876)



microprismatic
 UGR ≤ 19



quick
 installation

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprismatic -5%, jut-out -4%

Amvest headquarters Amsterdam, NL –
by Firm Architects with lighting design
by Maichel Kusters



Sharpen your profile



MINIMAL

EN Minimalism par excellence: If you like straightforward design, then MINIMAL is perfect for you. Aimed at interiors, the recessed profile luminaire can be seamlessly integrated into all rooms and interiors with style. The single luminaire is trimless, available in different lengths, and varies the desired room effect with the light colours 3000K, 4000K, or Tunable White. Homogenous room illumination is achieved with the opal cover. For standard-compliant workplace lighting, the microprismatic cover version is the best choice.

FR Le minimalisme par excellence : adeptes de design rectiligne, le MINIMAL est fait pour vous. Le luminaire profilé encastré, orienté vers les espaces intérieurs, s'intègre à merveille à tous les espaces et à leur intérieur, avec toujours beaucoup de style. Le luminaire individuel sans bord et disponible dans différentes longueurs permet de faire varier l'effet souhaité avec les températures de couleur 3000K, 4000K ou comme Tunable White. L'éclairage homogène de la pièce est assuré par le diffuseur opale. Pour éclairer les postes de travail conformément aux normes en vigueur, on préférera la version avec diffuseur microprismatique.

Types



60

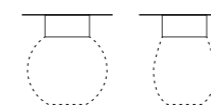
100

Mounting



trimless
recessed

Light distributions



opal

microprismatic
(UGR ≤ 19)

back



MINIMAL 60

recessed trimless

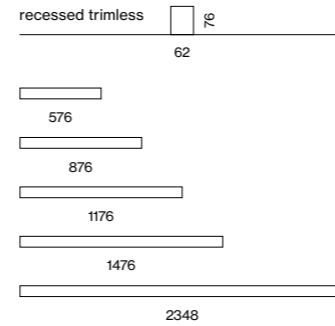
EN Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with grooves for better adhesion of filler; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; microprismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en profil extrudé en aluminium ; convient à encastrement sans bord en plafond en placoplâtre ; formation de bords spéciaux avec cannelures pour meilleure adhérence de l'enduit ; convient aux épaisseurs de plafond de 8-25 mm ; surface thermolaquée ; Profilé de luminaire pour montage livrable avant ; composants restants du luminaire montable sans outil ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 125lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



Colour



Light distributions



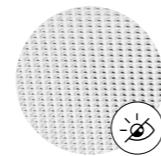
micropr. opal



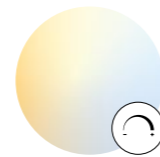
DiiA® standards
 251, 252, 253



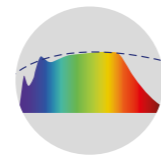
system
 solution (p. 880)



microprismatic
 UGR ≤ 19



tunable white
 2700–6500K



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

traffic white RAL 9016

LIGHT OPTIC COVER

opal high performance H
 microprismatic Z
 microprismatic (UGR ≤ 19)* G

*UGR ≤ 19 only with mid lumen

Options on request

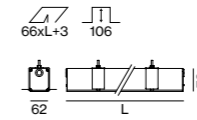
COLOUR RENDERING INDEX

CRI ≥ 90
 CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE

tunable white 2700–6500K

DALI-2 DT8



MINIMAL 60 trimless



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	902lm	576	0 5 2 - 3 2 L 2 :: 1 7 □
	4000K	955lm		
13W	3000K	1350lm	876	0 5 2 - 3 2 L 3 :: 1 7 □
	4000K	1430lm		
15.3W	3000K	1800lm	1176	0 5 2 - 3 2 L 4 :: 1 7 □
	4000K	1910lm		
19.2W	3000K	2250lm	1476	0 5 2 - 3 2 L 5 :: 1 7 □
	4000K	2390lm		
31W	3000K	3610lm	2348	0 5 2 - 3 2 L 8 :: 1 7 □
	4000K	3820lm		

HIGH LUMEN

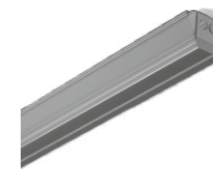
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1490lm	576	0 5 2 - 3 2 M 2 :: 7 □
	4000K	1580lm		
20.6W	3000K	2240lm	876	0 5 2 - 3 2 M 3 :: 7 □
	4000K	2370lm		
27.5W	3000K	2980lm	1176	0 5 2 - 3 2 M 4 :: 7 □
	4000K	3160lm		
34W	3000K	3730lm	1476	0 5 2 - 3 2 M 5 :: 7 □
	4000K	3950lm		
55W	3000K	5970lm	2348	0 5 2 - 3 2 M 8 :: 7 □
	4000K	6320lm		

Mounting accessories

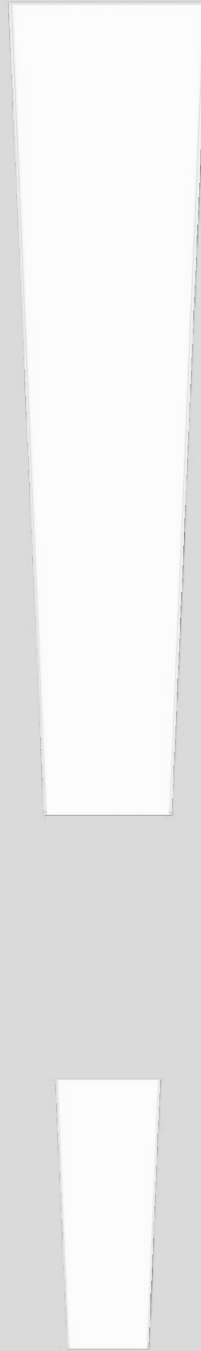
CONCRETE INSTALLATION HOUSING

L (mm)	W-H (mm)	ORDER CODE
635	75-88	0 3 6 - 0 4 0 6 6
935	75-88	0 3 6 - 0 4 0 9 6
1235	75-88	0 3 6 - 0 4 1 2 6
1535	75-88	0 3 6 - 0 4 1 5 6
2407	75-88	0 3 6 - 0 4 2 3 6

no use for wall installation (only on request)



LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprismatic -13%



MINIMAL 100

recessed trimless

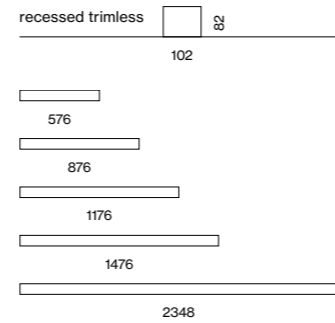
EN Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with grooves for better adhesion of filler; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; microprismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en profil extrudé en aluminium; convient à encastrement sans bord en plafond en placoplâtre; formation de bords spéciaux avec cannelures pour meilleure adhérence de l'enduit; convient aux épaisseurs de plafond de 8-25 mm; surface thermolaquée; Profilé de luminaire pour montage livrable avant; composants restants du luminaire montable sans outil; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée; cache HPO (High Performance Opal) pour éclairage homogène; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 7070 lm
 up to 140 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



Colour



Light distributions



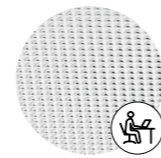
microp. opal



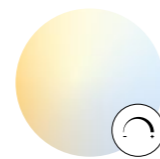
DiiA® standards
 251, 252, 253



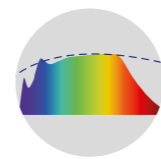
system
 solution (p.882)



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500K



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

○ traffic white RAL 9016

LIGHT OPTIC COVER

opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)	G

Options on request

COLOUR RENDERING INDEX

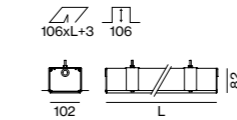
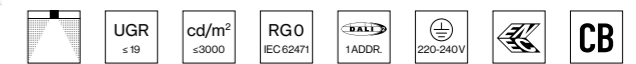
CRI ≥ 90
 CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE

tunable white 2700–6500K
 DALI-2 DT8



MINIMAL 100 trimless



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	1010lm	576	052-33L2::17 □
	4000K	1070lm		
13W	3000K	1520lm	876	052-33L3::17 □
	4000K	1600lm		
15.3W	3000K	2020lm	1176	052-33L4::17 □
	4000K	2140lm		
19.2W	3000K	2530lm	1476	052-33L5::17 □
	4000K	2670lm		
31W	3000K	4040lm	2348	052-33L8::17 □
	4000K	4280lm		

HIGH LUMEN

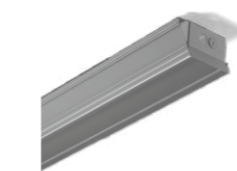
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1670lm	576	052-33M2::7 □
	4000K	1770lm		
20.6W	3000K	2510lm	876	052-33M3::7 □
	4000K	2650lm		
27.5W	3000K	3340lm	1176	052-33M4::7 □
	4000K	3540lm		
34W	3000K	4180lm	1476	052-33M5::7 □
	4000K	4420lm		
55W	3000K	6680lm	2348	052-33M8::7 □
	4000K	7070lm		

Mounting accessories

CONCRETE INSTALLATION HOUSING

L (mm)	W-H (mm)	ORDER CODE
635	116-94	036-05066
935	116-94	036-05096
1235	116-94	036-05126
1535	116-94	036-05156
2407	116-94	036-05236

no use for wall installation (only on request)

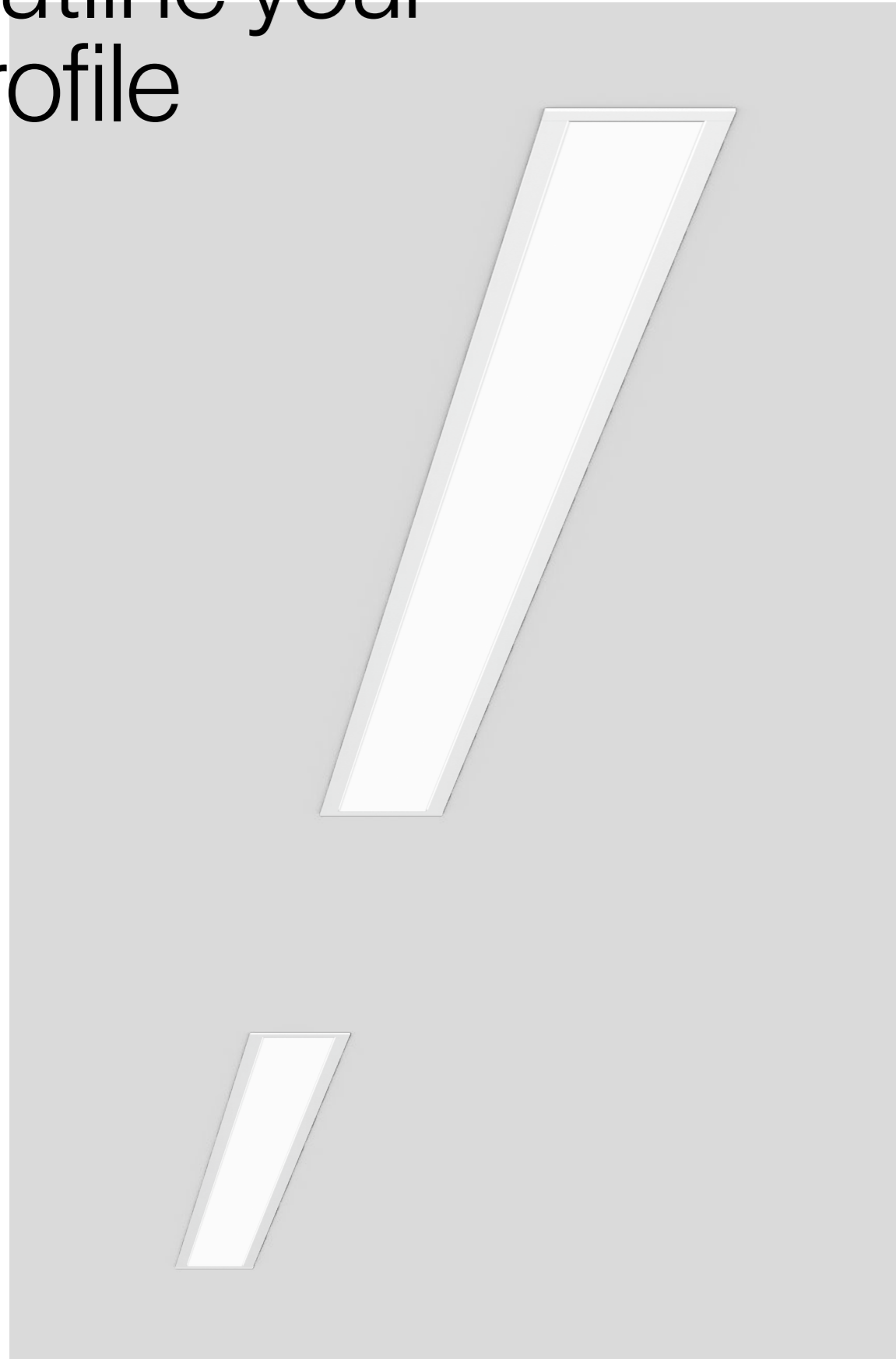


LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprism. Z -8%, microprism. G -10%

Strozzigasse 10
Vienna, AT –
by Bernd Besenlehner



Outline your profile



FRAME

EN FRAME makes flexible workplace lighting easy. The microprismatic cover ensures optimum glare control and thus standard-compliant illumination of the work areas. With a total of five lengths and three widths, this profile luminaire is versatile. Depending on the colour rendering requirement, the single luminaire is available up to $\text{CRI} \geq 98$ or in the light colours 3000K, 4000K, or Tunable White. FRAME's opal cover version delivers optimal and uniform room illumination.

FR Avec FRAME, l'éclairage flexible du poste de travail devient un jeu d'enfant. Le diffuseur microprismatique évite tout éblouissement de façon optimale et garantit un éclairage des zones de travail conforme aux normes en vigueur. Disponible dans pas moins de cinq longueurs et trois largeurs, ce luminaire profilé se démarque par sa grande polyvalence. En fonction des exigences en matière de rendu des couleurs, le luminaire individuel est proposé jusqu'à un $\text{IRC} \geq 98$ ou dans les températures de couleur 3000K, 4000K ou comme Tunable White. Dans sa version avec diffuseur opale, FRAME donne un éclairage optimal et homogène de la pièce.

Types



40

60

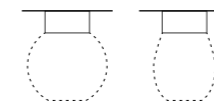
100

Mounting



with trim
recessed

Light distributions



opal

microprismatic
($\text{UGR} \leq 19$)

back



FRAME 40

recessed with trim

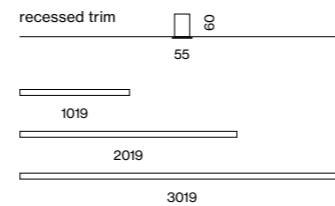
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-25 mm; surface powder coated; luminaire profile can be pre-mounted; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en profil extrudé en aluminium ; luminaire encastré avec bord continu ; convient aux épaisseurs de plafond de 8-25 mm ; surface thermolaquée ; profilé de luminaire pouvant être monté à l'avance ; composants restants du luminaire montable sans outil ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 102lm/W
L90 @ 50 000h
DALI-2
opal

Types



Colours



Light distribution



Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

- traffic white RAL 9016 7
 white aluminium RAL 9006 G

LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE

tunable white 2700–6500 K

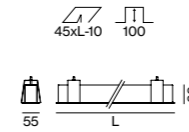
DALI-2 DT8

LIGHT OPTIC COVER

microprismatic



FRAME 40 trim



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
15.3W	3000K	1480lm	1019	0 4 2 - 7 1 1 2 :: 3 H
	4000K	1560lm		
30.5W	3000K	2950lm	2019	0 4 2 - 7 1 1 4 :: 3 H
	4000K	3120lm		
46W	3000K	4420lm	3019	0 4 2 - 7 1 1 6 :: 3 H
	4000K	4680lm		

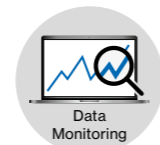
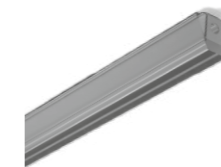
HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
22.9W	3000K	2210lm	1019	0 4 2 - 7 1 2 2 :: 3 H
	4000K	2340lm		
46W	3000K	4420lm	2019	0 4 2 - 7 1 2 4 :: 3 H
	4000K	4680lm		
69W	3000K	6630lm	3019	0 4 2 - 7 1 2 6 :: 3 H
	4000K	7020lm		

Mounting accessories

CONCRETE INSTALLATION HOUSING

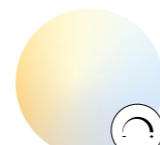
L (mm)	W-H (mm)	ORDER CODE
1038	57-87	0 4 2 - 7 1 9 5 2 1 0
2038	57-87	0 4 2 - 7 1 9 5 4 1 0
3038	57-87	0 4 2 - 7 1 9 5 6 1 0



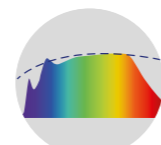
DiiA® standards
251, 252, 253



system
solution (p.890)



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover opal

back



FRAME 60

recessed with trim

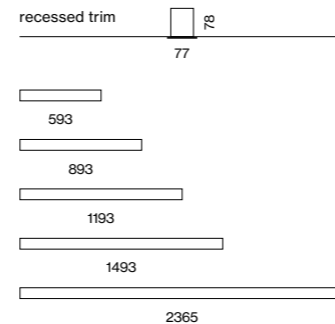
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; microprismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en profil extrudé en aluminium ; luminaire encastré avec bord continu ; convient aux épaisseurs de plafond de 8-25mm ; surface thermolaquée ; Profilé de luminaire pour montage livrable avant ; composants restants du luminaire montable sans outil ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 125lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, microprismatic (UGR ≤ 19)

Types



Colours



Light distributions



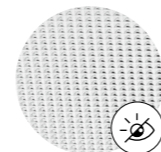
micropr. opal



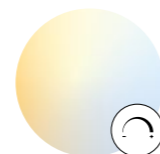
DiiA® standards
251, 252, 253



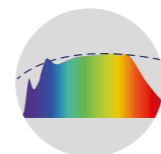
system
solution (p.892)



microprismatic
solution (p.892)
UGR ≤ 19



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> white aluminium RAL 9006	G

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)*	G

*UGR ≤ 19 only with mid lumen

Options on request

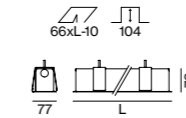
COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500 K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR
please contact factory



FRAME 60 trim



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	902lm	593	0 5 2 - 4 7 L 2 :: 1 ▣
	4000K	955lm		
13W	3000K	1350lm	893	0 5 2 - 4 7 L 3 :: 1 ▣
	4000K	1430lm		
15.3W	3000K	1800lm	1193	0 5 2 - 4 7 L 4 :: 1 ▣
	4000K	1910lm		
19.2W	3000K	2250lm	1493	0 5 2 - 4 7 L 5 :: 1 ▣
	4000K	2390lm		
31W	3000K	3610lm	2365	0 5 2 - 4 7 L 8 :: 1 ▣
	4000K	3820lm		

HIGH LUMEN

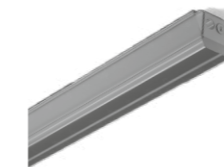
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1490lm	593	0 5 2 - 4 7 M 2 :: ▣ ▣
	4000K	1580lm		
20.6W	3000K	2240lm	893	0 5 2 - 4 7 M 3 :: ▣ ▣
	4000K	2370lm		
27.5W	3000K	2980lm	1193	0 5 2 - 4 7 M 4 :: ▣ ▣
	4000K	3160lm		
34W	3000K	3730lm	1493	0 5 2 - 4 7 M 5 :: ▣ ▣
	4000K	3950lm		
55W	3000K	5970lm	2365	0 5 2 - 4 7 M 8 :: ▣ ▣
	4000K	6320lm		

Mounting accessories

CONCRETE INSTALLATION HOUSING

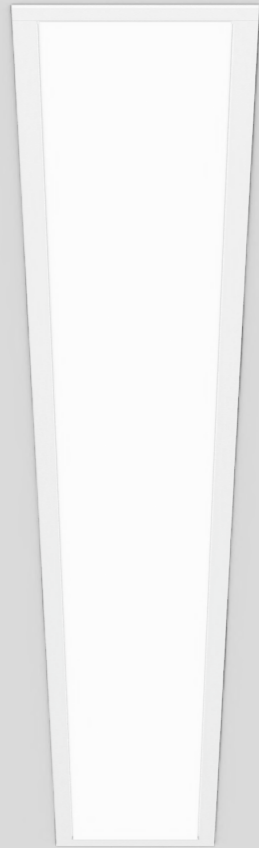
L (mm)	W-H (mm)	ORDER CODE
635	75-88	0 3 5 - 0 4 0 6 6
935	75-88	0 3 5 - 0 4 0 9 6
1235	75-88	0 3 5 - 0 4 1 2 6
1535	75-88	0 3 5 - 0 4 1 5 6
2407	75-88	0 3 5 - 0 4 2 3 6

no use for wall installation (only on request)



LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprismatic -13%

← back



FRAME 100

recessed with trim

EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en profil extrudé en aluminium ; luminaire encastré avec bord continu ; convient aux épaisseurs de plafond de 8-25 mm ; surface thermolaquée ; Profilé de luminaire pour montage livrable avant ; composants restants du luminaire montable sans outil ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 7070 lm
 up to 140 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



Colours



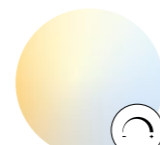
Light distributions



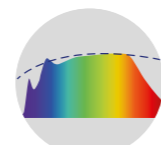
DiiA® standards
 251, 252, 253



solution (p.898)



2700–6500 K



Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

○ traffic white RAL 9016	7
● white aluminium RAL 9006	G

LIGHT OPTIC COVER

opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)	G

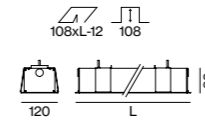
Options on request

COLOUR RENDERING INDEX

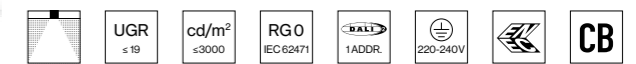
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE

tunable white 2700–6500 K	
DALI-2 DT8	



FRAME 100 trim



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	1010lm	596	0 5 2 - 4 3 L 2 :: 1 ▣ ▣
	4000K	1070lm		
13W	3000K	1520lm	896	0 5 2 - 4 3 L 3 :: 1 ▣ ▣
	4000K	1600lm		
15.3W	3000K	2020lm	1196	0 5 2 - 4 3 L 4 :: 1 ▣ ▣
	4000K	2140lm		
19.2W	3000K	2530lm	1496	0 5 2 - 4 3 L 5 :: 1 ▣ ▣
	4000K	2670lm		
31W	3000K	4040lm	2368	0 5 2 - 4 3 L 8 :: 1 ▣ ▣
	4000K	4280lm		

HIGH LUMEN

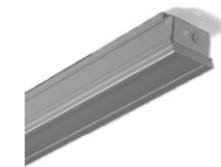
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1670lm	596	0 5 2 - 4 3 M 2 :: ▣ ▣ ▣
	4000K	1770lm		
20.6W	3000K	2510lm	896	0 5 2 - 4 3 M 3 :: ▣ ▣ ▣
	4000K	2650lm		
27.5W	3000K	3340lm	1196	0 5 2 - 4 3 M 4 :: ▣ ▣ ▣
	4000K	3540lm		
34W	3000K	4180lm	1496	0 5 2 - 4 3 M 5 :: ▣ ▣ ▣
	4000K	4420lm		
55W	3000K	6680lm	2368	0 5 2 - 4 3 M 8 :: ▣ ▣ ▣
	4000K	7070lm		

Mounting accessories

CONCRETE INSTALLATION HOUSING

L (mm)	W-H (mm)	ORDER CODE
635	116-94	0 3 5 - 0 5 0 6 6
935	116-94	0 3 5 - 0 5 0 9 6
1235	116-94	0 3 5 - 0 5 1 2 6
1535	116-94	0 3 5 - 0 5 1 5 6
2407	116-94	0 3 5 - 0 5 2 3 6

no use for wall installation (only on request)

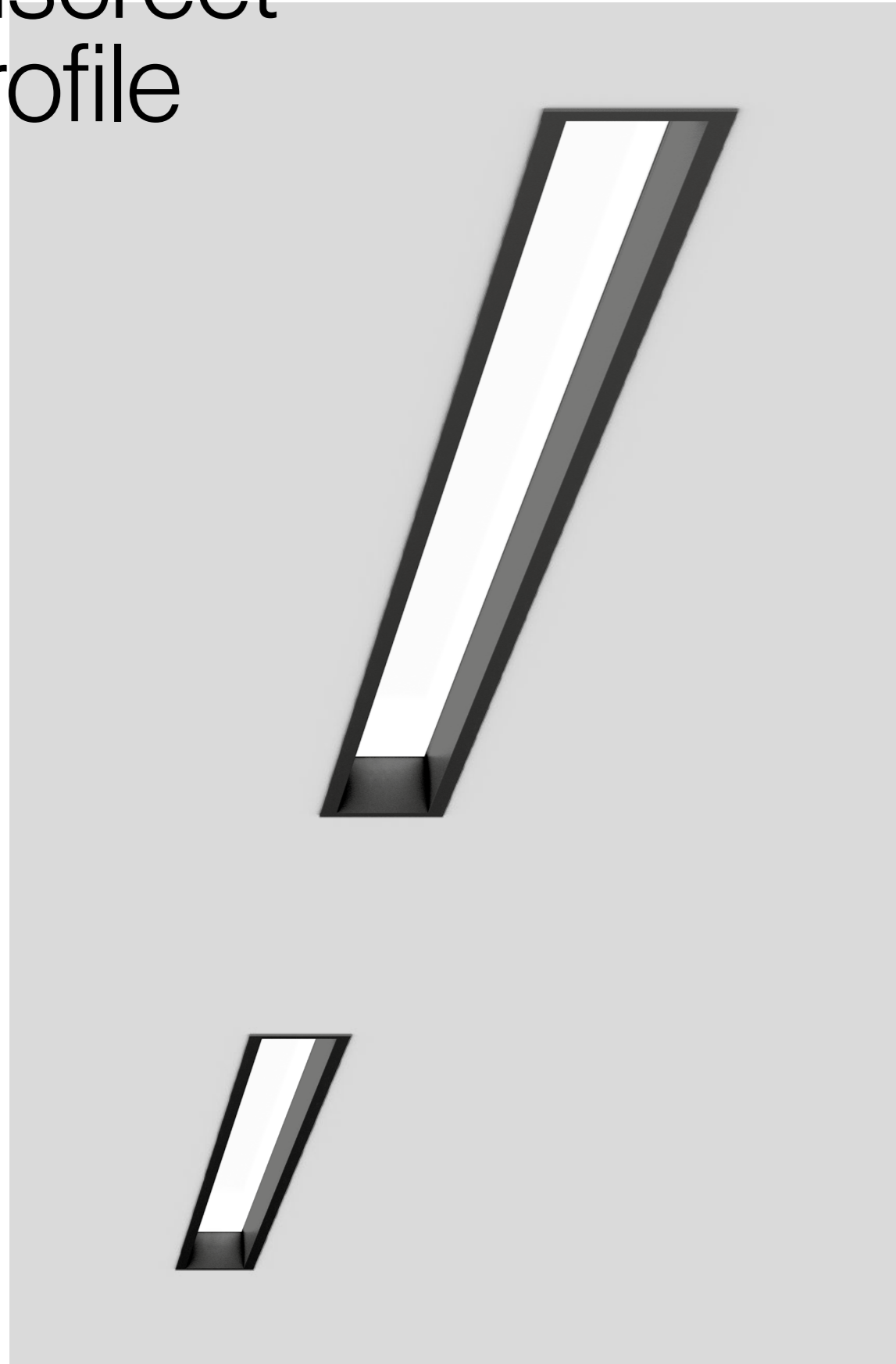


LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprism. Z -8%, microprism. G -10%

Geriatrics Simmering, AT –
by Josef Weichenberger architects +
Partner including lighting design







Discreet profile



CANYON

EN The perfect first impression: The CANYON luminaire and its simplicity create a calm ambience in the entrance area. CANYON also crafts a calm ceiling appearance in recreation rooms, corridors, or at the workplace thanks to the recessed luminaire level. The profile luminaire with a trim can be used universally as it comes in different lengths and with different covers, such as microprismatic or opal. The CANYON single luminaire's colour rendering reaches up to $CRI \geq 90$ with a total of three possible light colours: 3000K, 4000K, and Tunable White.

FR Une première impression parfaite : de par sa sobriété, le luminaire CANYON n'a pas son pareil pour créer une cadre apaisant dans l'entrée. Dans les salles communes, les couloirs comme sur les postes de travail, CANYON contribuent également à une ambiance propice au calme grâce à des luminaires placés en retrait. Le luminaire profilé avec bord peut être utilisé de façon universelle grâce aux différentes longueurs et aux divers diffuseurs, tels le microprismatique ou le diffuseur opale. Le rendu de couleurs du luminaire individuel CANYON atteint jusqu'à un $IRC \geq 90$ pour un total de trois températures de couleur possibles – 3000K, 4000K et Tunable White.

Type	
	60
Mounting	
	trim recessed
Light distributions	 
	opal microprismatic ($UGR \leq 19$)

back



CANYON 60

recessed offset with trim

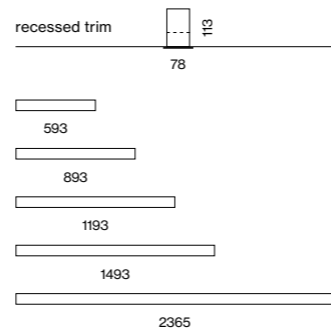
EN Luminaire housing made of extruded aluminium; uncluttered ceiling look through recessed lighting level; recessed luminaire with trim; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en profil extrudé en aluminium; plafond harmonieux par luminaire en retrait; luminaire encastré avec bord continu; convient aux épaisseurs de plafond de 8-25mm; surface thermolaquée; Profilé de luminaire pour montage livrable avant; composants restants du luminaire montable sans outil; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée; cache HPO (High Performance Opal) pour éclairage homogène; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 105lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, microprismatic

Types



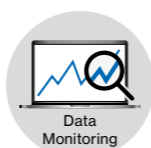
Colours



Light distributions



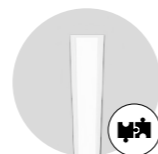
microp. opal



Data Monitoring
DiiA® standards
251, 252, 253



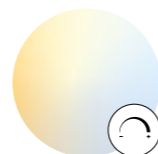
ball-impact-resistant



system solution
(p.904)



glare control
UGR ≤ 19



tunable white
2700–6500K

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

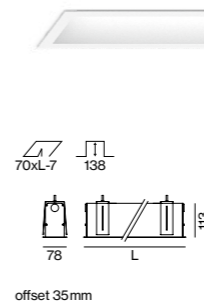
MATERIAL COLOUR	
<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z

Options on request

COLOUR RENDERING INDEX
CRI ≥ 90

COLOUR TEMPERATURE
tunable white 2700–6500K
DALI-2 DT8



CANYON 60 trim offset



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	760lm	593	0 5 2 - 5 2 L 2 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	804lm		
13W	3000K	1140lm	893	0 5 2 - 5 2 L 3 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	1210lm		
15.3W	3000K	1520lm	1193	0 5 2 - 5 2 L 4 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	1610lm		
19.2W	3000K	1900lm	1493	0 5 2 - 5 2 L 5 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	2010lm		
31W	3000K	3040lm	2365	0 5 2 - 5 2 L 8 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	3220lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1260lm	593	0 5 2 - 5 2 M 2 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	1330lm		
20.6W	3000K	1880lm	893	0 5 2 - 5 2 M 3 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	2000lm		
27.5W	3000K	2510lm	1193	0 5 2 - 5 2 M 4 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	2660lm		
34W	3000K	3140lm	1493	0 5 2 - 5 2 M 5 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	3300lm		
55W	3000K	5030lm	2365	0 5 2 - 5 2 M 8 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	5320lm		

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprismatic -9%

Business-Quartier Sparkasse
Salzburg, AT – by OM/ARGE Neutor,
Schabelreiter Architektur



Define your profile

MINO

EN The MINO single luminaire's character is multifaceted. It can be mounted on walls and ceilings as a surface-mounted version, but is also available as a suspended version. The variety continues in its optical details; in white, grey, and black, the luminaire can be selected with a colour rendering of up to $CRI \geq 98$ XPECTRUM and in the light colours 3000K, 4000K, or Tunable White. MINO optionally also comes with a microprismatic cover for ideal work light or with an opal cover for homogeneous room illumination.

FR Le luminaire individuel MINO se distingue par ses très nombreuses facettes. Pouvant être monté sur murs et plafonds dans sa variante apparente, il est également disponible en version suspendue. Cette diversité se retrouve également dans les détails optiques : en version blanc, gris et noir, le luminaire peut être choisi avec un rendu des couleurs jusqu'à un $IRC \geq 98$ XPECTRUM et dans les températures de couleur 3000K, 4000K, voire en variante Tunable White. En complément, MINO est également proposé avec un diffuseur microprismatique pour une lumière idéale pour le travail ou avec un diffuseur opale qui permet d'éclairer la pièce de façon homogène.

Types

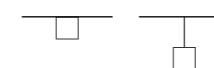


40

60

100

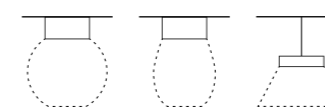
Mountings



surface

suspended

Light distributions



opal

microprismatic
($UGR \leq 19$)

direct

back



MINO 40

surface

EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile can be pre-mounted; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

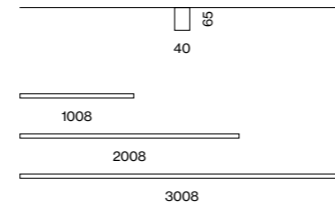
FR Corps de luminaire en profil extrudé en alu, version arête ; aucune vis visible ; surface thermolaquée ; profilé de luminaire pouvant être monté à l'avance ; composants restants du luminaire montable sans outil ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 102lm/W
L90 @ 50 000h
DALI-2
opal

Types

surface



Colours



Light distribution



Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input type="radio"/> white aluminium RAL 9006	G
<input checked="" type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM

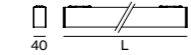
COLOUR TEMPERATURE

tunable white 2700–6500 K

DALI-2 DT8

LIGHT OPTIC COVER

microprismatic



MINO 40 surface

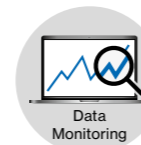


MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
15.3W	3000K	1480lm	1008	0 4 2 - 1 1 1 2 :: 3 H
	4000K	1560lm		
30.5W	3000K	2950lm	2008	0 4 2 - 1 1 1 4 :: 3 H
	4000K	3120lm		
46W	3000K	4420lm	3008	0 4 2 - 1 1 1 6 :: 3 H
	4000K	4680lm		

HIGH LUMEN

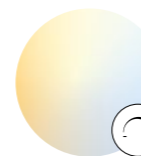
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
22.9W	3000K	2210lm	1008	0 4 2 - 1 1 2 2 :: 3 H
	4000K	2340lm		
46W	3000K	4420lm	2008	0 4 2 - 1 1 2 4 :: 3 H
	4000K	4680lm		
69W	3000K	6630lm	3008	0 4 2 - 1 1 2 6 :: 3 H
	4000K	7020lm		



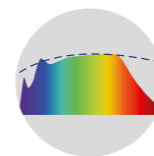
DiiA® standards
251, 252, 253



system
solution (p. 912)



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover opal

back



MINO 40

suspended

EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile can be pre-mounted; remaining luminaire components mounted without tools; pendant fitting with cable suspension; height adjustment without tools; incl. transparent feed; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

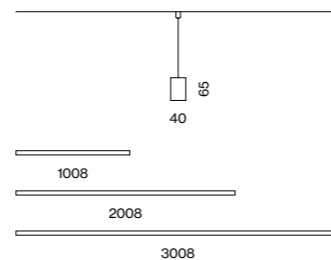
FR Corps de luminaire en profil extrudé en alu, version arête ; aucune vis visible ; surface thermolaquée ; profilé de luminaire pouvant être monté à l'avance ; composants restants du luminaire montable sans outil ; suspension par câble ; réglage en hauteur sans outil ; incl. conduit d'alimentation transparent ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 102lm/W
L90 @ 50 000h
DALI-2
opal

Types

suspended



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM

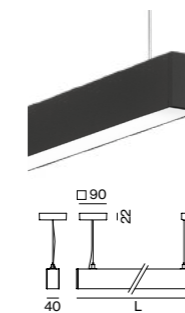
COLOUR TEMPERATURE

tunable white 2700–6500 K

DALI-2 DT8

LIGHT OPTIC COVER

microprismatic



MINO 40 suspended

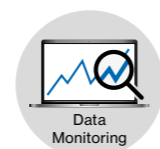


MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
15.3W	3000K	1480lm	1008	0 4 2 - 1 2 1 2 :: 3 H
	4000K	1560lm		
30.5W	3000K	2950lm	2008	0 4 2 - 1 2 1 4 :: 3 H
	4000K	3120lm		
46W	3000K	4420lm	3008	0 4 2 - 1 2 1 6 :: 3 H
	4000K	4680lm		

HIGH LUMEN

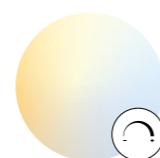
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
22.9W	3000K	2210lm	1008	0 4 2 - 1 2 2 2 :: 3 H
	4000K	2340lm		
46W	3000K	4420lm	2008	0 4 2 - 1 2 2 4 :: 3 H
	4000K	4680lm		
69W	3000K	6630lm	3008	0 4 2 - 1 2 2 6 :: 3 H
	4000K	7030lm		



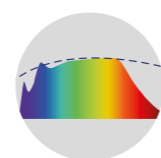
DiiA® standards
251, 252, 253



system
solution (p. 912)



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover opal

Sparkasse Lienz, AT –
by DI Matthias Viehhauser





MME
Zug, CH –
by Büronauten AG



Sparkasse, Bank
Nuremberg, DE –
by baum-kappler architekten



[← back](#)


MINO 60

surface

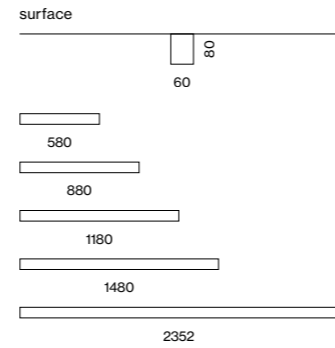
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en profil extrudé en alu, version arête ; aucune vis visible ; surface thermolaquée ; Profilé de luminaire pour montage livrable avant ; composants restants du luminaire montable sans outil ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 125lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



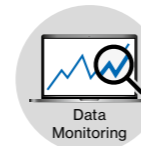
Colours



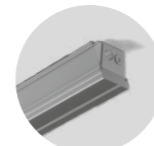
Light distribution



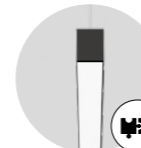
direct



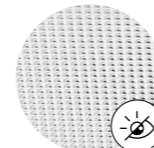
DiiA® standards
251, 252, 253



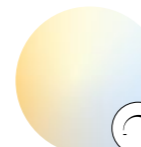
concrete install.
housing (p.946)



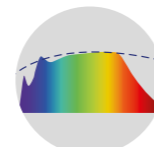
system
solution (p.914)



microprismatic
UGR ≤ 19



tunable white
2700–6500K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)*	G

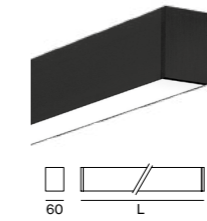
*UGR ≤ 19 only with mid lumen

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR	
<input checked="" type="checkbox"/> MINO 60 ceiling system	



MINO 60 surface



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	902lm	580	0 4 6 - 4 1 L 2 :: 1 ▣
	4000K	955lm		
13W	3000K	1350lm	880	0 4 6 - 4 1 L 3 :: 1 ▣
	4000K	1430lm		
15.3W	3000K	1800lm	1180	0 4 6 - 4 1 L 4 :: 1 ▣
	4000K	1910lm		
19.2W	3000K	2250lm	1480	0 4 6 - 4 1 L 5 :: 1 ▣
	4000K	2390lm		
31W	3000K	3610lm	2352	0 4 6 - 4 1 L 8 :: 1 ▣
	4000K	3820lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1490lm	580	0 4 6 - 4 1 M 2 :: ▣ ▣
	4000K	1580lm		
20.6W	3000K	2240lm	880	0 4 6 - 4 1 M 3 :: ▣ ▣
	4000K	2370lm		
27.5W	3000K	2980lm	1180	0 4 6 - 4 1 M 4 :: ▣ ▣
	4000K	3160lm		
34W	3000K	3730lm	1480	0 4 6 - 4 1 M 5 :: ▣ ▣
	4000K	3950lm		
55W	3000K	5970lm	2352	0 4 6 - 4 1 M 8 :: ▣ ▣
	4000K	6320lm		

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprism. Z -13%, microprism. G -15%

Aros Forsikring-Mutual Insurance
Viby J, DK – lighting design by
anker & co



← back



MINO 60

suspended

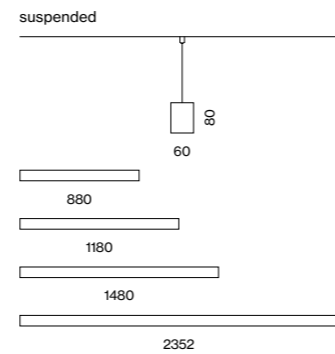
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining components mounted without tools; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-eff. LEDs – very good colour rendering

FR Corps de luminaire en profil extrudé en alu, version arête ; aucune vis visible ; surface thermolaquée ; Profilé de luminaire pour montage livrable avant ; composants restants montable sans outil ; suspension par câble ; réglage en hauteur sans outil au luminaire ; fixation au luminaire au moyen de clips à ressort ; positionnement libre ; conduit d'alimentation transparent inclus ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; LED à haut rend. éner. – excellent rendu coul.

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 125 lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, microprismatic (UGR ≤ 19)

Types



Colours



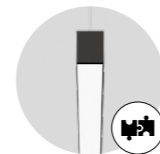
Light distribution



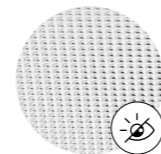
direct



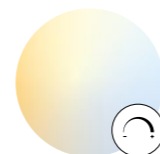
DiiA® standards
251, 252, 253



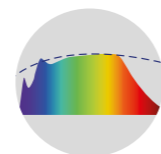
system
solution (p.914)



microprismatic
UGR ≤ 19



tunable white
2700–6500K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)*	G

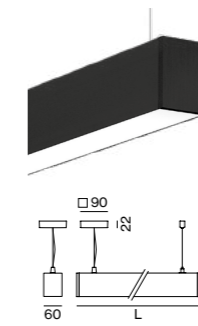
*UGR ≤ 19 only with mid lumen

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR	
● MINO 60 suspended system	



MINO 60 suspended



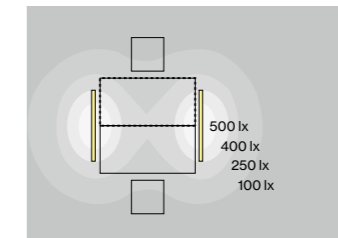
MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13W	3000K	1350lm	880	0 4 6 - 4 2 L 3 :: 1 ▣ □
	4000K	1430lm		
15.3W	3000K	1800lm	1180	0 4 6 - 4 2 L 4 :: 1 ▣ □
	4000K	1910lm		
19.2W	3000K	2250lm	1480	0 4 6 - 4 2 L 5 :: 1 ▣ □
	4000K	2390lm		
31W	3000K	3610lm	2352	0 4 6 - 4 2 L 8 :: 1 ▣ □
	4000K	3820lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20.6W	3000K	2240lm	880	0 4 6 - 4 2 M 3 :: ▣ ▣ □
	4000K	2370lm		
27.5W	3000K	2980lm	1180	0 4 6 - 4 2 M 4 :: ▣ ▣ □
	4000K	3160lm		
34W	3000K	3730lm	1480	0 4 6 - 4 2 M 5 :: ▣ ▣ □
	4000K	3950lm		
55W	3000K	5970lm	2352	0 4 6 - 4 2 M 8 :: ▣ ▣ □
	4000K	6320lm		

Technical data



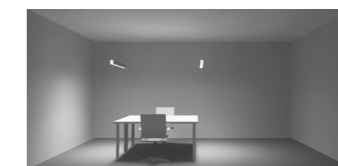
MINO 60 suspended, 15.3W,
4000 K, direct

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8m
Surface height	0.75m
Average illuminance (E _m)	> 500lx
Uniformity (U ₀)	> 0.6



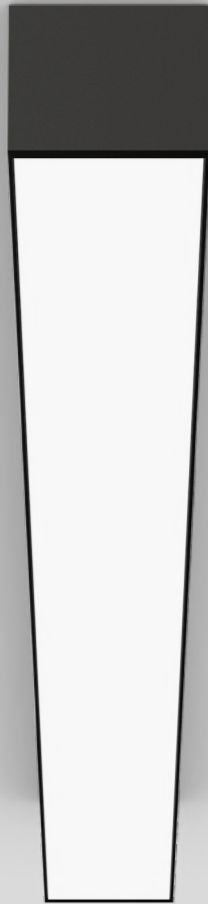
GLARE EVALUATION

Table Classification	X=4H Y=8H S=0.25H
UGR transversal	≤ 19
UGR axial	≤ 19

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprism. Z -13%, microprism. G -15%

HeidelbergCement AG Heidelberg, DE –
by Albert Speer + Partner Architekten with
lighting design by Hailight Lichtplanung,
Andreas Haidegger





MINO 100

surface

EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

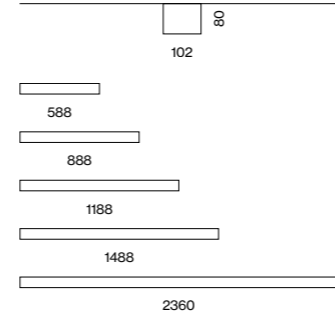
FR Corps de luminaire en profil extrudé en alu, version arête ; aucune vis visible ; surface thermolaquée ; Profilé de luminaire pour montage livrable avant ; composants restants du luminaire montable sans outil ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 7070 lm
 up to 140 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types

surface



Colours



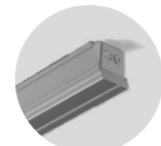
Light distribution



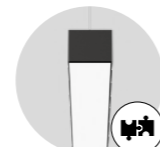
direct



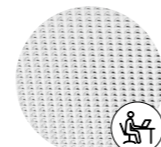
DiiA® standards
251, 252, 253



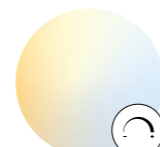
concrete install.
housing (p. 946)



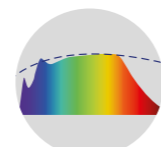
system
solution (p. 928)



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8

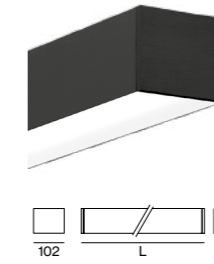
LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)	G

Options on request

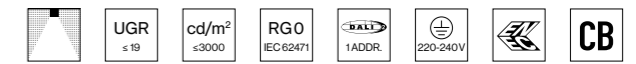
COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR	
<input checked="" type="checkbox"/> MINO 100 ceiling system	



MINO 100 surface



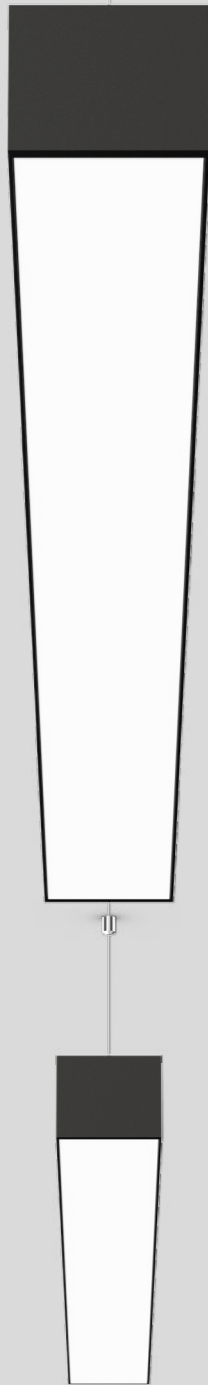
MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	1010lm	588	0 5 6 - 4 1 L 2 :: 1 <input type="checkbox"/>
	4000K	1070lm		
13W	3000K	1520lm	888	0 5 6 - 4 1 L 3 :: 1 <input type="checkbox"/>
	4000K	1600lm		
15.3W	3000K	2020lm	1188	0 5 6 - 4 1 L 4 :: 1 <input type="checkbox"/>
	4000K	2140lm		
19.2W	3000K	2530lm	1488	0 5 6 - 4 1 L 5 :: 1 <input type="checkbox"/>
	4000K	2670lm		
31W	3000K	4040lm	2360	0 5 6 - 4 1 L 8 :: 1 <input type="checkbox"/>
	4000K	4280lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1670lm	588	0 5 6 - 4 1 M 2 :: <input type="checkbox"/>
	4000K	1770lm		
20.6W	3000K	2510lm	888	0 5 6 - 4 1 M 3 :: <input type="checkbox"/>
	4000K	2650lm		
27.5W	3000K	3340lm	1188	0 5 6 - 4 1 M 4 :: <input type="checkbox"/>
	4000K	3540lm		
34W	3000K	4180lm	1488	0 5 6 - 4 1 M 5 :: <input type="checkbox"/>
	4000K	4420lm		
55W	3000K	6680lm	2360	0 5 6 - 4 1 M 8 :: <input type="checkbox"/>
	4000K	7070lm		

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal microprism. Z -8%, microprism. G -10%

[← back](#)


MINO 100

suspended

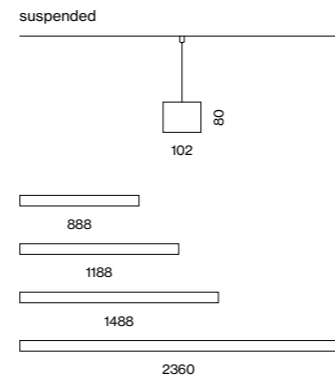
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining components mounted without tools; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-eff. LEDs – very good colour rendering

FR Corps de luminaire en profil extrudé en alu, version arête ; aucune vis visible ; surface thermolaquée ; Profilé de luminaire pour montage livrable avant ; composants restants montable sans outil ; suspension par câble ; réglage en hauteur sans outil au luminaire ; fixation au luminaire au moyen de clips à ressort ; positionnement libre ; conduit d'alimentation transparent inclus ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; LED à haut rend. énerg. – excellent rendu coul.

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 140 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



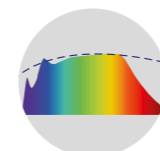
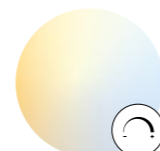
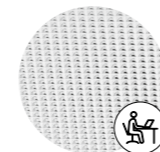
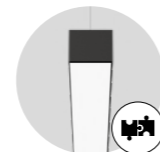
Colours



Light distribution



DiiA® standards
 251, 252, 253



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8

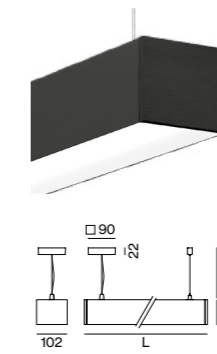
LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)	G

Options on request

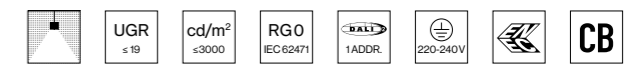
COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR	
● MINO 100 suspended system	



MINO 100 suspended



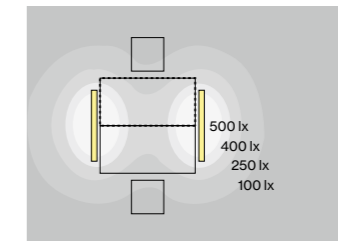
MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13W	3000K	1520lm	888	056-42L3::1
	4000K	1600lm		
15.3W	3000K	2020lm	1188	056-42L4::1
	4000K	2140lm		
19.2W	3000K	2530lm	1488	056-42L5::1
	4000K	2670lm		
31W	3000K	4040lm	2360	056-42L8::1
	4000K	4280lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20.6W	3000K	2510lm	888	056-42M3::1
	4000K	2650lm		
27.5W	3000K	3340lm	1188	056-42M4::1
	4000K	3540lm		
34W	3000K	4180lm	1488	056-42M5::1
	4000K	4420lm		
55W	3000K	6680lm	2360	056-42M8::1
	4000K	7070lm		

Technical data



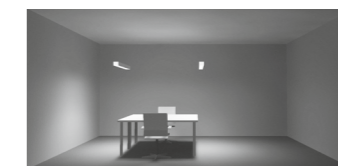
MINO 100 suspended, 15.3W, 4000K, direct

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8m
Surface height	0.75m
Average illuminance (E _a)	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
≥ 65° ≤ 3000 cd/m ²	

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal microprism. Z -8%, microprism. G -10%

Outside with profile



BASO IP54

EN BASO IP54 is a powerful profile luminaire that has been specially adapted to demanding environmental conditions: from public outdoor areas to wet rooms. It has increased dust and insect protection (IP54). BASO IP54 is available as a single luminaire or as a system variant. It is easy to install and suitable for recessed or surface fitting as well as for wall or ceiling mounting. An opal cover delivers homogeneous basic illumination. The luminaire has a colour rendering of up to $CRI \geq 98$ XPECTRUM and can be selected with a dark grey or white housing and in two light colours (3000K and 4000K).

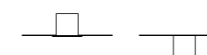
FR BASO IP54 est un luminaire profilé puissant, spécialement adapté aux conditions ambiantes exigeantes : extérieur de bâtiments publics et pièce humide. Sans oublier une protection accrue contre les poussières et insectes (IP54). Baso IP54 est disponible en luminaire simple ou en système a composé soit même. Facile à monter il est conçu pour des utilisations, encastré, en plafonnier et mural. Un diffuseur opale assure un éclairage homogène. De plus, ce luminaire dispose d'un rendu des couleurs jusqu'à $CRI \geq 90$ et peut être choisi avec une finition gris foncé ou blanc ainsi qu'en deux températures de couleurs (3000K et 4000K).

Type



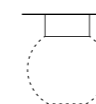
60

Mountings

trim
recessed

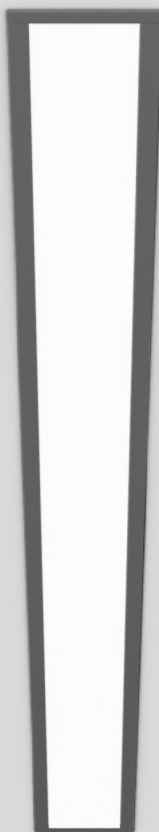
surface

Light distribution



opal

back



BASO 60 IP54

recessed with trim

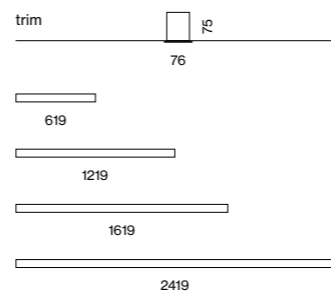
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-20 mm; surface powder coated; suitable for wall or ceiling mounting; luminaire profile (end caps come pre-assembled) can be pre-mounted; remaining luminaire components mounted without tools; closed light insert made of PMMA, consisting of converter unit and circuit board unit; light inset with screwed-on, thus maintenance-friendly, transparent end cap in PMMA; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering; IP67 socket connector system for easy and sealed electrical connection

FR Corps de luminaire en profil extrudé en aluminium ; luminaire encastré avec bord continu ; convient aux épaisseurs de plafond de 8-20 mm ; surface thermolaquée ; convient au montage mur ou plafond ; profilé de luminaire (capuchon monté en usine) pouvant être monté à l'avance ; composants restants du luminaire montable sans outil ; module d'éclairage fermé en PMMA, composé d'un convertisseur et d'un circuit imprimé ; module d'éclairage avec capuchon vissé et transparent en PMMA, et par conséquent d'entretien facile ; cache HPO (High Performance Opal) pour éclairage homogène ; LED économes en énergie à restitution de couleur élevée ; Système de prise IP67 pour branchement électrique hermétique

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 125lm/W
L90 @ 50 000h
DALI-2
opal, IP 54

Types



Colours



Light distribution



direct

Order options

IP RATING

IP54

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> umbra grey RAL 7022	D

LIGHT OPTIC COVER

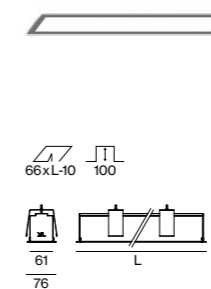
opal high performance

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

CRI ≥ 98 XPECTRUM



BASO 60 trim



IP 54 LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
11.2W	3000K	1320lm	619	8 4 5 - 3 5 2 2 :: 3 H
22.4W	3000K	2640lm	1219	8 4 5 - 3 5 2 4 :: 3 H
29.9W	3000K	3530lm	1619	8 4 5 - 3 5 2 5 :: 3 H
45W	3000K	5290lm	2419	8 4 5 - 3 5 2 8 :: 3 H
	4000K	1400lm		
	4000K	2790lm		
	4000K	3720lm		
	4000K	5590lm		

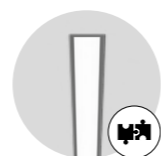
Mounting accessories

CONCRETE INSTALLATION HOUSING

L-W-H (mm)	ORDER CODE
662-75-88	0 4 5 - 3 5 9 2 0 1 0
1262-75-88	0 4 5 - 3 5 9 4 0 1 0
1662-75-88	0 4 5 - 3 5 9 5 0 1 0
2462-75-88	0 4 5 - 3 5 9 8 0 1 0



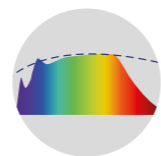
quick installation



system solution (p.936)



dust & splash water protection (IP54)



CRI ≥ 98 XPECTRUM

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal

Private Residence Plane House
Skiathos, GR – by K-Studio



ÖBB passage Graz, AT –
by skyline architekten ZT gmbh with lighting design
by ESC engineering Service & Consulting kg



[← back](#)


BASO 60 IP54

surface

EN Luminaire housing from extruded aluminium profile, angular design; light-tight end caps in aluminium, no visible screws; surface powder coated; suitable for wall or ceiling mounting; luminaire profile (end caps come pre-assembled) can be pre-mounted; remaining luminaire components mounted without tools; closed light insert made of PMMA, consisting of converter unit and circuit board unit; light inset with screwed-on, thus maintenance-friendly, transparent end cap in PMMA; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering; IP67 socket connector system for easy and sealed electrical connection

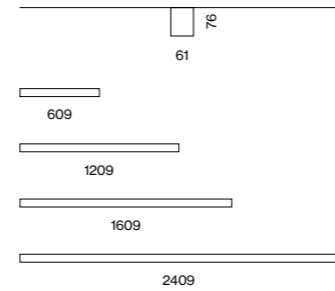
FR Corps de luminaire en profil extrudé en alu, version arête ; couvercle final en aluminium fermeture étanche à la lumière, aucune vis visible ; surface thermolaquée ; convient au montage mur ou plafond ; profilé de luminaire (capuchon monté en usine) pouvant être monté à l'avance ; composants restants du luminaire montable sans outil ; module d'éclairage fermé en PMMA, composé d'un convertisseur et d'un circuit imprimé ; module d'éclairage avec capuchon vissé et transparent en PMMA, et par conséquent d'entretien facile ; cache HPO (High Performance Opal) pour éclairage homogène ; LED économes en énergie à restitution de couleur élevée ; Système de prise IP67 pour branchement électrique hermétique

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 125lm/W
L90 @ 50 000h
DALI-2
opal, IP54

Types

surface



Colours



Light distribution



direct

Order options

IP RATING

IP54

COLOUR TEMPERATURE

3000K 5
4000K 6

CONTROL

DALI-2

MATERIAL COLOUR

traffic white RAL 9016 7
 umbra grey RAL 7022 D

LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90
CRI ≥ 98 XPECTRUM

MOUNTING

concrete installation housing



BASO 60 surface

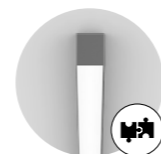


IP54 LUMINAIRE

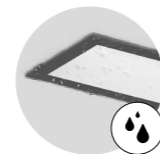
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
11.2W	3000K	1320lm	609	8 4 5 - 4 1 2 2 :: 3 H
	4000K	1400lm		
22.4W	3000K	2640lm	1209	8 4 5 - 4 1 2 4 :: 3 H
	4000K	2790lm		
29.9W	3000K	3530lm	1609	8 4 5 - 4 1 2 5 :: 3 H
	4000K	3720lm		
45W	3000K	5290lm	2409	8 4 5 - 4 1 2 8 :: 3 H
	4000K	5590lm		



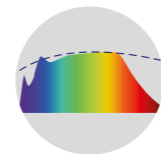
quick
installation



system
solution (p.940)



dust & splash water
protection (IP54)



CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

University Research Institute
Ulm, DE – by bizer architekten



Perfect allrounder



TUBO

EN TUBO places no limits on creativity. Thanks to the height-adjustable cable suspension, the luminaire is particularly popular combined with other TUBO single luminaires for fancy patterns or creative arrangements. Maximum design freedom goes hand in hand with a pleasant room ambiance, as TUBO's characteristic beam angle of up to 340° provides gentle ceiling illumination. TUBO can be used as a pendant luminaire, or as a surface-mounted version for walls and ceilings. Especially in entrance areas, corridors, and public spaces, the luminaire with light colours 3000 K or 4000 K and opal cover provides homogeneous ambient lighting.

FR TUBO, et la créativité ne connaît plus de limite ! Avec sa suspension par câble réglable en hauteur, ce luminaire s'associe à merveille à d'autres TUBO pour des motifs originaux ou des arrangements créatifs. La très grande liberté de conception va de pair avec une ambiance agréable, l'angle de rayonnement typique de TUBO – jusqu'à 340° – permettant d'illuminer le plafond en douceur. TUBO s'utilise aussi bien suspendu qu'en surface sur murs et plafonds. Avec son diffuseur opale et ses températures de couleur 3000 K ou 4000 K, ce luminaire produit un éclairage homogène dans les entrées, couloirs et espaces publics notamment.

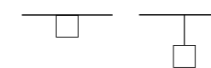
Types



60

100

Mountings



surface

suspended

Light distribution

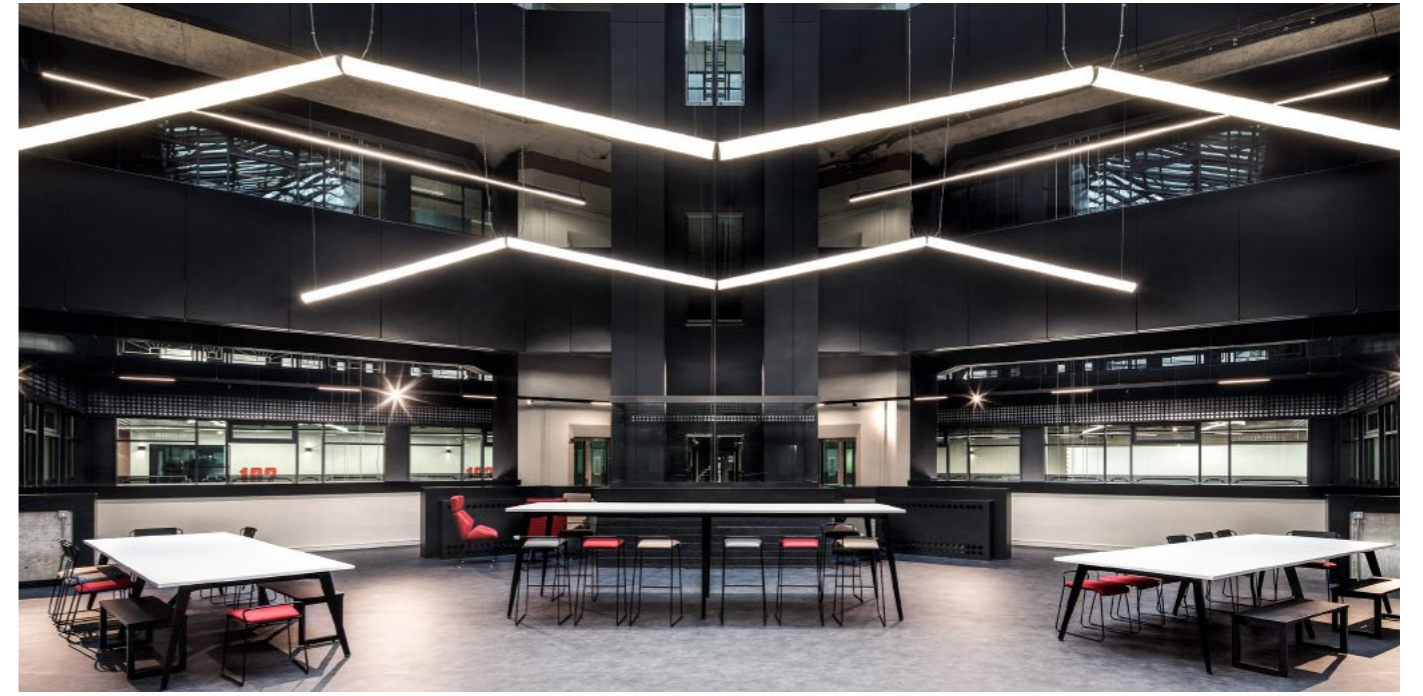
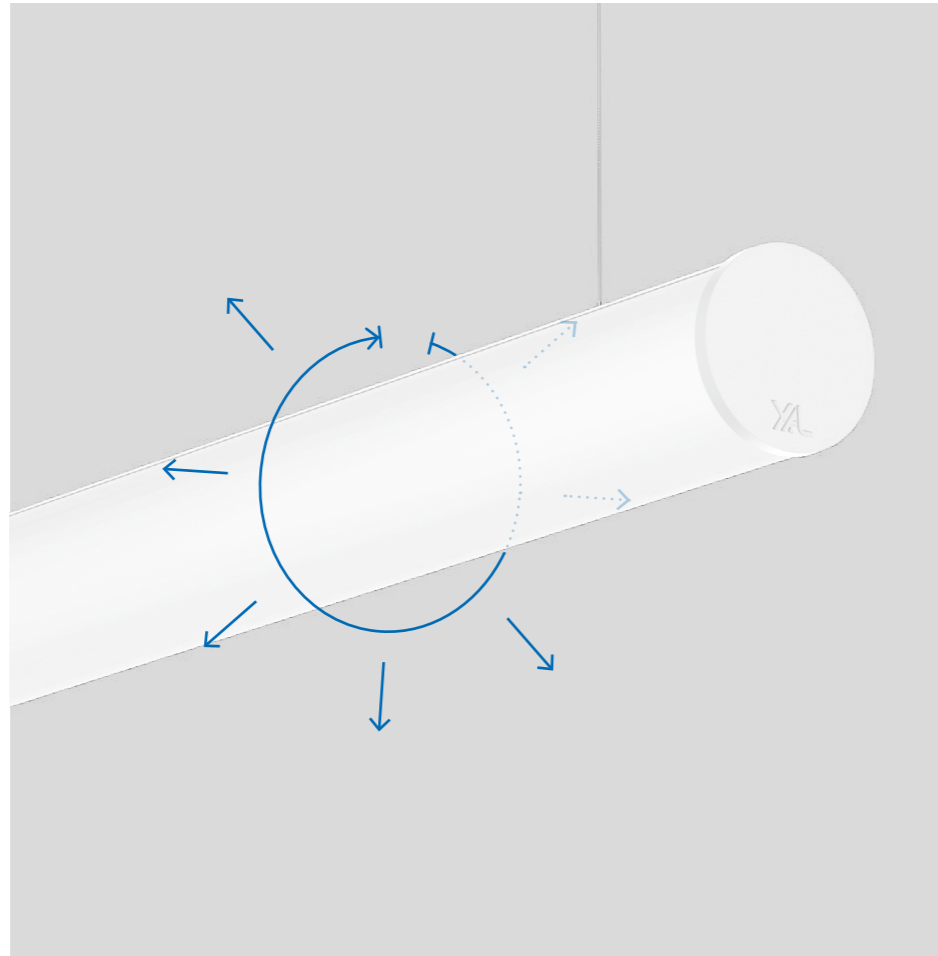


opal

340° light distribution

EN With its 340° beam pattern and opal cover, TUBO delivers homogeneous illumination as well as slight ceiling brightening. This makes the luminaire perfect for places where a pleasant ambient lighting is desired, such as reception areas, corridors, or foyers.

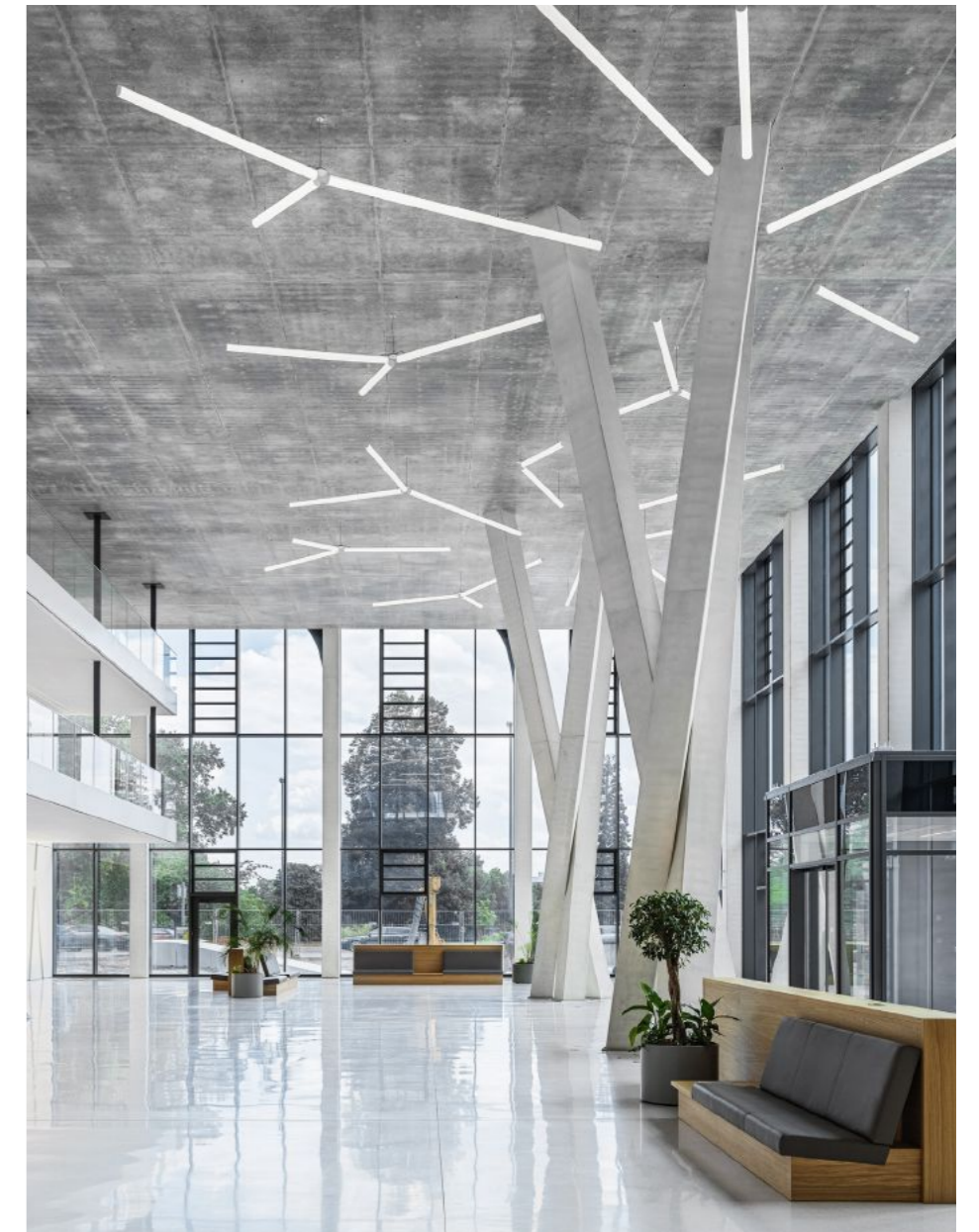
FR Grâce à son rayonnement à 340° et à son diffuseur opale, TUBO produit un éclairage homogène en illuminant légèrement le plafond. Le luminaire convient donc tout particulièrement aux endroits où l'éclairage de base se doit d'être avant tout plaisant – comme les lieux d'accueil, les couloirs ou les foyers par exemple.



Bespoke arrangements

EN Mounting the pendant luminaire is highly flexible. The height-adjustable cable suspension with a joint allows TUBO to be suspended horizontally, or at an angle at different heights. The luminaire thus offers enormous creative freedom in designing bespoke patterns and unusual light formations.

FR Le montage du luminaire suspendu se distingue par sa remarquable flexibilité. Grâce à sa suspension par câble réglable en hauteur avec articulation, TUBO peut être suspendu non seulement à l'horizontale, mais également en biais à différentes hauteurs. Le luminaire offre ainsi une grande liberté créative pour la réalisation de motifs individuels et de combinaisons lumineuses originales.



Mounting options

EN TUBO is available in both surface-mounted and pendant versions. It is suitable for mounting on ceilings and walls and supports a room's interior design.

FR TUBO est proposé en version apparente et suspendue. Il se monte aussi bien au plafond qu'au mur et contribue à l'aménagement intérieur de la pièce de superbe manière.

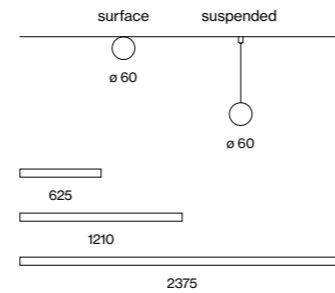
back



Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 114lm/W
L90 @ 50 000h
non DIM, DALI-2
opal

Types



Colour



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

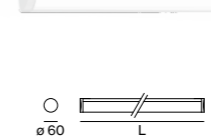
MATERIAL COLOUR

pure white RAL 9010

LIGHT OPTIC COVER

opal

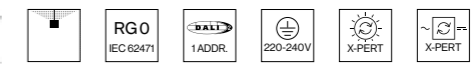
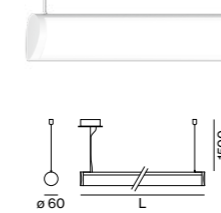
TUBO 60 surface



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
16.5 W	3000K	1780lm	625	0 5 8 - 3 1 1 2 :: 7 0
	4000K	1880lm		
33 W	3000K	3560lm	1210	0 5 8 - 3 1 1 4 :: 7 0
	4000K	3760lm		
66 W	3000K	7110lm	2375	0 5 8 - 3 1 1 8 :: 7 0
	4000K	7530lm		

TUBO 60 suspended



LUMINAIRE

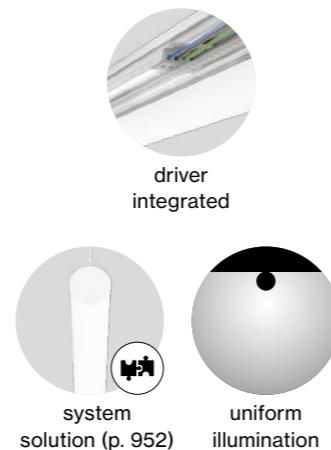
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
16.5 W	3000K	1780lm	625	0 5 8 - 3 2 1 2 :: 7 0
	4000K	1880lm		
33 W	3000K	3560lm	1210	0 5 8 - 3 2 1 4 :: 7 0
	4000K	3760lm		
66 W	3000K	7110lm	2375	0 5 8 - 3 2 1 8 :: 7 0
	4000K	7530lm		

TUBO 60

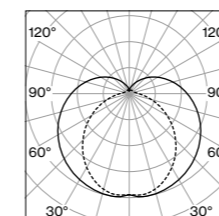
surface / suspended

EN Supporting profile in extruded aluminium; end cap in aluminium; surface powder coated; suitable for wall or ceiling mounting (TUBO 60 surface); surface mounted or suspended luminaire with cable suspension; height adjustment without tools; with transparent feeder cable; light control via high-quality lens system for maximum, homogeneous illumination; completely homogeneously illuminated, cylindrical HPO (High Performance Opal) cover; energy-efficient LEDs with very good colour rendering

FR Profilé portant en profil extrudé en aluminium ; couvercle final en aluminium ; surface thermolaquée ; convient au montage mur ou plafond (TUBO 60 surface) ; luminaire en saillie ou suspendu avec câble de suspension ; réglage en hauteur sans outil ; conduit d'alimentation transparent inclus ; conduction de la lumière par optique à lentille pour un éclairage max. et homogène ; diffuseur HPO (High Performance Opal) cylindrique à éclairage entièrement homogène ; LED économes en énergie à restitution de couleur élevée



Light distribution

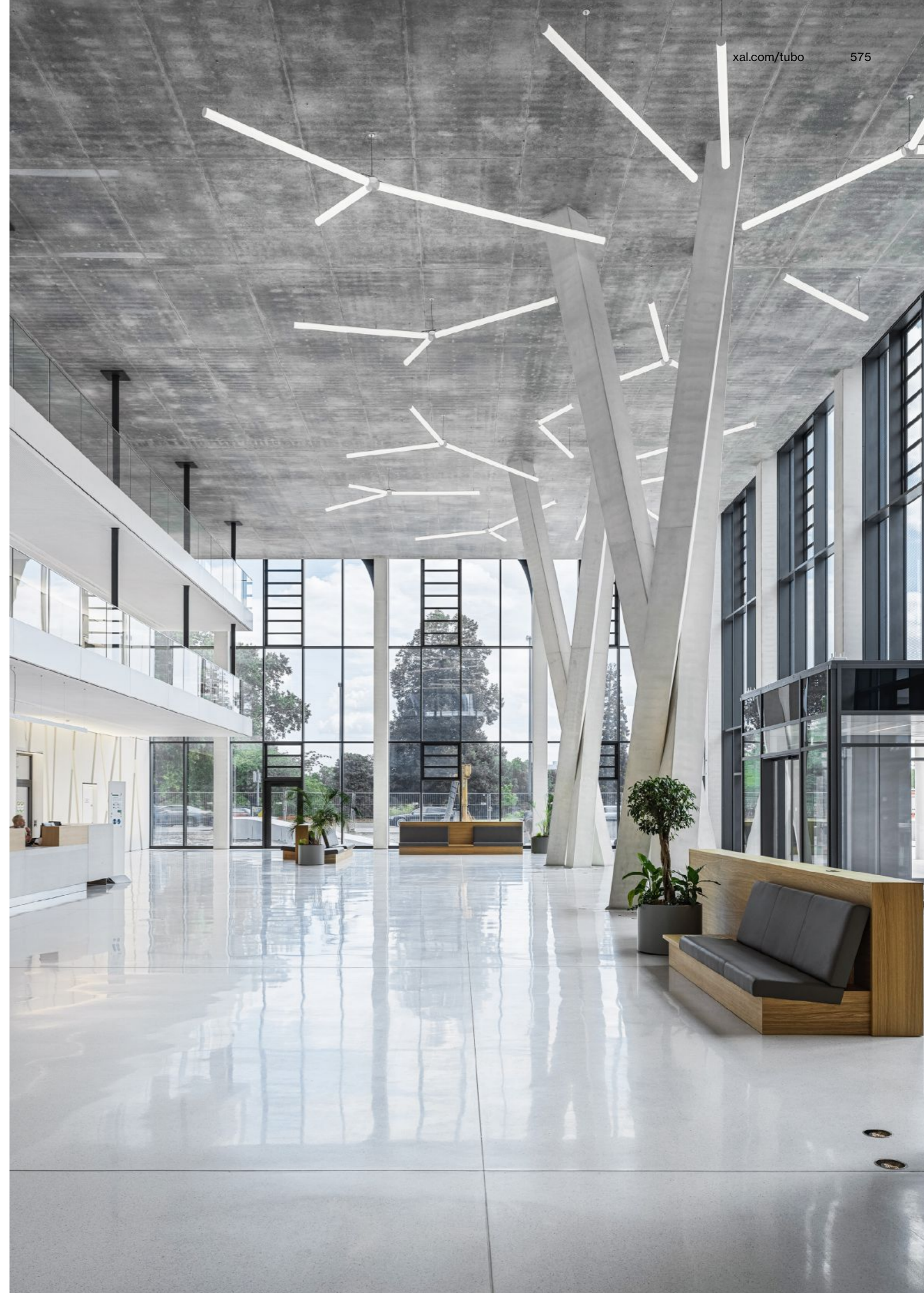


opal
direct

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal



Heidelberg Cement AG Heidelberg, DE –
by Albert Speer + Partner Architekten with lighting
design by Hailight Lichtplanung, Andreas Haidegger





TUBO 100

surface / suspended

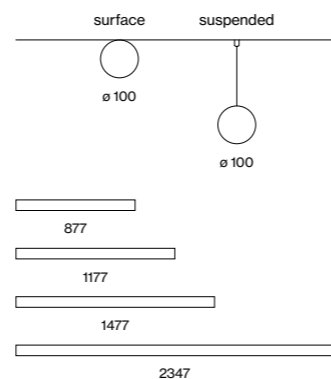
EN Supporting profile in extruded aluminium; end cap in aluminium, no visible screws; powder coated; suitable for wall or ceiling mounting (TUBO 100 surface); surface mounted or suspended luminaire with cable suspension; height adjustment without tools; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; luminaire profile for mounting available in advance; remaining components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; cylindrical cover made of satinised PMMA for homogeneous illumination; with 340° light emission and light ceiling illumination; energy-eff. LEDs – very good colour rendering

FR Profilé portant en profil extrudé en aluminium ; couvercle final en aluminium, aucune vis visible ; thermolaquée ; convient au montage mur ou plafond (TUBO 100 surface) ; luminaire en saillie ou suspendu avec câble de suspension ; réglage en hauteur sans outil ; fixation au luminaire au moyen de clips à ressort ; positionnement libre ; conduit d'alimentation transparent inclus ; Profilé de luminaire pour montage livrable avant ; composants restants montable sans outil ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache cylindrique en PMMA satiné pour éclairage homogène ; avec diffusion de lumière à 340° et léger éclairage de plafond ; LED à haut rend. énerg. – excellent rendu coul.

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 138lm/W
L90 @ 50 000h
non DIM, DALI-2
opal

Types



Colour



Light distributions



system
solution (p. 954)



uniform
illumination

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

○ pure white RAL 9010

LIGHT OPTIC COVER

opal

Options on request

CONTROL

Casambi

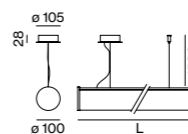


TUBO 100 surface



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
27.5 W	3000K	3580lm	877	058-1133::70
	4000K	3790lm		
37 W	3000K	4770lm	1177	058-1134::70
	4000K	5050lm		
46 W	3000K	5960lm	1477	058-1135::70
	4000K	6310lm		
73 W	3000K	9540lm	2347	058-1138::70
	4000K	10100lm		



TUBO 100 suspended

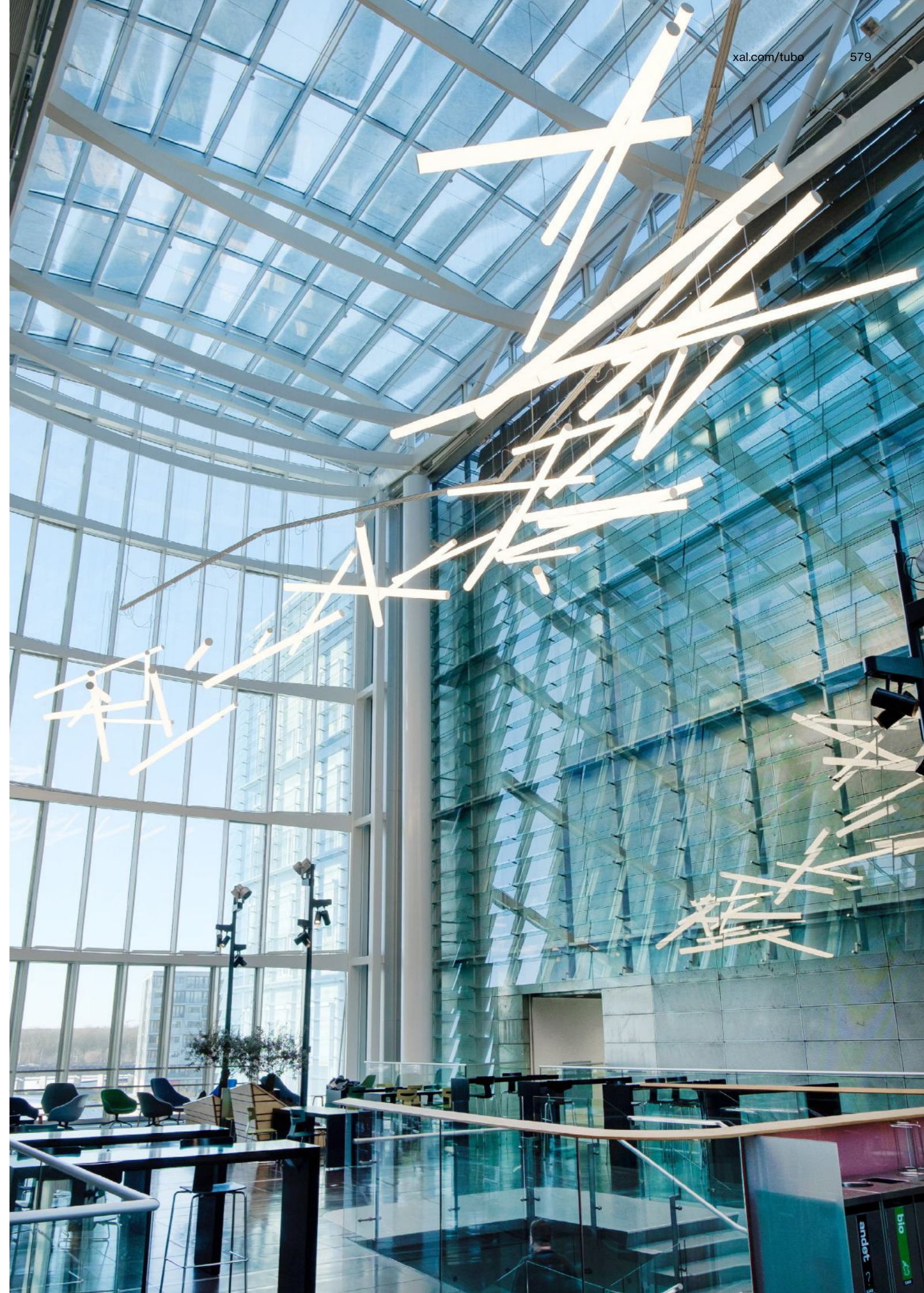
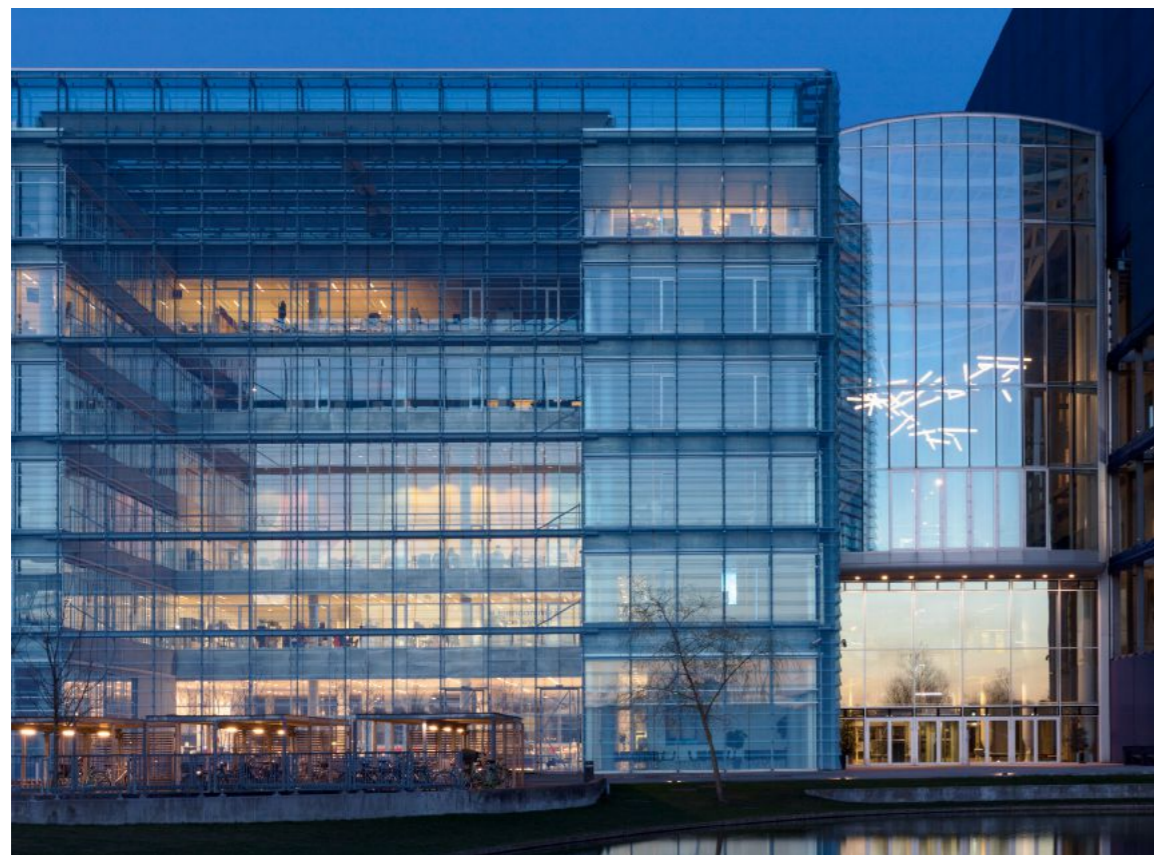
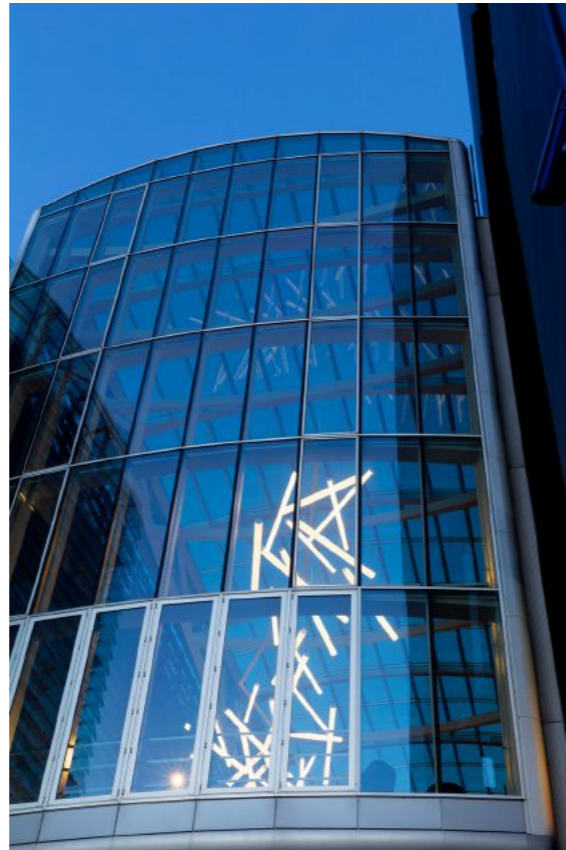


LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
27.5 W	3000K	3580lm	877	058-1233::70
	4000K	3790lm		
37 W	3000K	4770lm	1177	058-1234::70
	4000K	5050lm		
46 W	3000K	5960lm	1477	058-1235::70
	4000K	6310lm		
73 W	3000K	9540lm	2347	058-1238::70
	4000K	10100lm		

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

DR Byen
Copenhagen, DK –
by Vilhelm Lauritzen Arkitekter
with lighting design by Willerup&Heinsvig



Create light sculptures



INO

EN A classic in lighting design, redefined. Create exciting, multidimensional light sculptures by combining different INO shapes. INO's lighting characteristics are extraordinary. Light is emitted upwards and downwards through a sole exit surface, surrounding the luminaire like an aura. The circular and square luminaires are mounted horizontally or vertically. INO is available in white, black, and grey, as well as in numerous custom colours. All versions come in the light colours 2700K, 3000K, 4000K, or Tunable White.

FR Un classique de la conception d'éclairage revisité. La combinaison de différentes formes géométriques permet de créer de captivantes sculptures lumineuses multidimensionnelles. La particularité d'INO tient à son faisceau lumineux. Avec une seule sortie vers l'intérieur, la lumière est émise vers le haut et vers le bas, entourant le luminaire à la façon d'un halo. Carrés ou circulaires les luminaires peuvent être montés horizontalement ou verticalement. INO est disponible en blanc, noir, gris et or ainsi que dans d'autres couleurs spécifiques. Toutes les versions existent dans les couleurs de lumière 2700K, 3000K, 4000K ou Tunable White.

Types



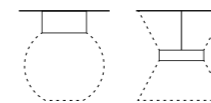
700	750
900	1000
1200	1250
1500	1500

Mounting



suspended

Light distributions

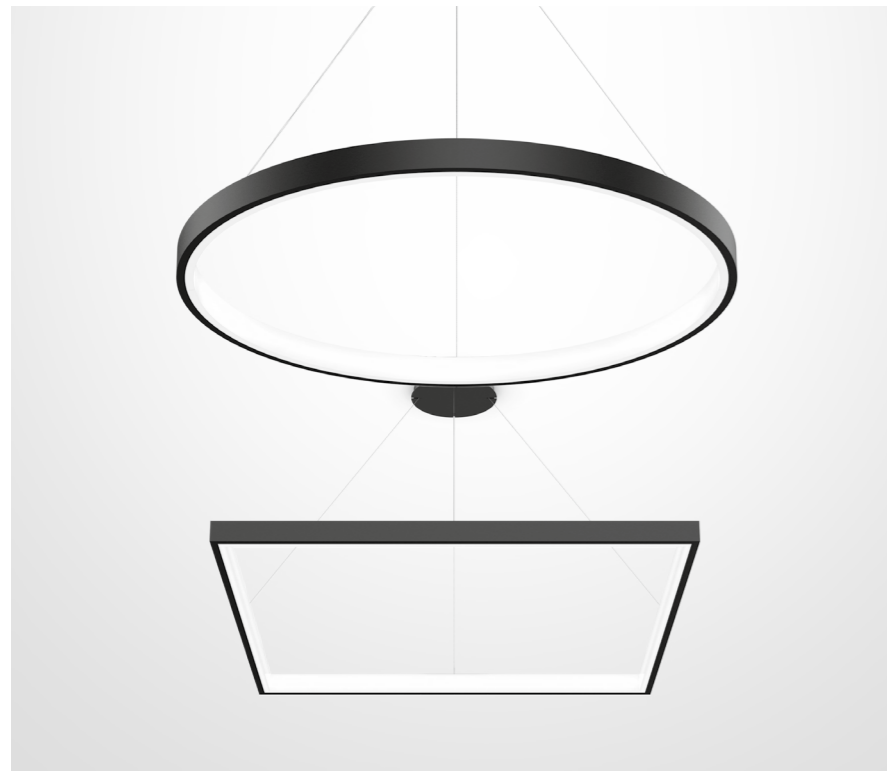


opal direct
indirect

Light distribution

EN INO's beam characteristics make it unique. It boasts a three-dimensional light-emitting surface that sends light upwards, downwards, and inwards, surrounding the luminaire with an aura. This high-quality luminaire's surroundings are illuminated evenly, while the inside of the ring stays visible even from a distance.

FR La particularité d'INO réside dans son rayonnement. Grâce à une surface de sortie tridimensionnelle, la lumière est émise vers le haut, le bas et l'intérieur, entourant le luminaire à la façon d'un halo. La lumière de haute qualité éclaire uniformément les environs, tandis que l'intérieur de l'anneau est visible de loin.



Geometric variety

EN Discover even more INO design options through different sizes and shapes. The luminaire is available in square and circular versions. Up to four different sizes provide even more creative freedom.

FR Découvrez davantage de possibilités de conception avec INO grâce à la grande variété de tailles et de formes. Le luminaire est disponible au choix en version carrée ou ronde. Et avec jusqu'à quatre tailles différentes, les possibilités de combinaisons créatives ne manquent pas.

Colour variety

EN INO comes in the standard white, grey, or black. Other colours are available, unlocking maximum design freedom for your project. Find out more about our palette at: xal.com/colours

FR INO est disponible dans les couleurs standard blanc, gris, noir et or, mais aussi dans d'autres coloris, assurant une liberté de conception maximale pour votre projet. Pour en savoir plus sur notre gamme de couleurs, consultez notre site à la page xal.com/couleurs



xal.com/colours

TW – Tunable White

EN Changes in the colour of light have a substantial effect on our mood. Tunable White allows the colour temperature to be continuously adjusted from 2700 K (warm light) to 6500 K (cool light) to dynamically adapt the lighting to the time of day or ambient brightness.

FR Les variations de la température de couleur ont un puissant effet sur notre humeur. Tunable White permet le passage en continu de la température de couleur de 2700 K (lumière chaude) à 6500 K (lumière froide), afin d'adapter l'éclairage de manière dynamique à l'heure ou à la luminosité ambiante.

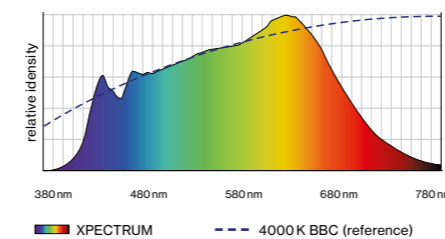


Effective from every perspective

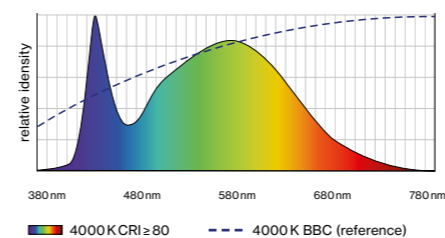
EN INO can be suspended horizontally or vertically from the ceiling. INO offers a range of options for creating bespoke arrangements and effective ceiling and wall sculptures.

FR INO peut être suspendu au plafond non seulement horizontalement mais aussi verticalement, permettant ainsi de créer des configurations personnalisées et des sculptures très réussies au mur comme au plafond.

XPECTRUM LED



Commercially available LED 4000 K



Full-spectrum LED

EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases sleep quality. The excellent colour rendering of IES TM 30-15 $R_f = 98$ and $R_g = 101$ further helps visual comfort.

FR La nouvelle LED XPECTRUM de XAL fournit une lumière saine et adaptée au rythme circadien. La réduction de la lumière bleue ainsi que l'augmentation des valeurs cyan réduisent le risque que représente pour l'œil la lumière bleue, retrouvant un niveau similaire à celui de la lumière du jour. Il en résulte un effet d'éclairage non visuel, dit mélanopique, qui favorise la concentration et améliore la qualité du sommeil. L'excellent rendu des couleurs de l'IES TM 30-15 $R_f = 98$ et $R_g = 101$ constitue un autre atout pour le confort visuel.

← back



INO circle suspended

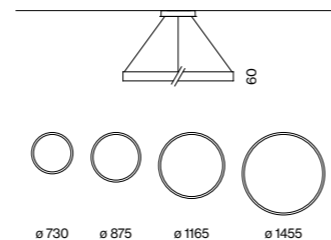
EN Ring shaped luminaire housing from rolled aluminium extruded profile, seamlessly welded; surface powder coated; pendant fitting with cable suspension; height adjustment without tools; with transparent feeder cable; electronic operating unit installed in the canopy; completely homogeneously illuminated, satinised PMMA cover; inwards facing emission characteristics; direct/indirect illumination characteristic for additional emphasis of the ceiling and more visual comfort; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

FR Corps de luminaire en forme d'anneau en profil extrudé roulé en aluminium soudé sans trace visible ; surface thermolaquée ; suspension par câble ; réglage en hauteur sans outil ; conduit d'alimentation transparent inclus ; disp. électronique d'alimentation intégré au cache-piton ; cache PMMA, à éclairage parfaitement homogène, satiné ; caractéristique de rayonnement orientée vers l'intérieur ; caractéristique de rayonnement directe/indirecte pour mettre le plafond en valeur et un meilleur confort de vue ; LED économes en énergie à restitution de couleur élevée ; cache-piton avec 2 orifices de câblage et CIIP de fixation pour câblage continu

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 80, 3 SDCM
up to 143 lm/W
L90 @ 50 000 h
DALI-2
opal

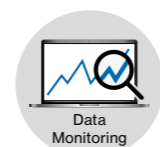
Types



Colours



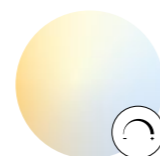
Light distribution



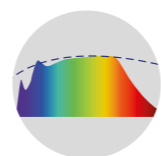
DiiA® standards
251, 252, 253



direct/indirect
illumination



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

Order options

SUSPENSION
cable 2000 mm / canopy central

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8
● special colours* ● p. 992	X

*canopy always in white

LIGHT OPTIC COVER

opal high performance

Options on request

SUSPENSION
cable 2000 mm

COLOUR RENDERING INDEX
CRI ≥ 90
CRI ≥ 98 XPECTRUM

CONTROL

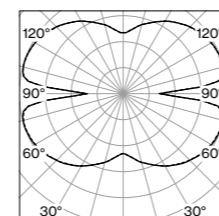
Casambi

COLOUR TEMPERATURE
tunable white 2700–6500 K
DALI-2 DT8

SHAPES

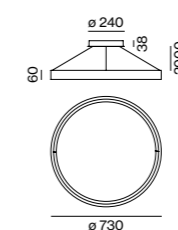
INO trig suspended
INO hex suspended
INO circle vertical suspended

Light distribution



opal high performance
direct/indirect

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

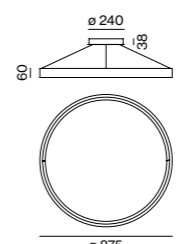


INO 700 circle suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
32 W	2700 K	4060 lm	0 3 4 - 3 4 1 2 :: 3 H
	3000 K	4310 lm	
	4000 K	4570 lm	

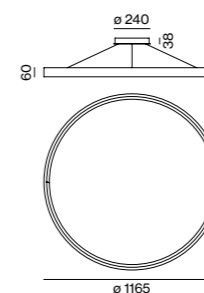


INO 900 circle suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
39 W	2700 K	4870 lm	0 3 4 - 3 4 1 3 :: 3 H
	3000 K	5180 lm	
	4000 K	5480 lm	

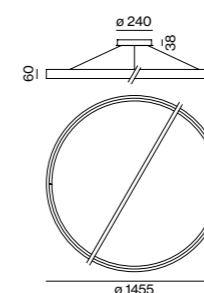


INO 1200 circle suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
51 W	2700 K	6490 lm	0 3 4 - 3 4 1 4 :: 3 H
	3000 K	6900 lm	
	4000 K	7310 lm	

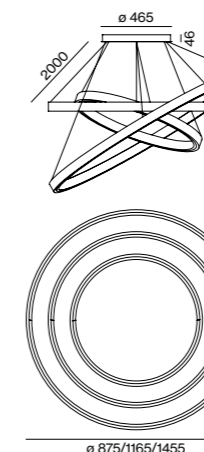


INO 1500 circle suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
64 W	2700 K	8120 lm	0 3 4 - 3 4 1 5 :: 3 H
	3000 K	8630 lm	
	4000 K	9130 lm	



INO TRIPLE circle suspended



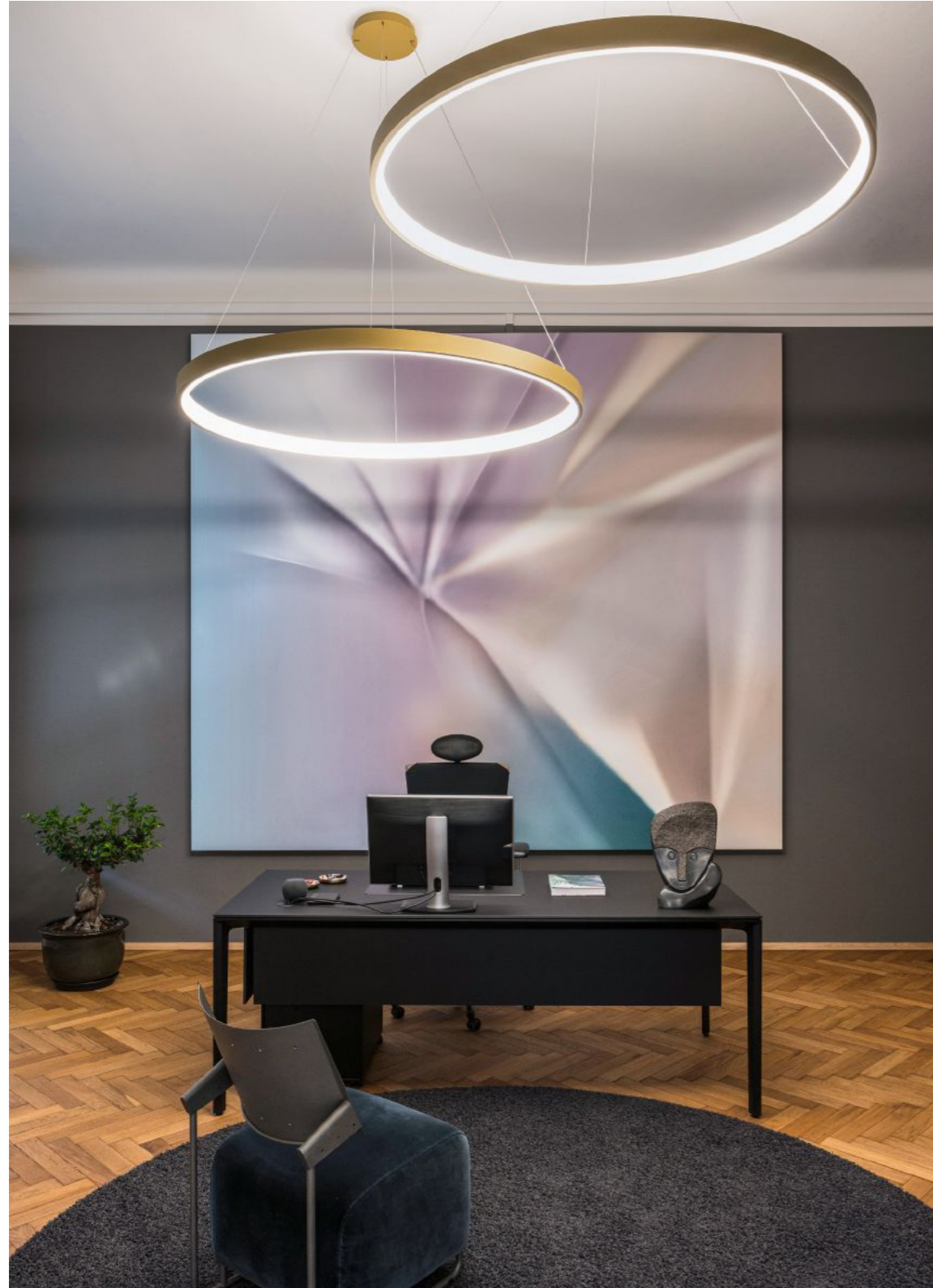
DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
154 W	2700 K	19580 lm	0 3 4 - 3 8 1 5 :: 3 H
	3000 K	20710 lm	
	4000 K	21920 lm	

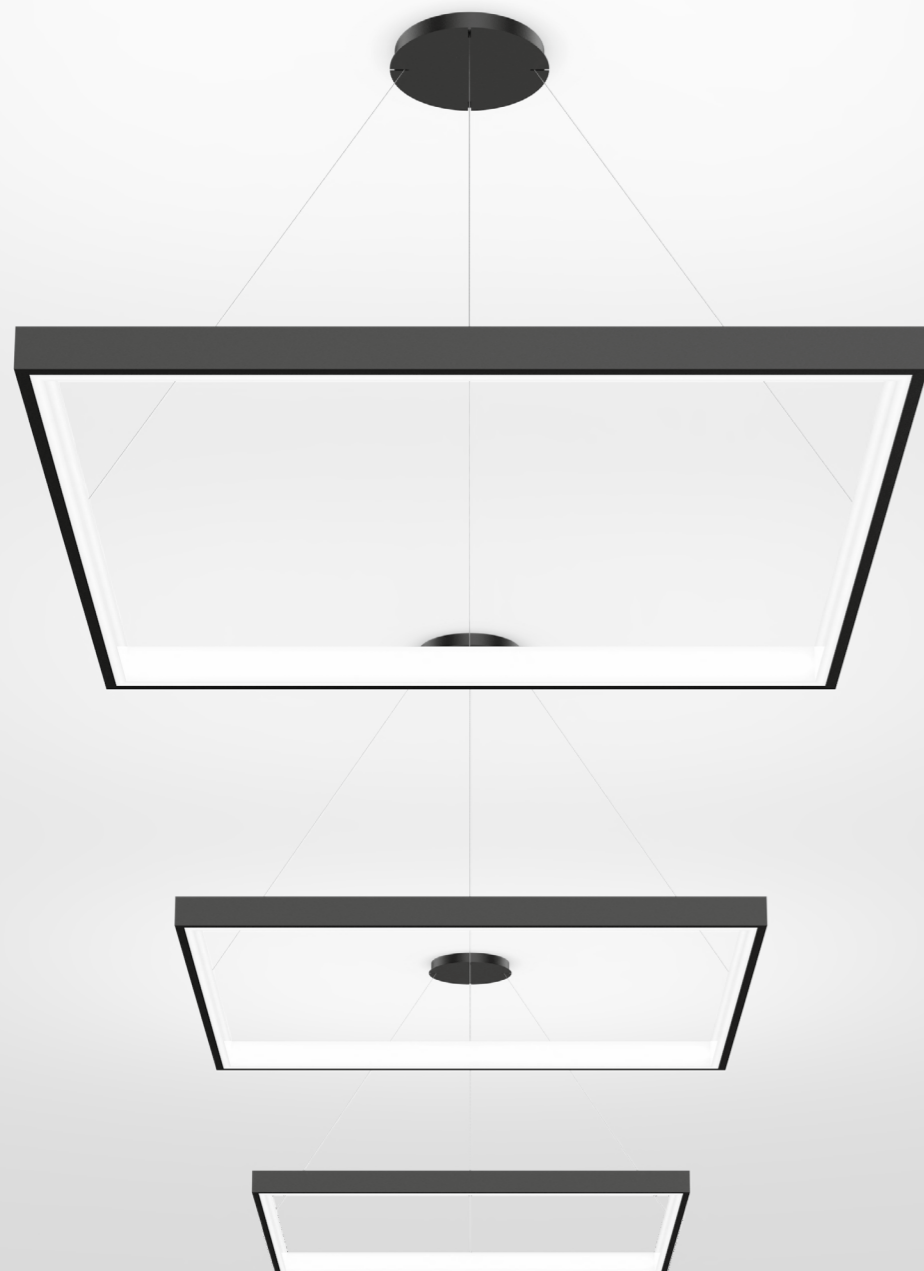
Villa Mayfair Barcelona, ES



PrimeTime Touristik und Marketing GmbH Graz, AT



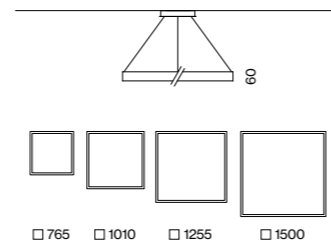
← back



Quickinfo

2700 K, 3000 K, 4000 K
 CRI ≥ 80, 3 SDCM
 up to 144 lm/W
 L90 @ 50 000 h
 DALI-2
 opal

Types



Colours



Light distribution



INO square

suspended

EN Square aluminium luminaire housing; surface powder coated; pendant fitting with cable suspension; height adjustment without tools; with transparent feeder cable; electronic operating unit installed in the canopy; completely homogeneously illuminated, satinised PMMA cover; inwards facing emission characteristics; direct/indirect illumination characteristic for additional emphasis of the ceiling and more visual comfort; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

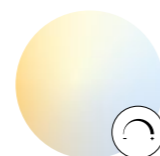
FR Corps de luminaire carré en aluminium ; surface thermolaquée ; suspension par câble ; réglage en hauteur sans outil ; conduit d'alimentation transparent inclus ; disp. électronique d'alimentation intégré au cache-piton ; cache PMMA, à éclairage parfaitement homogène, satiné ; caractéristique de rayonnement orientée vers l'intérieur ; caractéristique de rayonnement directe/indirecte pour mettre le plafond en valeur et un meilleur confort de vue ; LED économes en énergie à restitution de couleur élevée ; cache-piton avec 2 orifices de câblage et clip de fixation pour câblage continu



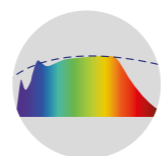
DiiA® standards
251, 252, 253



direct/indirect
illumination



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

Order options

SUSPENSION
 cable 2000 mm / canopy central

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8
● special colours* ● p. 992	X

*canopy always in white

LIGHT OPTIC COVER

opal high performance

Options on request

SUSPENSION

cable 2000 mm

COLOUR RENDERING INDEX

CRI ≥ 90
 CRI ≥ 98 XPECTRUM

CONTROL

Casambi

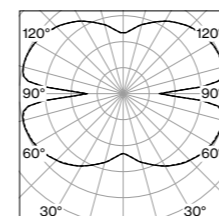
COLOUR TEMPERATURE

tunable white 2700–6500 K
 DALI-2 DT8

SHAPES

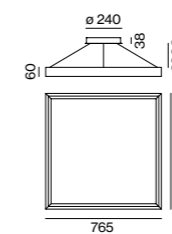
INO trig suspended
 INO hex suspended
 INO circle vertical suspended

Light distribution



opal high performance
 direct/indirect

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal

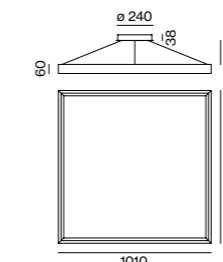


INO 750 square suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
40 W	2700 K	5120 lm	0 3 4 - 4 4 1 2 :: 3 H
	3000 K	5440 lm	
	4000 K	5760 lm	

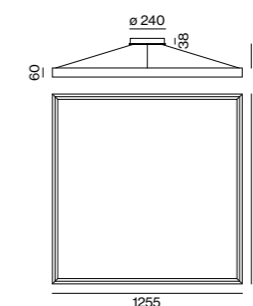


INO 1000 square suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
54 W	2700 K	6830 lm	0 3 4 - 4 4 1 3 :: 3 H
	3000 K	7250 lm	
	4000 K	7680 lm	

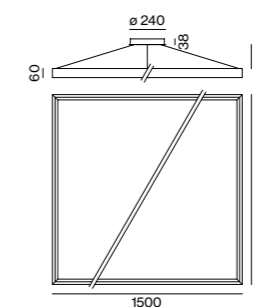


INO 1250 square suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
67 W	2700 K	8530 lm	0 3 4 - 4 4 1 4 :: 3 H
	3000 K	9070 lm	
	4000 K	9600 lm	



INO 1500 square suspended



DIRECT / INDIRECT

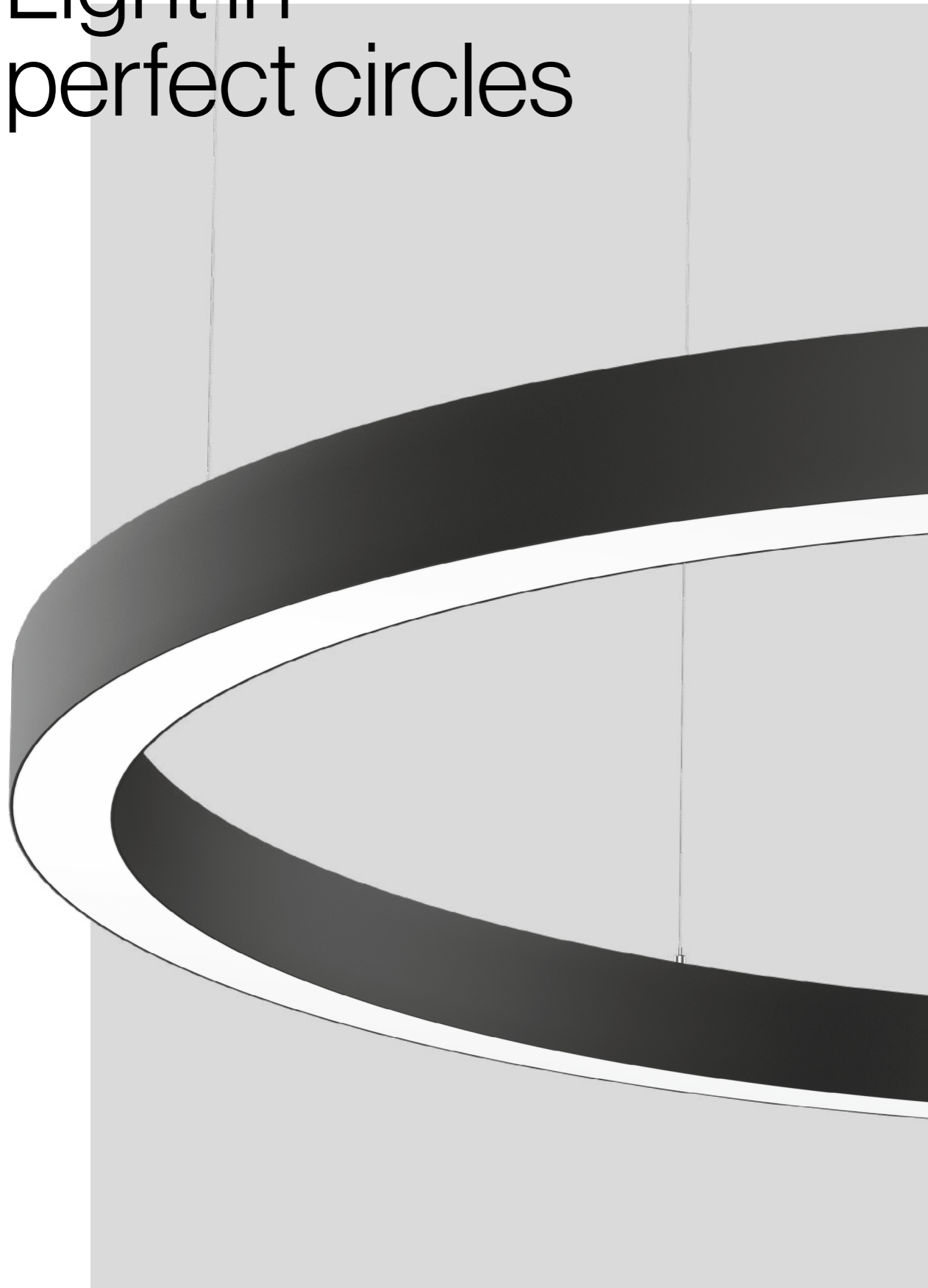
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
81 W	2700 K	10200 lm	0 3 4 - 4 4 1 5 :: 3 H
	3000 K	10900 lm	
	4000 K	11500 lm	

Granitlab Coworking

St. Martin im Mühlkreis, AT –
by GHT-Plan GmbH with lighting design
by GHT-Plan GmbH, AREA C.I. Design GmbH



Light in perfect circles

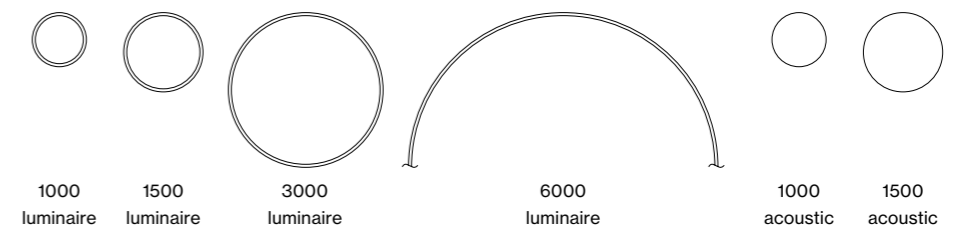


MINO CIRCLE

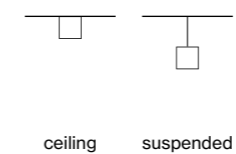
EN Beautiful circular arrangements: The grouping of MINO CIRCLE variants in different sizes and colours creates interesting and fresh ceiling patterns and figures. For optimal room acoustics, the luminaires can be supplemented with highly effective, round acoustic elements. Combine the surface-mounted ceiling and suspended versions, as well as the light colours 3000K and 4000K, for more design variety. MINO CIRCLE with indirect beam patterns provides plenty of light where additional ceiling illumination is required. For homogeneous illumination, choose luminaires with opal covers. The microprismatic cover ensures glare-free lighting.

FR Agencements esthétiques en cercle : l'agencement des variantes de MINO CIRCLE de différentes tailles et couleurs contribue à créer des formes et motifs au plafond intéressants et sans cesse changeants. Pour une acoustique optimale, il est possible d'agrémenter les luminaires d'éléments acoustiques à l'esthétique apparentée. Pour jouer sur l'effet de variation, combinez les versions montées sur plafond et suspendues ainsi que les températures de couleur 3000K et 4000K. Lorsqu'on souhaite un éclairage supplémentaire au plafond, MINO CIRCLE apporte suffisamment de lumière grâce à un rayonnement indirect. Pour un éclairage uniforme, optez pour des luminaires équipés d'un diffuseur opale, tandis que le diffuseur microprismatique assure un éclairage sans éblouissement.

Types

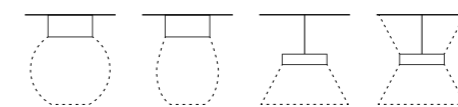


Mountings



ceiling suspended

Light distributions



opal microprismatic direct direct/indirect

back



MINO CIRCLE

ceiling

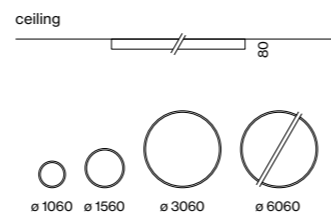
EN Ring shaped luminaire housing from rolled aluminium extruded profile, seamlessly welded; surface powder coated; light inset consisting of highly reflective coated die-cast aluminium for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; sound absorbing elements available; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en forme d'anneau en profil extrudé roulé en aluminium soudé sans trace visible ; surface thermolaquée ; élément lumineux composé d'aluminium moulé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; éléments d'absorption acoustique disponible ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 123lm/W
L90 @ 50 000h
DALI-2
opal, microprismatic

Types



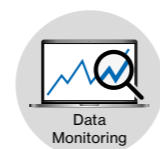
Luminaire colours



Light distribution



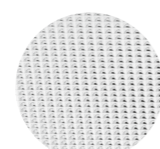
direct



DiiA® standards
251, 252, 253



direct/indirect
illumination



microprismatic



acoustic
elements (p. 606)

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8
<input type="radio"/> special colours p. 992	X

LIGHT OPTIC COVER

opal high performance	H
microprismatic	Z

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

CONTROL

Casambi



MINO 60 CIRCLE 1000 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
65 W	3000 K	7130 lm	0 3 4 - 2 1 1 2 :: 3
	4000 K	7550 lm	

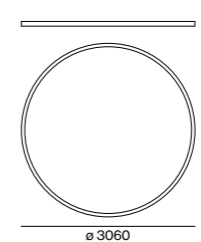


MINO 60 CIRCLE 1500 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
99 W	3000 K	11400 lm	0 3 4 - 2 1 1 0 :: 3
	4000 K	12100 lm	



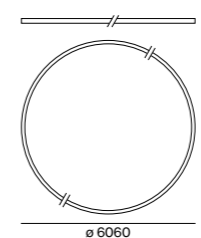
MINO 60 CIRCLE 3000 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
198 W	3000 K	23000 lm	0 3 4 - 2 1 1 4 :: 3 7 H
	4000 K	24300 lm	

other configurations see MINO 60 CURVE system



MINO 60 CIRCLE 6000 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
396 W	3000 K	45900 lm	0 3 4 - 2 1 1 6 :: 3 7 H
	4000 K	48600 lm	

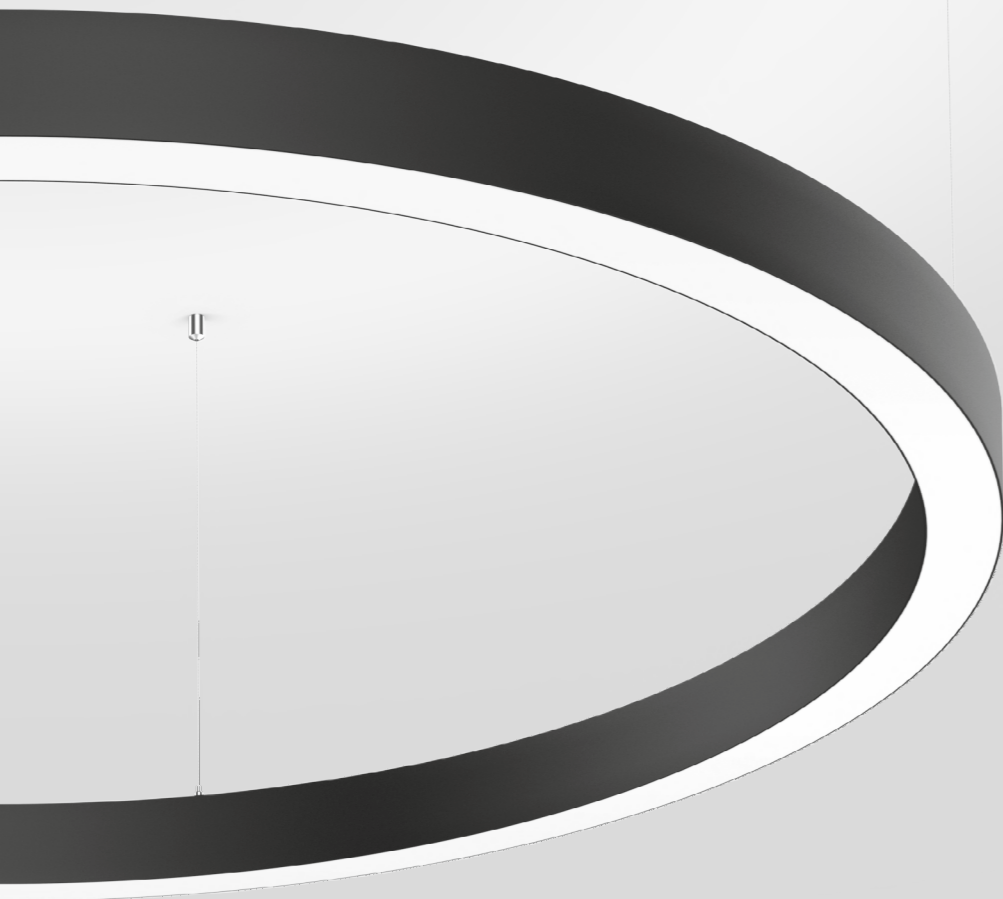
other configurations see MINO 60 CURVE system

Acoustic elements

see page 606

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

← back



MINO CIRCLE

suspended

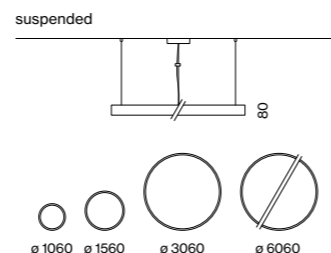
EN Ring shaped luminaire housing from rolled aluminium extruded profile, seamlessly welded; surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. transparent feed; light inset consisting of highly reflective coated die-cast aluminium for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; optional with direct/indirect illumination characteristic for additional emphasis of the ceiling and more visual comfort; energy-efficient LEDs with very good colour rendering; sound absorbing elements available

FR Corps de luminaire en forme d'anneau en profil extrudé roulé en aluminium soudé sans trace visible ; surface thermolaquée ; suspension par câble ; réglage en hauteur sans outil au luminaire ; incl. conduit d'alimentation transparent ; élément lumineux composé d'aluminium moulé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; en option avec caractéristique de rayonnement direct/indirect pour mettre le plafond en valeur et un meilleur confort de vue ; LED économes en énergie à restitution de couleur élevée ; éléments d'absorption acoustique disponible

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 132lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic

Types



Luminaire colours



Light distributions



Order options

SUSPENSION
 cable 1500mm 2
 cable 1500mm/canopy central 4

COLOUR TEMPERATURE
 3000K 5
 4000K 6

CONTROL
 DALI-2

LUMINAIRE COLOUR
 ○ pure white RAL 9010 7
 ● white aluminium RAL 9006 G
 ● jet black RAL 9005 8
 ● special colours* ● p. 992 X
 *canopy always in white

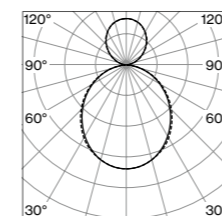
LIGHT OPTIC COVER
 opal high performance H
 microprismatic Z

Options on request

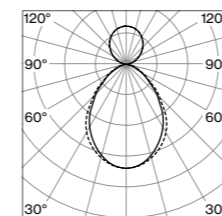
COLOUR RENDERING INDEX
 CRI ≥ 90

CONTROL
 Casambi

Light distributions

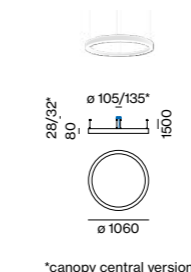


opal
 direct/indirect

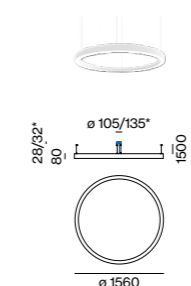


microprismatic
 direct/indirect

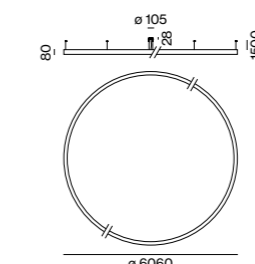
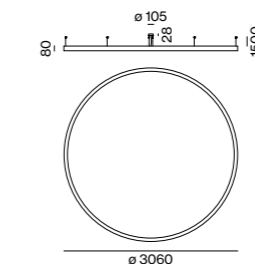
LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal



*canopy central version



*canopy central version



MINO 60 CIRCLE 1000 suspended



DIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
65 W	3000 K	7130 lm	0 3 4 - 2 5 1 2 :: 3 7 H
	4000 K	7550 lm	



DIRECT / INDIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
87 W	3000 K	↓ 7120 / ↑ 3190 lm	0 3 4 - 2 5 1 3 :: 3 7 H
	4000 K	↓ 7540 / ↑ 3380 lm	

MINO 60 CIRCLE 1500 suspended



DIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
99 W	3000 K	11400 lm	0 3 4 - 2 5 1 0 :: 3 7 H
	4000 K	12100 lm	



DIRECT / INDIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
132 W	3000 K	↓ 11400 / ↑ 5100 lm	0 3 4 - 2 5 1 1 :: 3 7 H
	4000 K	↓ 12100 / ↑ 5400 lm	

MINO 60 CIRCLE 3000 suspended



DIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
198 W	3000 K	23000 lm	0 3 4 - 2 2 1 4 :: 3 7 H
	4000 K	24300 lm	

other configurations see MINO 60 CURVE system

MINO 60 CIRCLE 6000 suspended

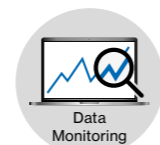


DIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
396 W	3000 K	45900 lm	0 3 4 - 2 2 1 6 :: 3 7 H
	4000 K	48600 lm	

other configurations see MINO 60 CURVE system

Acoustic elements

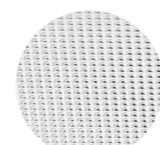
see page 606



DiiA® standards
 251, 252, 253



direct/indirect
 illumination



microprismatic



acoustic
 elements (p. 606)

Private Residence SPV29
Sofia, BG –
by ALL in STUDIO LTD
including lighting design





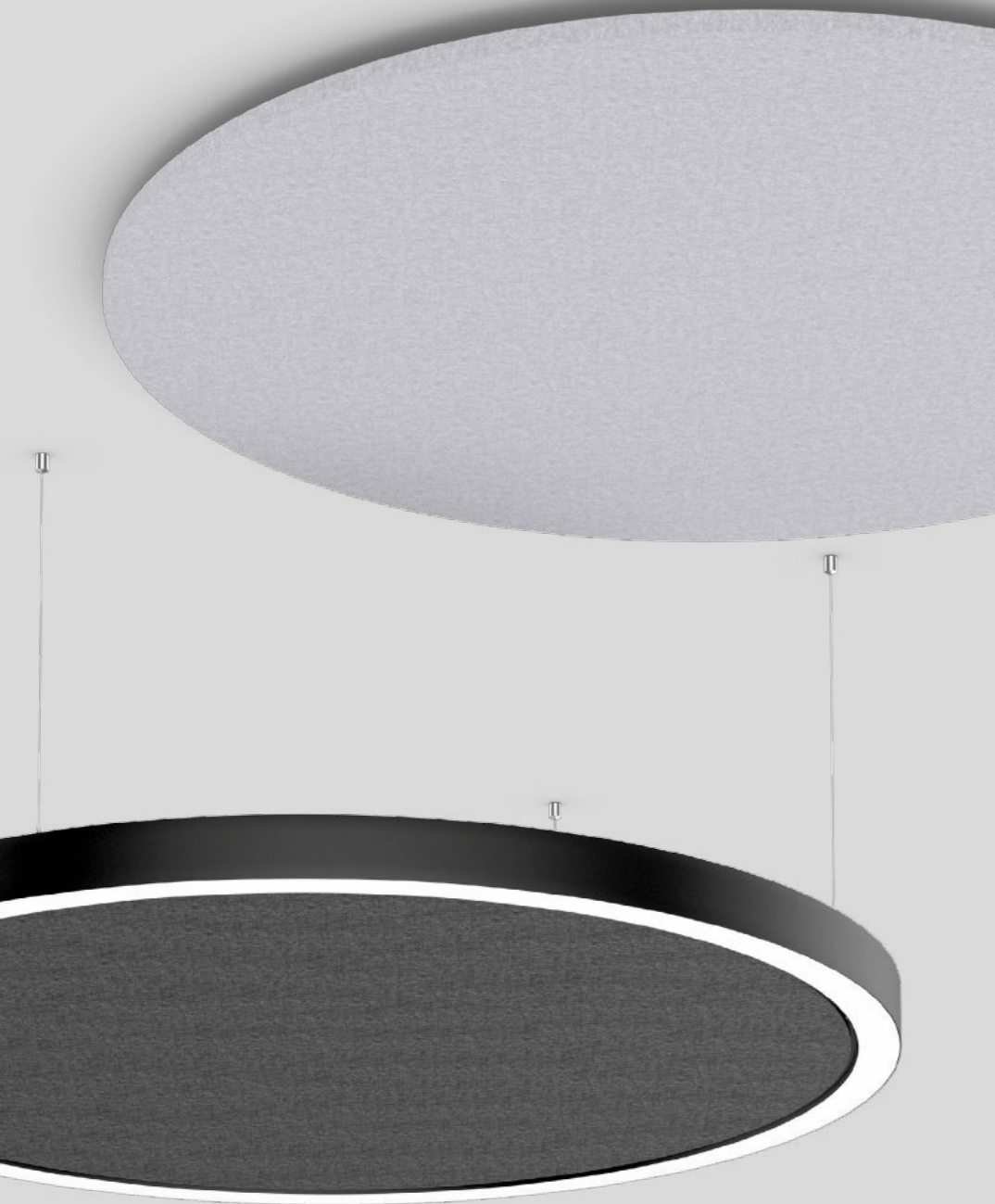
Crown Square's Lobby
Warsaw, PL



Vifor Pharma St. Gallen, CH –
by Aroma Architecture -
Alessandro Nicotra with lighting
design by SLG Lichtdesigner



← back



MINO CIRCLE

acoustic elements

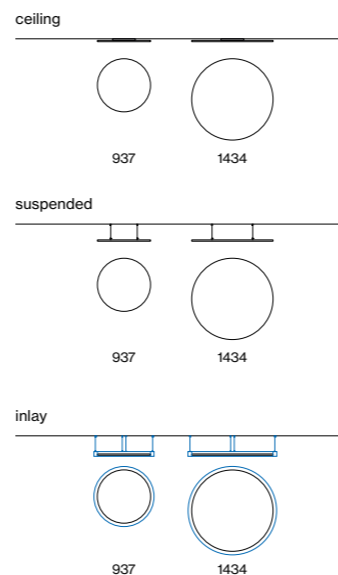
EN Acoustic element made of high-quality, self-supporting, recycled PET felt with sound absorbing properties; round design; high-quality visual and tactile surface; absorption of direct sound and sound reflected from the ceiling; this creates high acoustic performance; for insertion into MINO circle ceiling and MINO circle suspended; or single installation, choice of surface mounted and pendant versions with cable suspension; tool-less suspension height adjustment of the acoustic element

FR Élément acoustique en feutre PET recyclé, autoportant, haute qualité, doué de propriétés insonorisantes ; forme ronde ; surface aux grandes qualités visuelles et tactiles ; absorption du bruit direct et du bruit réfléchi par le plafond ; pour de meilleures performances acoustiques ; à insérer dans un MINO circle ceiling et MINO circle suspended ; ou montage individuel, variante au choix fixée ou suspendue avec suspension par câble ; réglage de la hauteur sans outil au niveau de l'élément acoustique

Quickinfo

PET felt
 ♻️ from recycled material
 up to absorption class A
 🔥 B-s1, d0

Types



Colours



Order options

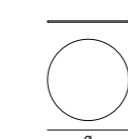
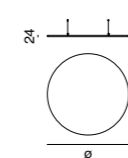
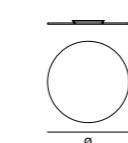
MATERIAL COLOUR

white W

marble grey D

black L

other colours on request



MINO CIRCLE ACOUSTIC ceiling

ACOUSTIC ELEMENT		
TYPE	Ø-H (mm)	ORDER CODE
1000 ceiling	937-25	034-271111 ▶
1500 ceiling	1434-25	034-271211 ▶

MINO CIRCLE ACOUSTIC suspended

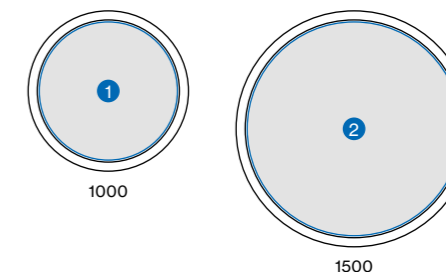
ACOUSTIC ELEMENT		
TYPE	L-W-H (mm)	ORDER CODE
1000 suspended	937-25	034-272111 ▶
1500 suspended	1434-25	034-272211 ▶

cable suspension 1500 mm

MINO CIRCLE ACOUSTIC inlay

ACOUSTIC ELEMENT		
TYPE	L-W-H (mm)	ORDER CODE
1 MINO circle 1000	937-25	034-270111 ▶
2 MINO circle 1500	1434-25	034-270211 ▶

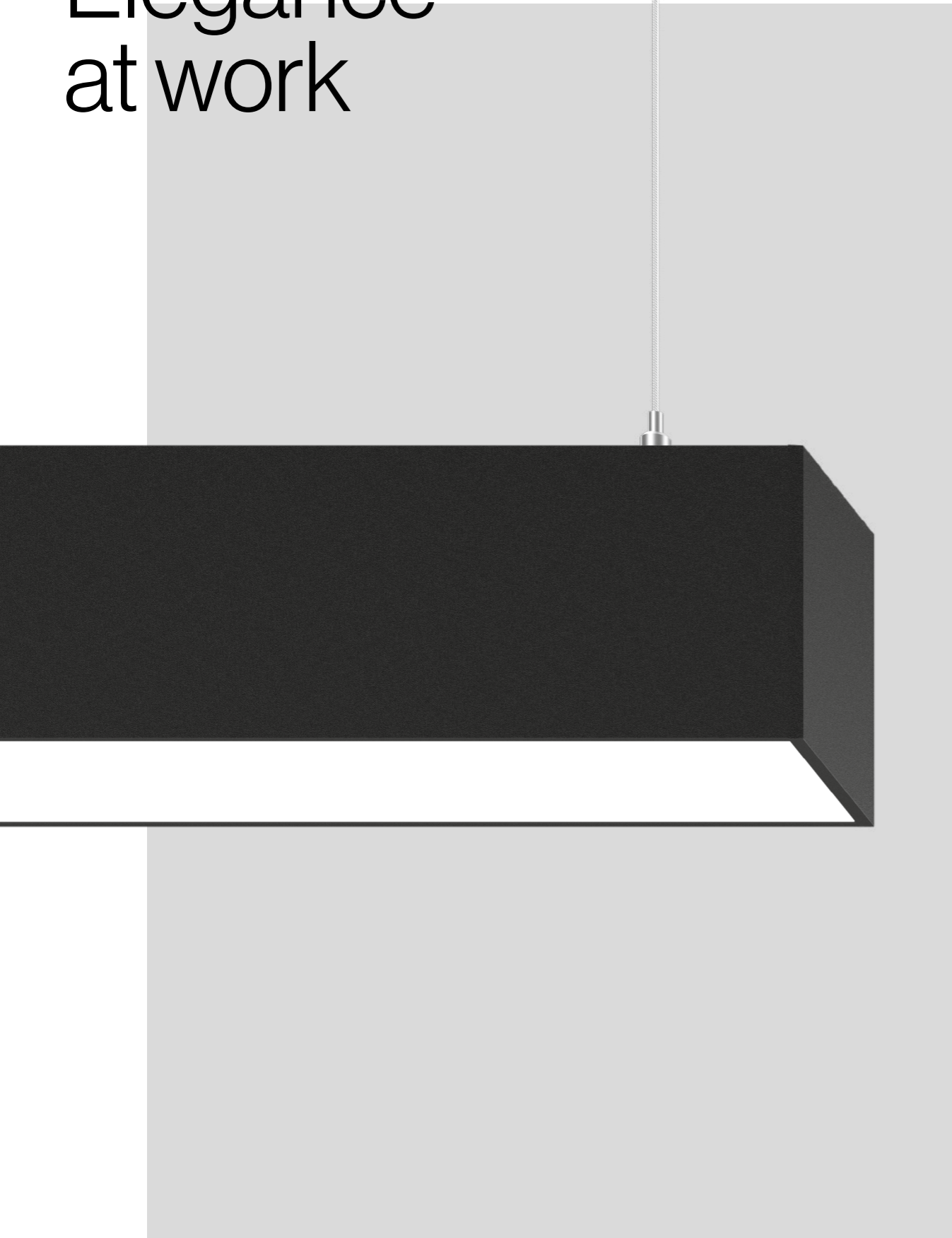
only in combination with MINO 60 CIRCLE ceiling or MINO 60 CIRCLE suspended; acoustic inlay for MINO 60 CIRCLE suspended with central canopy on request;



Planday Copenhagen, DK –
lighting design by anker & co



Elegance at work



LITO

EN LITO is a versatile, elegant, and strikingly slim office luminaire. It is available in three standard colours: white, black, and grey. The available versions comply with the standard specifications for workstations. LITO with a microprismatic cover ensures homogeneous illumination, while the reflector version with faceted optics casts directed, glare-free light onto the work surface. LITO comes with a 170° wide beam indirect light to provide pleasant ceiling illumination. Optionally equipped with a brightness & presence sensor, LITO reacts dynamically to people in the office and changing daylight. This generates a friendly working environment and saves energy.

FR Disponible en deux largeurs, en trois couleurs standard (blanc, noir, gris), LITO est un luminaire de bureau polyvalent, élégant et étonnamment élancé. Les variantes disponibles correspondent aux spécifications des normes en vigueur relatives aux postes de travail : LITO avec un diffuseur microprismatique assure une illumination homogène, tandis que la variante à réflecteur avec une optique guidée par facettes dirige de la lumière non éblouissante sur la surface de travail. Pour un éclairage agréable du plafond, LITO émet un large rayonnement de lumière indirecte à 170°. Lorsqu'il est équipé en option d'un capteur de luminosité et de présence, LITO répond de manière dynamique à la présence de personnes dans les bureaux et aux variations de la lumière du jour - cela génère un environnement de travail agréable et économise de l'énergie.

Type



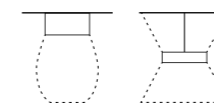
60

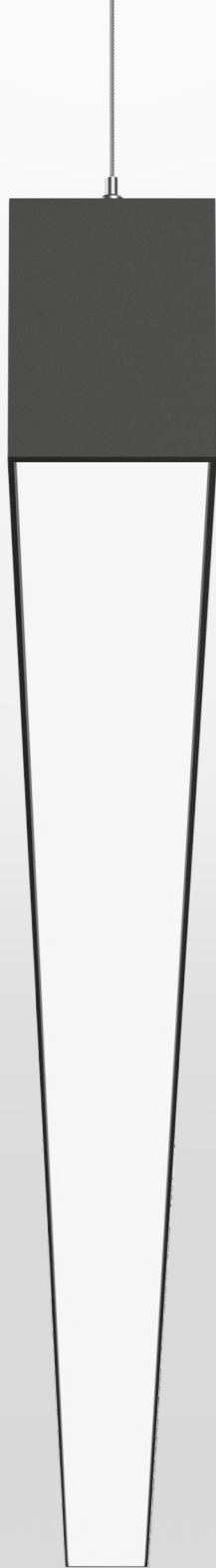
Mounting



suspended

Light distributions

microprismatic
(UGR ≤ 19)direct
indirect



LITO 60

suspended

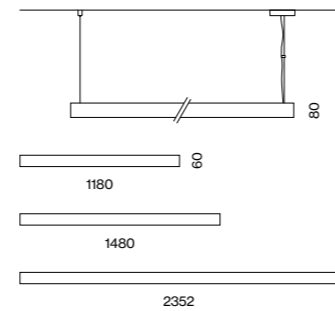
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; suspended; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; light inset made from extruded profile for improved thermal management; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; direct / indirect light distribution; indirect light component with integrated PC boards for maximum, homogeneous ceiling illumination; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en profil extrudé en alu, version arête; aucune vis visible; surface thermolaquée; suspendu; réglage en hauteur sans outil au luminaire; fixation au luminaire au moyen de clips à ressort; positionnement libre; conduit d'alimentation transparent inclus; insert lumineux en profil extrudé pour une meilleure gestion de la température; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène; caractéristique de rayonnement direct/indirect; dispositif de lumière indirecte avec platines dédiées pour un éclairage de plafond homogène maximal; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 116lm/W
L90 @ 50 000h
non DIM, DALI-2
brightness & presence sensor
microprismatic (UGR ≤ 19)

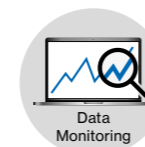
Types



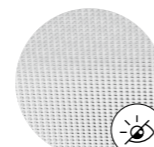
Colours



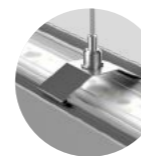
Light distribution



DiiA® standards
251, 252, 253



microprismatic
(UGR ≤ 19)



suspension freely
positionable



170° indirect
illumination

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3
ESSENTIAL sensor (brightness & presence)	7

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8

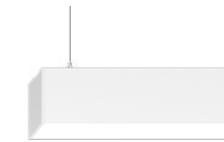
LIGHT OPTIC COVER
microprismatic (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX
CRI ≥ 90

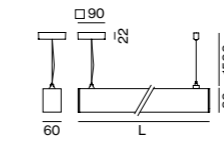
CONTROL
dynamic daylight control

LITO 60 suspended

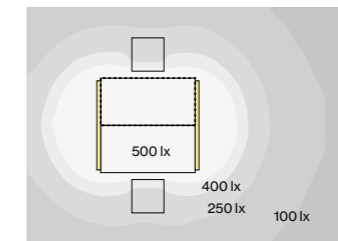


DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
41W	3000K ↓ 2610 / ↑ 1880lm		1180	0 4 6 - 5 2 2 4 :: ▢ ▢ Z
	4000K ↓ 2760 / ↑ 1990lm			
51W	3000K ↓ 3260 / ↑ 2350lm		1480	0 4 6 - 5 2 2 5 :: ▢ ▢ Z
	4000K ↓ 3450 / ↑ 2480lm			
82 W	3000K ↓ 5220 / ↑ 3750lm		2352	0 4 6 - 5 2 2 8 :: ▢ ▢ Z
	4000K ↓ 5520 / ↑ 3980lm			



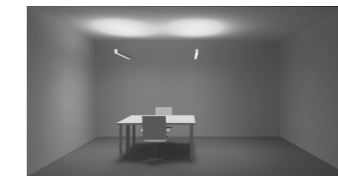
Technical data



LITO 60 suspended, 51W, 4000K
direct/indirect

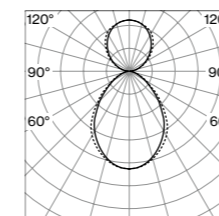
ROOM VALUES
Room dimensions 5.4 × 4 × 2.8m
Reflection factor 0.7 | 0.5 | 0.2
Maintenance factor 0.8
Mounting height 2.25m

CALCULATION SURFACE
Surface dimensions 1.6 × 0.8
Surface height 0.75
Average illuminance (E_m) > 500lx
Uniformity (U₀) > 0.6



GLARE EVALUATION
Table Classification X=4H | Y=8H | S=0.25H
UGR transversal ≤ 19
UGR axial ≤ 19

Light distribution

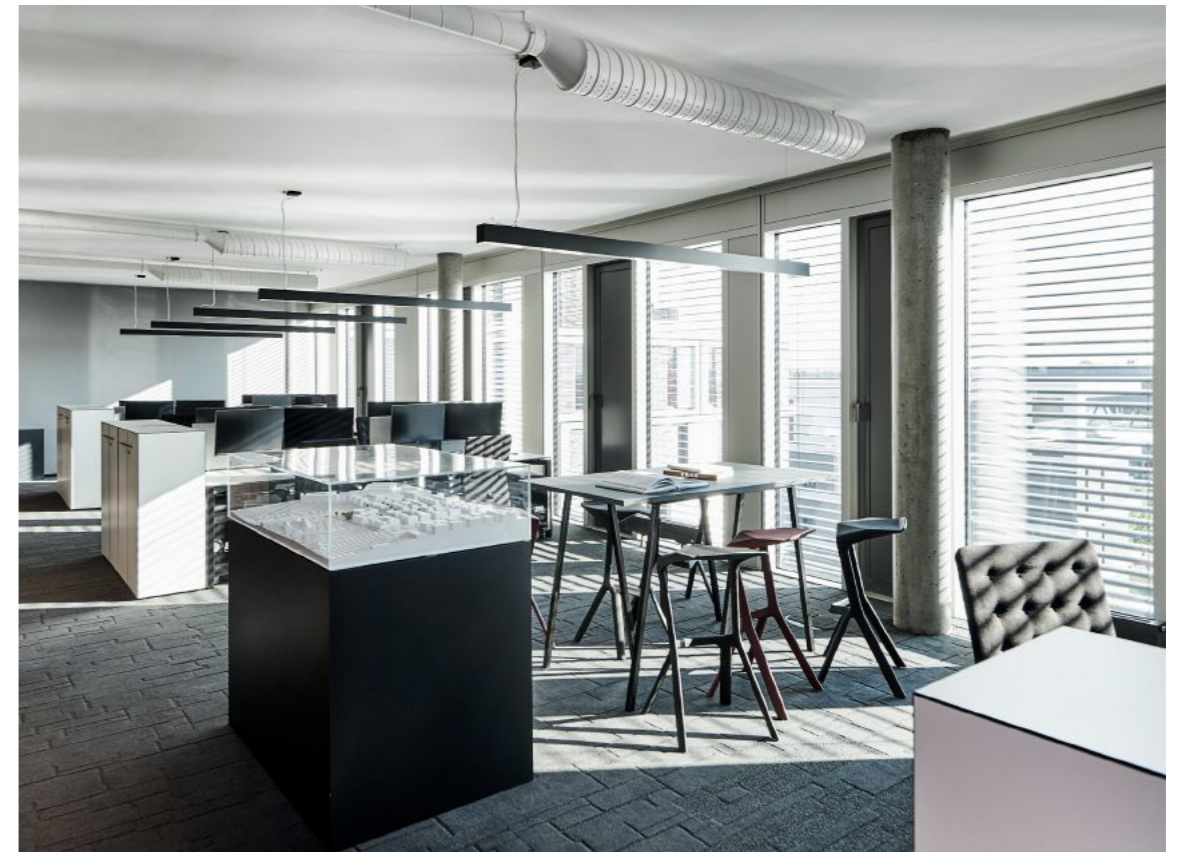


microprismatic
direct/indirect

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover microprismatic



Deutsche Wohnwerte GmbH & Co. KG
Heidelberg, DE - by brandherm + krumrey
with lighting design by notholt lighting design



Enlightened by acoustics

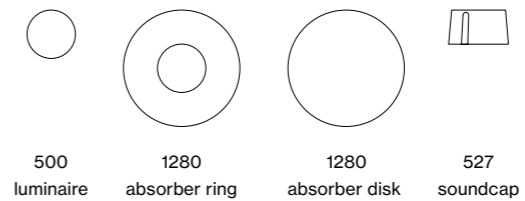


SONIC

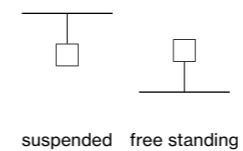
EN SONIC optimises lighting and room acoustics in one. The optional absorber elements emphasise the luminaire's modern design and ensure a pleasant acoustic environment. Alternatively, you can combine SONIC with sound-absorbing luminaire shades in 14 different colours. The cover with embossed microprisms promises outstanding lighting quality and workplace-friendly light. SONIC is available in the light colours 3000K or 4000K, and can be selected with a brightness and movement sensor, allowing the luminaire to react actively and energy-efficiently to its environment.

FR Avec SONIC, vous optimisez simultanément l'éclairage et l'acoustique. Les éléments Absorber en option viennent souligner le design moderne du luminaire et créent une ambiance acoustique des plus agréables. SONIC se marie aussi très bien avec des abat-jour insonorisants proposés dans 14 coloris distincts. Le diffuseur avec des microprismes en relief promet une excellente qualité d'éclairage et une lumière parfaitement adaptée à un poste de travail. SONIC est disponible dans les températures de couleur 3000K et 4000K et peut être choisi avec un capteur de lumière et de mouvement – ainsi, le luminaire réagit à son environnement de manière active et avec une grande efficacité énergétique.

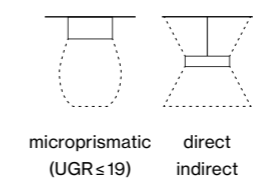
Types



Mountings



Light distributions





SONIC

suspended

EN Conical light housing in die-cast aluminium; powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. transparent feed or with height adjustable rod suspension (chrome), feed in rod; direct/indirect light distribution; indirect component – special PCBs for increased luminous flux (max. ceiling illumination); completely homogeneous illumination; energy-eff. LEDs – very good colour rendering; canopy for through wiring; acoustic elements made of high-quality, self-supporting, recycled PET felt (high acoustic performance by doubling the material) or as an acoustically effective lampshade (large selection of colours) with sound absorbing properties

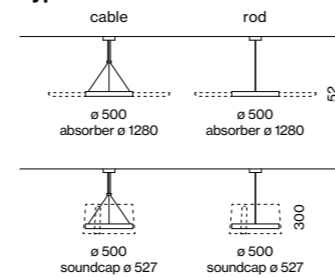
FR Corps de luminaire conique en fonte d'aluminium injectée ; thermolaquée ; suspension par câble ; réglage en hauteur sans outil au luminaire ; incl. conduit d'alimentation transp ou avec suspension pouvant être raccourcie (chrome), conduit d'alimentation dans le tube de suspension ; caractéristique de rayonnement direct/indirect ; prop. lumière indirecte - plaques propres p. flux lumineux accru (éclairc. plafond max.) ; éclairage parfaitement homogène ; LED à haut rend. éner. – excellent rendu coul. ; cache-piton pour câblage continu ; éléments acoustiques en feutre PET recyclé, autoportant, haute qualité (performances acoustiques élevées grâce à un matériau doublé) ou comme abat-jour à effet acoustique (large sélection de couleurs) doué de propriétés insonorisantes

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 152lm/W
L90 @ 50 000h
DALI-2
brightness & presence sensor
microprismatic (UGR ≤ 19)

acoustic elements
♻️ from recycled material
🔥 available as B-s1, d0

Types



Luminaire colours



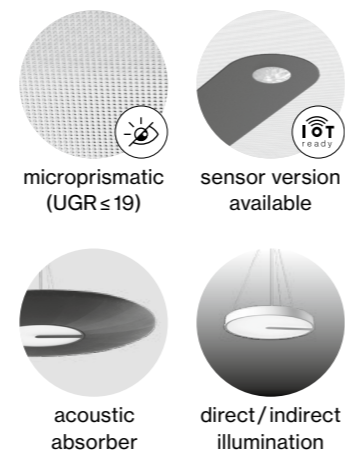
Acoustic colours



Light distribution



DiiA® standards
251, 252, 253



Order options

SUSPENSION
cable 1500mm 2
rod 1000mm 4

COLOUR TEMPERATURE
3000K 5
4000K 6

CONTROL
DALI-2 3
ESSENTIAL sensor
(brightness & presence) 7

LUMINAIRE COLOUR
○ pure white RAL 9010 7
● black grey RAL 7021 6
● special colours* p. 992 X
*canopy always in white

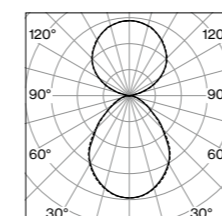
ACOUSTIC COLOUR
○ white W
● marble grey D
● felt grey G
● black L
● special colours p. 992 X

LIGHT OPTIC COVER
microprismatic (UGR ≤ 19)

Options on request

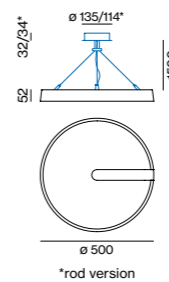
COLOUR RENDERING INDEX
CRI ≥ 90

Light distribution



microprismatic
direct/indirect

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover microprismatic



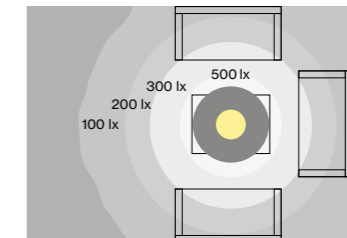
SONIC suspended



DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
69W	3000K	↓ 5000 / ± 4940 lm	0 5 9 - 7 7 2 1 1 :: P
	4000K	↓ 5290 / ± 5230 lm	

Technical data



SONIC suspended, 69W, 4000K
direct/indirect with absorber

ROOM VALUES
Room dimensions 5.4 × 4 × 2.8m
Reflection factor 0.7 | 0.5 | 0.2
Maintenance factor 0.8
Mounting height 2.25m

CALCULATION SURFACE
Surface dimensions Floor
Surface height 0.5m



GLARE EVALUATION
Table Classification X=4H | Y=8H | S=0.25H
UGR transversal ≤ 19
UGR axial ≤ 19

Acoustic elements

SONIC ABSORBER ring

COLOUR	Ø-H (mm)	ORDER CODE
white	1280-50	0 5 9 - 7 7 1 1 1 1 W
marble grey	1280-50	0 5 9 - 7 7 1 1 1 1 D
black	1280-50	0 5 9 - 7 7 1 1 1 1 L

only in combination with SONIC suspended or SONIC free standing

SONIC ABSORBER DISK suspended

COLOUR	Ø-H (mm)	ORDER CODE
white	1280-50	0 5 9 - 7 7 2 2 1 1 W
marble grey	1280-50	0 5 9 - 7 7 2 2 1 1 D
black	1280-50	0 5 9 - 7 7 2 2 1 1 L

cable suspension 1500mm

SONIC SOUNDCAP

TYPE	Ø-H (mm)	ORDER CODE
soundcap	527-300	0 5 9 - 7 7 3 1 1 1

only in combination with SONIC suspended or SONIC free standing;
bracket colour white; other bracket colours on request;



C&P Immobilien AG headquarters
Graz, AT – by INNOCAD Architektur ZT



Secure Link Antwerp, BE –
by PROJECTARCHITECTUUR
including lighting design



← back



SONIC

free standing

EN Free standing luminaire with conical luminaire head in die-cast aluminium; powder coated; round aluminium downpipe arranged centralised or decentralised; round pedestal with recess for table base; direct/indirect light distribution; indirect component – special PCBs for increased luminous flux (max. ceiling illumination); optional: indirect component with special, inclined PCBs for asymmetric radiation characteristic; completely homogeneous illumination; energy-eff. LEDs – very good colour rendering; incl. connection cable (3 m) with safety plug; acoustic elements made of high-quality, self-supporting, recycled PET felt (high acoustic performance by doubling the material) or as an acoustically effective lampshade (large selection of colours) with sound absorbing properties

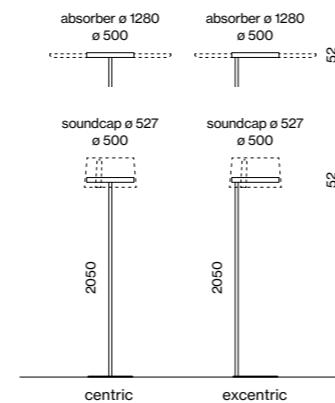
FR Lampadaire avec tête de luminaire conique en fonte d'aluminium injectée ; thermolaquée ; tube rond en aluminium disposition au choix centrale ou décentralisée ; pied rond avec échancrure pour pied de table ; caractéristique de rayonnement direct/indirect ; prop. lumière indirecte – platines propres p. flux lumineux accru (éclairage. plafond max.) ; en option : partie éclairage indirect avec platines en biais dédiées pour une caractéristique de diffusion asymétrique ; éclairage parfaitement homogène ; LED à haut rend. éner. – excellent rendu coul. ; incl. câble raccordement (3m) avec fiche contact de protection ; éléments acoustiques en feutre PET recyclé, autoportant, haute qualité (performances acoustiques élevées grâce à un matériau doublé) ou comme abat-jour à effet acoustique (large sélection de couleurs) doué de propriétés insonorisantes

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 152lm/W
L90 @ 50 000h
non DIM, touch DIM on pole
brightness & presence sensor
microprismatic (UGR ≤ 19)

acoustic elements
♻️ from recycled material
🔥 available as B-s1, d0

Types



Luminaire colours



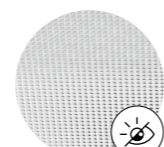
Acoustic colours



Light distribution



DiiA® standards
251, 252, 253



microprismatic
(UGR ≤ 19)



sensor version
available



direct/indirect
illumination

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM switch	1
touch DIM on pole	5
ESSENTIAL sensor (brightness & presence)	7

LUMINAIRE COLOUR	
○ pure white RAL 9010	7
● black grey RAL 7021	6
🌈 special colours p.992	X

ACOUSTIC COLOUR	
○ white	W
● marble grey	D
● felt grey	G
● black	L
🌈 special colours p.992	X

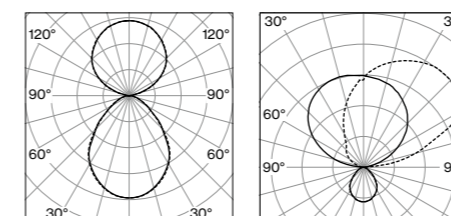
LIGHT OPTIC COVER	
microprismatic (UGR ≤ 19)	

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	

CONTROL	
cluster network DIM	
dynamic daylight control (BPI)	
Zigbee 3.0	

Light distributions



microprismatic
direct/indirect

microprismatic
direct/indirect asym. power

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover microprismatic

SONIC centric pole free standing

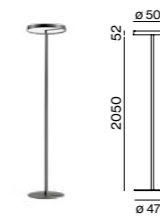


DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
69W	3000K	↓ 5000/± 4940lm	0 5 9 - 7 9 2 1 :: ⚡ P
	4000K	↓ 5290/± 5230lm	

DIRECT/INDIRECT ASYMMETRIC POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
98W	3000K	↓ 2580/± 9300lm	0 5 9 - 7 9 4 1 :: ⚡ P
	4000K	↓ 2730/± 9960lm	



SONIC excentric pole free standing

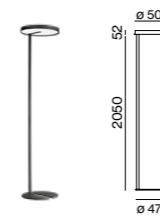


DIRECT/INDIRECT

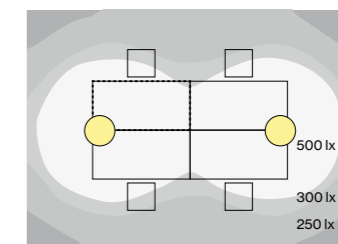
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
69W	3000K	↓ 5000/± 4940lm	0 5 9 - 7 9 2 2 :: ⚡ P
	4000K	↓ 5290/± 5230lm	

DIRECT/INDIRECT ASYMMETRIC POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
98W	3000K	↓ 2580/± 9300lm	0 5 9 - 7 9 4 2 :: ⚡ P
	4000K	↓ 2730/± 9960lm	



Technical data



SONIC excentric pole free standing
69W, 4000K, direct/indirect

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6

GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19



Acoustic elements

SONIC ABSORBER ring

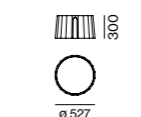
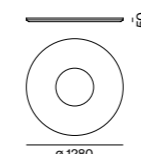
COLOUR	Ø-H (mm)	ORDER CODE
white	1280-50	0 5 9 - 7 7 1 1 1 1 W
marble grey	1280-50	0 5 9 - 7 7 1 1 1 1 D
black	1280-50	0 5 9 - 7 7 1 1 1 1 L

only in combination with SONIC centric pole free standing;
for SONIC ABSORBER DISK suspended see p.619

SONIC SOUND CAP

TYPE	Ø-H (mm)	ORDER CODE
soundcap	527-300	0 5 9 - 7 7 3 1 1 1

only in combination with SONIC suspended or SONIC free standing;
bracket colour white; other bracket colours on request



**DocSander - Dentist Practice
Room** Munich, DE –
by architopia_christine detering
gramming Architekten



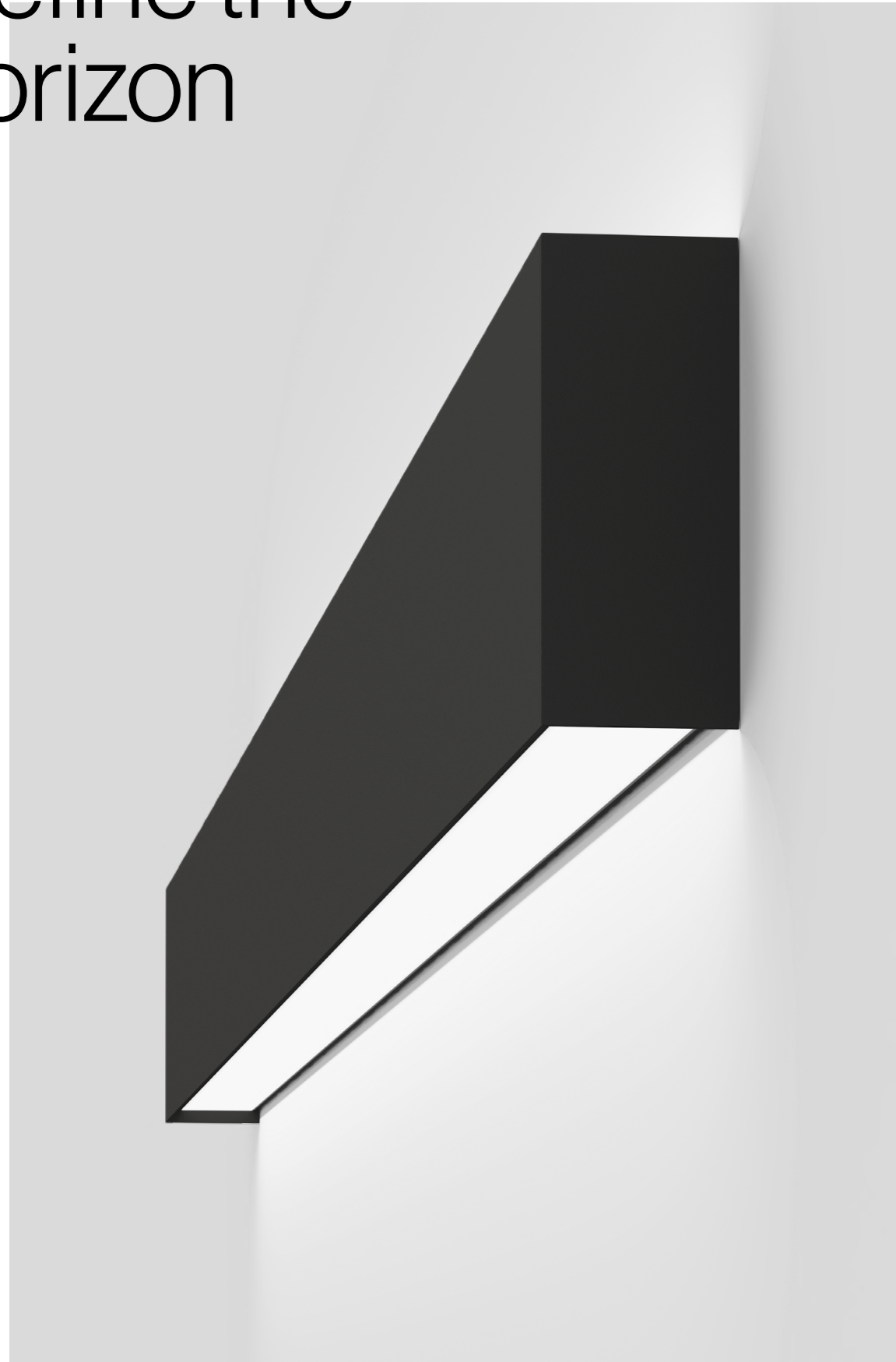
Lotus Bakeries Baar, CH –
lighting design by Lilarosso



Borealis AG Vienna, AT –
by burghardt zt gesmbh



Define the horizon

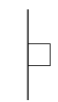


LINEA

EN Elegant room accentuation, highest performance. LINEA is a reduced, convertible luminaire for stylish wall, floor, and ceiling illumination. The extraordinarily narrow wall profile is completed by various lighting insets. Different beam patterns can be easily combined. For example, an opal cover for homogeneous illumination and asymmetrical illumination for brightening floors or ceilings. Spotlights can be chosen for elegant accentuation or as reading lights. LINEA is available as an individual decorative luminaire in different lengths. Choose between white, black, and special colours for the profile. The inserts optionally have a colour rendering of up to $\text{CRI} \geq 98$. In addition, the light inserts themselves can be selected in the light colours 2700K, 3000K, 4000K, or as a Tunable White option.

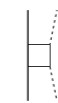
FR Accentuation élégante de l'espace, performances maximale : LINEA est un luminaire compact, mais adaptable pour un éclairage de toute beauté des murs, sols et plafonds. Le profilé mural extrêmement plat est complété par divers modules d'éclairage. Diverses caractéristiques de rayonnement peuvent être facilement combinées : un diffuseur opale pour un éclairage uniforme et l'éclairage asymétrique de sols ou plafonds par exemple. Un choix de spots est proposé pour une mise en valeur élégante ou comme liseuse. LINEA est disponible comme luminaire système décoratif dans différentes longueurs. Pour la couleur du profilé, vous avez le choix entre blanc, noir et couleurs spéciales. Les inserts sont disponibles au choix avec un indice de rendu de couleurs jusqu'à un $\text{IRC} \geq 98$. Les modules d'éclairage eux-mêmes sont proposés dans les températures de couleur 2700K, 3000K, 4000K ou, en option, comme Tunable White.

Mounting

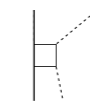


wall

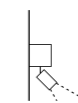
Light distributions



opal
opal

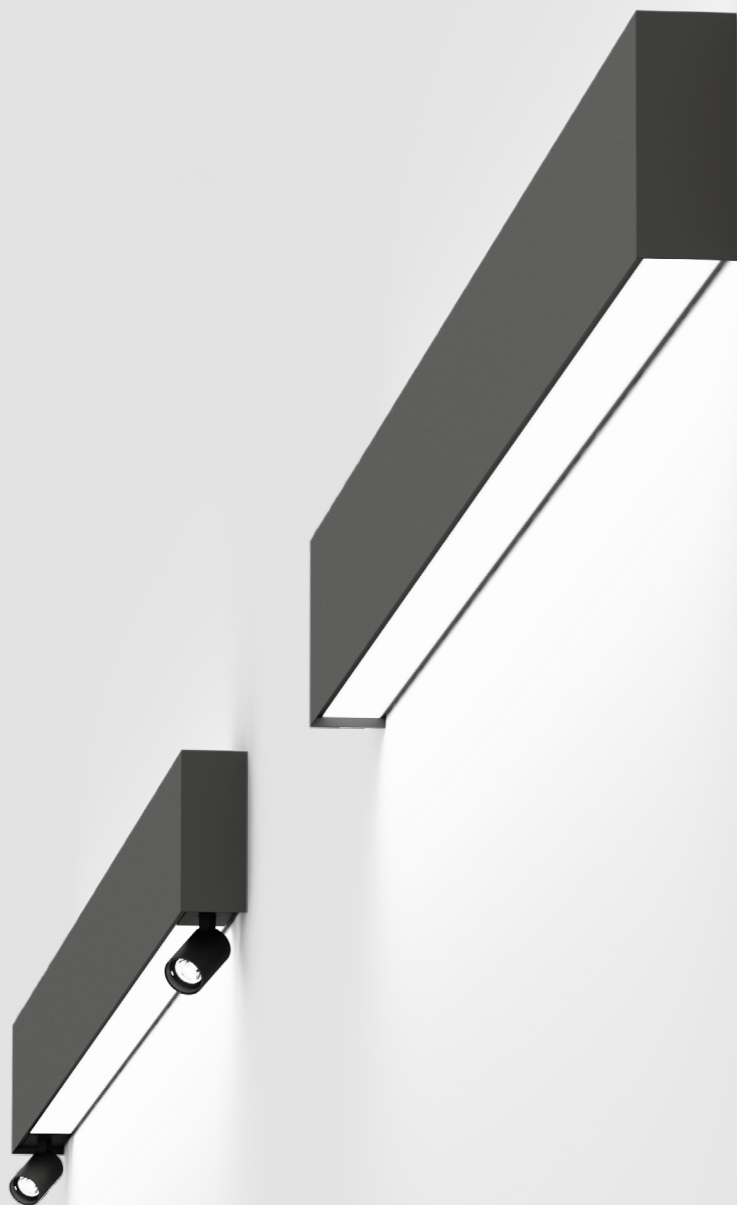


asymmetric
opal



spot

back



LINEA

wall

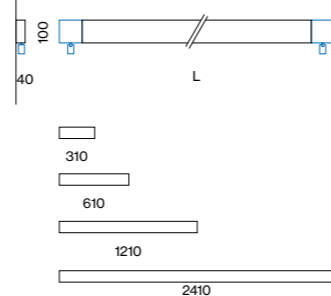
EN Luminaire housing and front cover from extruded aluminium profile, angular version; no visible screws; surface powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/indirect light distribution; HPO (High Performance Opal) cover for uniform illumination; or with specially computed, asymmetrical lens for homogeneous lighting intensity (installation optionally for floor or ceiling illumination); energy-efficient LEDs with very good colour rendering; optionally with switch for the JUST 26 spotlight modules

FR Corps de luminaire et cache avant en profil extrudé en aluminium, version à bords en arête; aucune vis visible; surface thermolaquée; convient à un montage mural; éclairage homogène du mur ou du plafond par une distribution de lumière uniforme directe/indirecte; cache HPO (High Performance Opal) pour éclairage homogène; ou avec lentille spécialement calculée et asym. pour des intensités lum. homogènes (montage au choix pour éclairage du sol ou du plafond); LED économes en énergie à restitution de couleur élevée; en option avec interrupteur pour les modules de spots JUST 26

Quickinfo

3000K, 4000K, TW
CRI ≥ 90, 3 SDCM
up to 117lm/W
L85 @ 50 000 h
non DIM, DALI-2

Types



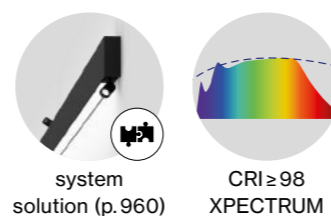
Colours



Light distributions



asym./ opal/ opal/
opal opal spot



Order options

COLOUR TEMPERATURE

3000K	5
4000K	6
tunable white 2700–5000K*	D

*available from L 610 mm | DALI-2 DT8

CONTROL

non DIM	1
non DIM/ switch (only spotlights)	2
DALI-2	3
DALI-2/ switch (only spotlights)	4

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

SPOTLIGHT ALIGNMENT

left	B
right	C
left and right	

spotlight(s) only with 3000K

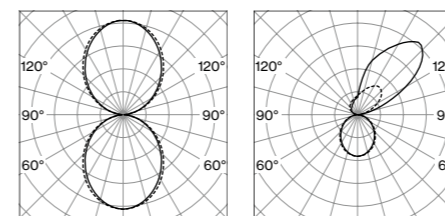
Options on request

COLOUR RENDERING INDEX
CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE
2700K

MATERIAL COLOUR
special colours

Light distributions

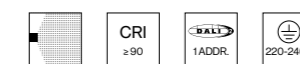


↓ opal high performance
↑ opal high performance

↓ opal high performance
↑ asymmetric

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover opal

LINEA wall



↓ OPAL HIGH PERFORMANCE / ↑ OPAL HIGH PERFORMANCE

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
14.7W	3000K	↓ 648/↑ 648lm	310	058-6171::↓↑AH
	4000K	↓ 715/↑ 715lm		
29.3W	3000K	↓ 1300/↑ 1300lm	610	058-6172::↓↑AH
	4000K	↓ 1430/↑ 1430lm		
59W	3000K	↓ 2590/↑ 2590lm	1210	058-6174::↓↑AH
	4000K	↓ 2860/↑ 2860lm		
111W	3000K	↓ 5190/↑ 5190lm	2410	058-6178::↓↑AH
	4000K	↓ 5720/↑ 5720lm		



↓ OPAL HIGH PERFORMANCE / ↑ ASYMMETRIC

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
14.7W	3000K	↓ 648/↑ 821lm	310	058-6171::↓↑AA
	4000K	↓ 715/↑ 906lm		
29.3W	3000K	↓ 1300/↑ 1640lm	610	058-6172::↓↑AA
	4000K	↓ 1430/↑ 1810lm		
59W	3000K	↓ 2590/↑ 3280lm	1210	058-6174::↓↑AA
	4000K	↓ 2860/↑ 3620lm		
111W	3000K	↓ 5190/↑ 6570lm	2410	058-6178::↓↑AA
	4000K	↓ 5720/↑ 7250lm		



↓↑ OPAL HIGH PERFORMANCE / 1 SPOTLIGHT

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
29.3W	3000K	↓ 1300/↑ 1300lm	710	058-6172::↓↑H
	4000K	↓ 1430/↑ 1430lm		
59W	3000K	↓ 2590/↑ 2590lm	1310	058-6174::↓↑H
	4000K	↓ 2860/↑ 2860lm		
111W	3000K	↓ 5190/↑ 5190lm	2510	058-6178::↓↑H
	4000K	↓ 5720/↑ 5720lm		



↓↑ OPAL HIGH PERFORMANCE / 2 SPOTLIGHTS

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
59W/2x6W	3000K	↓↑ 2590/3280lm	1410	058-6174::↓↑DH
	4000K	↓↑ 2860/3620lm		
111W/2x6W	3000K	↓↑ 5190/6570lm	2610	058-6178::↓↑DH
	4000K	↓↑ 5720/7250lm		



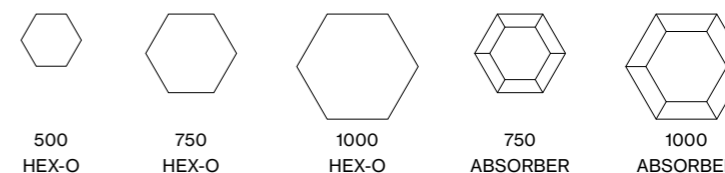
Shaping the office environment

HEX-O

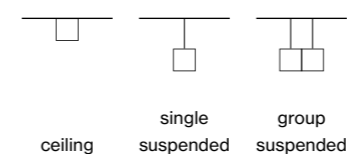
EN HEX-O is a sculptural light acoustics solution that features a modern design and fulfils two essential functions: lighting and room acoustics. State-of-the-art LED technology meets highly efficient acoustic elements to create an optimal working environment. The microprismatic cover provides glare-free light with $UGR \leq 19$. HEX-O with an opal cover creates a pleasant and homogeneous room illumination. The combinable polygonal acoustic elements made of 60% recycled PET fleece work through sound absorption and scattering for all-round balanced room acoustics.

FR HEX-O est une sculpturale solution lumière & acoustique, qui non content de séduire par la modernité de son design, remplit également deux fonctions essentielles: l'éclairage et l'acoustique. La technologie LED ultramoderne est combinée à des éléments acoustiques hautement performants pour créer un environnement de travail idéal. Le diffuseur microprismatique assure un éclairage non éblouissant avec un $UGR \leq 19$. Avec un diffuseur opale, HEX-O éclaire la pièce de manière particulièrement homogène. Les éléments acoustiques triangulaires et polygonaux combinables composés de 60% de PET recyclé non tissé agissent par absorption acoustique et diffusion uniforme à plusieurs niveaux pour une acoustique parfaitement équilibrée.

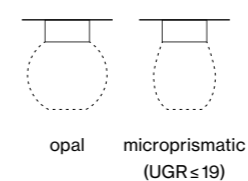
Types



Mountings



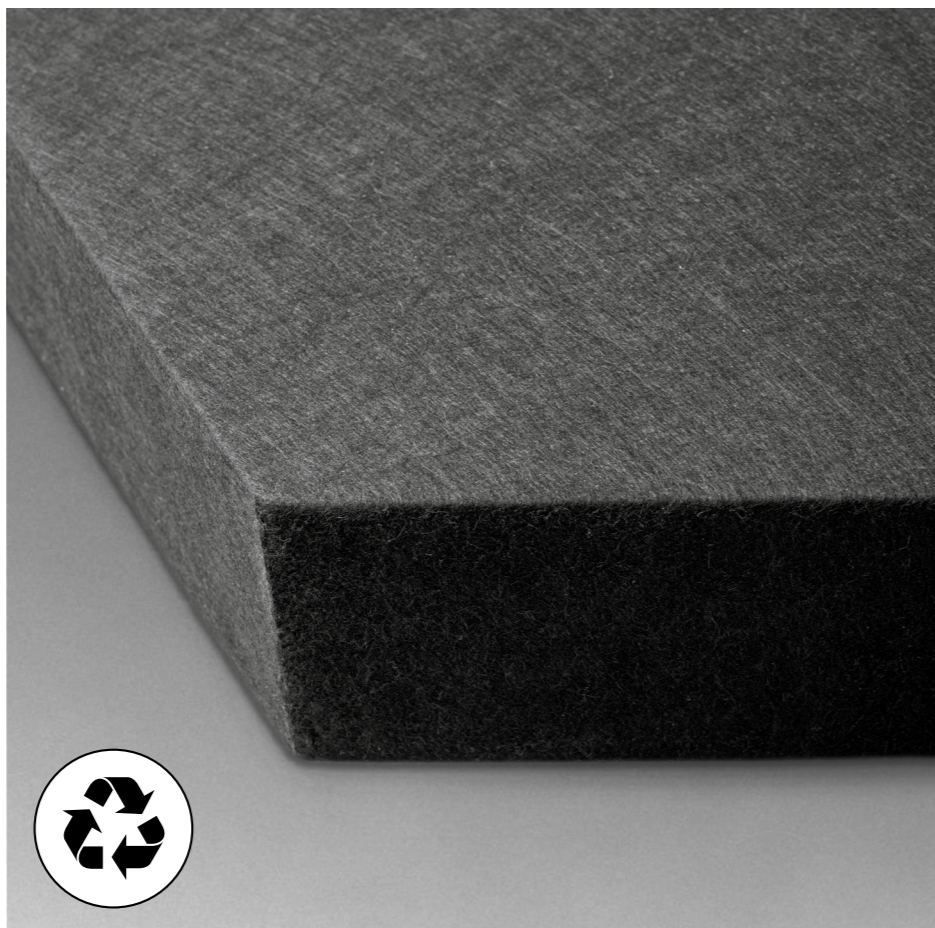
Light distributions



Recycled PET

EN HEX-O sound absorbers are made of optically high-quality PET fleece. The velvety, structured material is 60% recycled PET fleece and has optimal room-acoustic properties. A folding technique specially developed by XAL achieves completely smooth edges, which round off the acoustic bodies visually and in their acoustic efficiency.

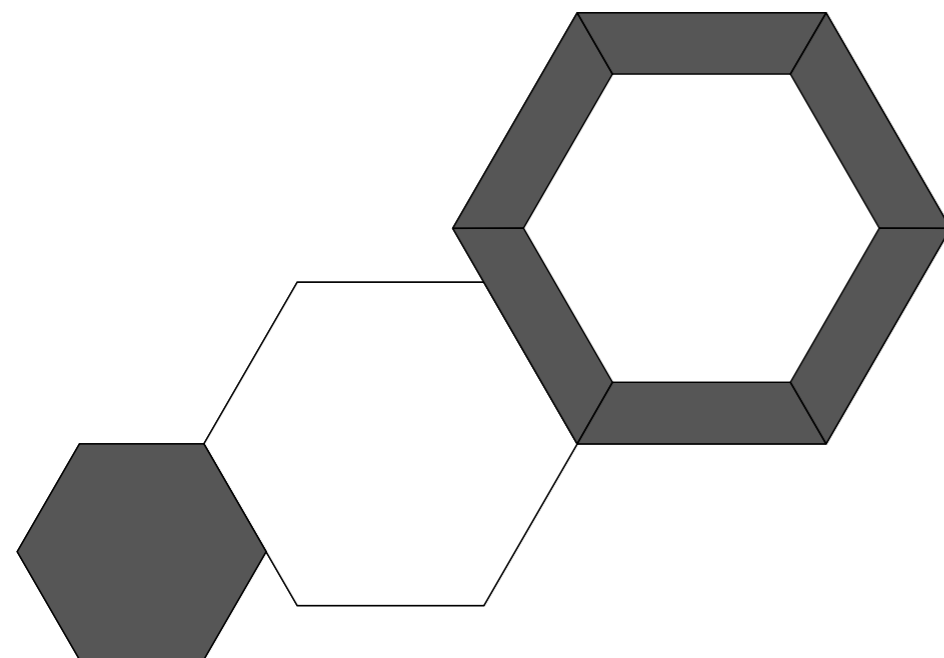
FR Les absorbeurs acoustiques HEX-O sont en non-tissé de PET de haute qualité optique. Le matériau structuré soyeux, composé à 60% de non-tissé PET recyclé, présente des propriétés acoustiques optimales. Une technique de pliage spécialement développée par XAL permet d'obtenir des bords complètement lisses qui complètent le corps acoustique sur le plan visuel et viennent parfaire son efficacité sonore.



Acoustic planning by XAL

EN Acoustic spatial planning calculates, measures, or simulates the behaviour of sound in a room. This planning includes, in particular, reverberation time and speech intelligibility. We create a bespoke concept from the results. Through close coordination with contracting planners and customers, we can achieve the optimum balance between light, ambience, and spatial acoustic conditions.

FR Lors de la planification acoustique de l'espace, nous calculons, mesurons ou simulons le comportement du son dans la salle, notamment le temps de réverbération et l'intelligibilité de la parole. À partir des résultats obtenus, nous créons un concept personnalisé. Grâce à une coordination étroite avec les planificateurs contractants et les clients, nous pouvons obtenir un équilibre optimal entre la lumière, l'ambiance et les conditions acoustiques de l'espace.



Sculpturing room acoustics

EN HEX-O effortlessly harmonises sound absorption and illumination. The flexible geometric elements can be arranged into decorative ceiling patterns and expanded at any time. The shape and surface of the three combinable acoustic components – Module, Flat, and Absorber – have multiple effects. The elements absorb higher, midlevel, and down to low frequencies, and scatter sound waves, resulting in noticeably balanced room acoustics.

FR HEX-O crée spontanément l'harmonie entre absorption acoustique et éclairage. Les éléments géométriques flexibles peuvent être disposés au plafond en figures décoratives qui peuvent être agrandies à tout moment. La forme et la surface des trois éléments acoustiques combinables – Module, Flat et Absorber – agissent de plusieurs façons : elles absorbent les fréquences élevées et moyennes jusqu'aux plus basses et diffusent le son, avec comme résultat une acoustique équilibrée et cela se ressent.

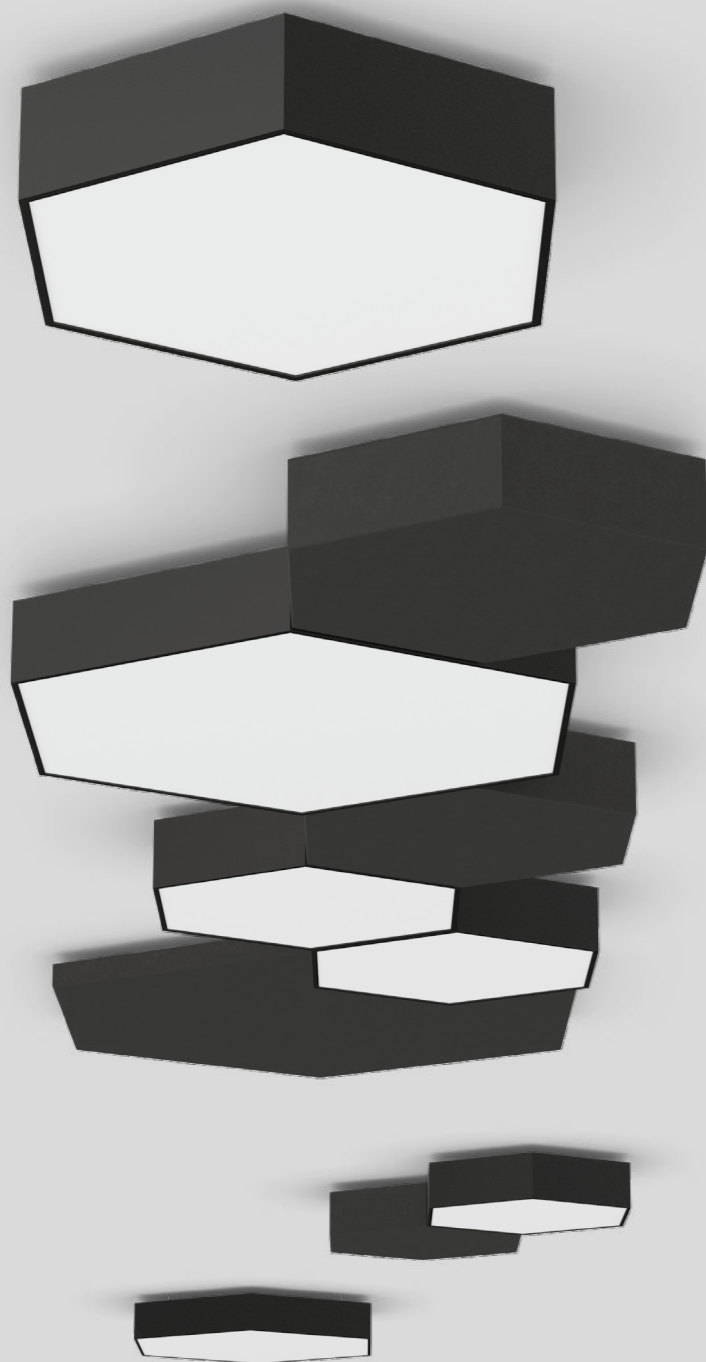


Light and sound for office

EN HEX-O was developed explicitly for office environments. Anti-glare prisms embossed into the cover create a uniform and glare-free light at the workplace. A striking design language combines standard-compliant office lighting and optimal room acoustics.

FR HEX-O a été spécifiquement développé pour les environnements de bureau. Les prismes anti-éblouissement gaufrés dans le diffuseur donnent une lumière uniforme et non éblouissante pour le poste de travail. Un éclairage de bureau conforme aux normes en vigueur et une acoustique optimale associés dans une esthétique des plus marquantes.

← back



HEX-O

ceiling

EN Hexagonal luminaires & acoustic elements, suitable for single or group installation; quick mounting system without tools; light housing from extruded aluminium profile, seamlessly welded; surface powder coated; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; plug-in terminals for through wiring; acoustic elements: MODULE in the luminaires' dimensions, FLAT with reduced height, ABSORBER to combine with other housings; acoustic element made of high-quality, recycled PET felt; improvement of room acoustics through absorption and scattering of sound waves

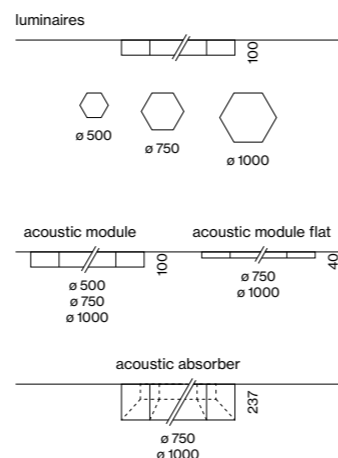
FR Luminaires & éléments acoustiques hexagonaux, adaptés pour montage individuel et groupé ; système de montage rapide, sans outil ; corps de luminaire en profilé extrudé en aluminium, soudé sans trace visible ; surface thermolaquée ; luminance identique pour toutes les variantes de taille ; LED économes en énergie à restitution de couleur élevée ; borne enfichable pour câblage traversant ; éléments acoustiques : MODULE dans les dimensions des luminaires, FLAT à hauteur réduite, ABSORBER pour combinaison avec d'autres corps et éléments ; éléments acoustiques en feutre PET recyclé, haute qualité ; amélioration de l'acoustique grâce à l'absorption et à la dispersion du son

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 142lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic (UGR ≤ 19)

acoustic elements
 up to absorption class A
 available as B-s1, d0

Types



Luminaire colours



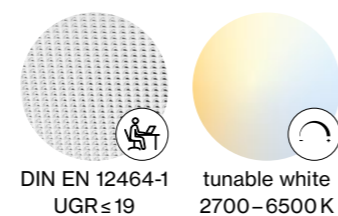
Acoustic colours



Light distribution



DiiA® standards
 251, 252, 253



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

LUMINAIRE COLOUR

<input type="radio"/> pure white RAL 9010	7
<input type="radio"/> jet black RAL 9005	8
<input type="radio"/> special colours p. 992	X

ACOUSTIC COLOUR

<input type="radio"/> white	W
<input type="radio"/> marble grey	D
<input type="radio"/> felt grey	G
<input type="radio"/> black	L
<input type="radio"/> special colours p. 992	X

LIGHT OPTIC COVER

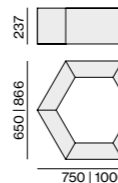
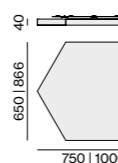
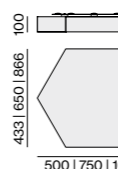
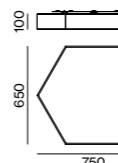
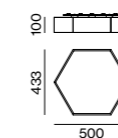
opal	O
microprismatic (UGR ≤ 19)	P

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700-6500K
 DALI-2 DT8



HEX-O 500 ceiling



SINGLE AND GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3W	3000K	2160lm	073-615113
	4000K	2290lm	

HEX-O 750 ceiling



SINGLE AND GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35W	3000K	4680lm	073-616113
	4000K	4960lm	

HEX-O 1000 ceiling



SINGLE AND GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68W	3000K	9110lm	073-617113
	4000K	9640lm	

Acoustic elements

HEX-O MODULE ceiling

SINGLE AND GROUP MOUNTING

TYPE	ORDER CODE
MODULE 500 ceiling	073-691510
MODULE 750 ceiling	073-691610
MODULE 1000 ceiling	073-691710

HEX-O MODULE FLAT ceiling

SINGLE AND GROUP MOUNTING

TYPE	ORDER CODE
MODULE FLAT 750 ceiling	073-691620
MODULE FLAT 1000 ceiling	073-691720

HEX-O ABSORBER

SINGLE AND GROUP MOUNTING

TYPE	ORDER CODE
ABSORBER 750*	073-691640
ABSORBER 1000**	073-691740

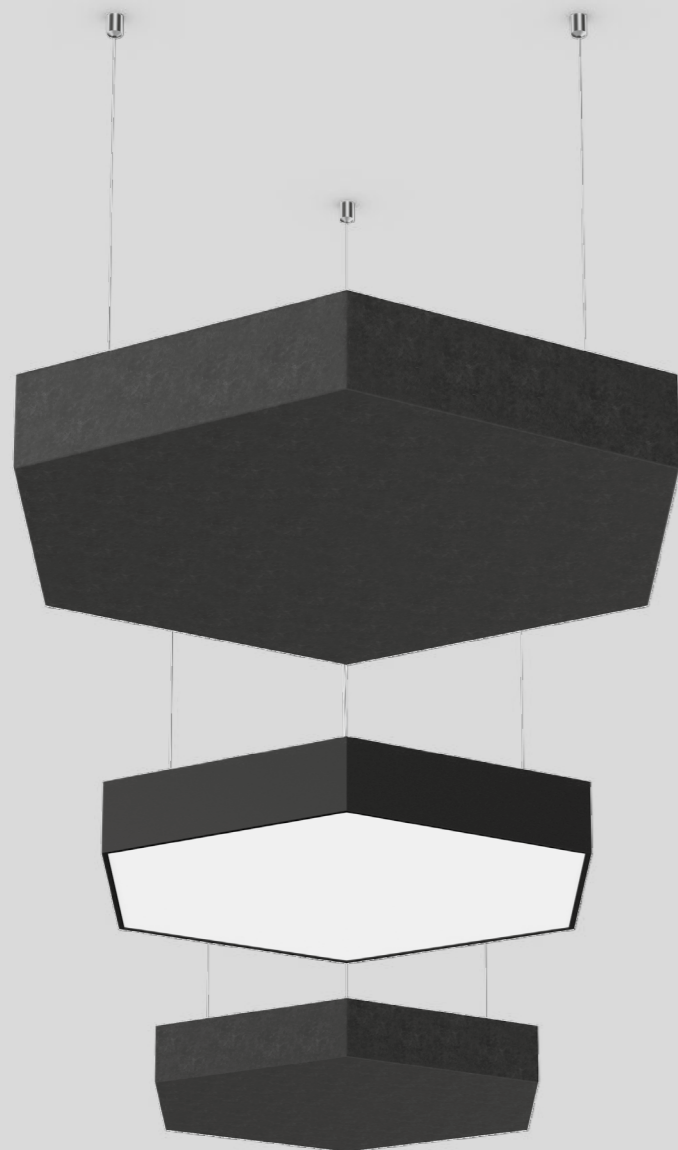
*only in combination with HEX-O 500 or MODULE 500

**only in combination with HEX-O 750, MODULE 750 or FLAT 750

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal



← back



HEX-O

suspended (single mounted)

EN Hexagonal luminaires & acoustic elements; suitable for single installation; pendant fitting with cable suspension (3 cables); height adjustment without tools; light housing from extruded aluminium profile, seamlessly welded; powder coated; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; transparent feed, canopy for through wiring (included); acoustic element made of high-quality, recycled PET felt: MODULE in the luminaires' dimensions, FLAT with reduced height, ABSORBER to combine with other housings; improvement of room acoustics (absorption & scattering of sound waves)

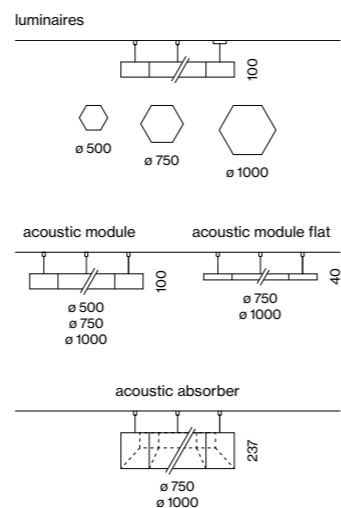
FR Luminaires & éléments acoustiques hexagonaux ; adaptés pour un montage unique ; suspension par câble (3 câbles) ; réglage en hauteur sans outil ; corps de luminaire en profilé extrudé en aluminium, soudé sans trace visible ; thermolaquée ; luminance identique pour toutes les variantes de taille ; LED économes en énergie à restitution de couleur élevée ; ligne d'alimentation transparente, cache-piton pour câblage continu (inclus) ; éléments acoustiques en feutre PET recyclé, haute qualité : MODULE aux dimensions des luminaires, FLAT de hauteur réduite, ABSORBER pour combinaison avec d'autres corps ; amélioration de l'acoustique (absorption & dispersion du son)

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 142lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic (UGR ≤ 19)

acoustic elements
 up to absorption class A
 available as B-s1, d0

Types



Luminaire colours



Acoustic colours



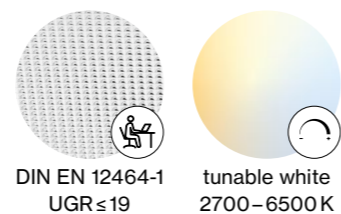
Light distribution



direct



DiiA® standards
 251, 252, 253



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
DALI-2	

LUMINAIRE COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8
● special colours* p. 992	X

*canopy in white or black

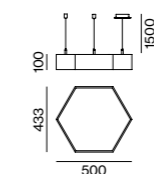
ACOUSTIC COLOUR	
○ white	W
● marble grey	D
● felt grey	G
● black	L
● special colours p. 992	X

LIGHT OPTIC COVER	
opal	O
microprismatic (UGR ≤ 19)	P

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	

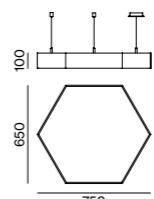
COLOUR TEMPERATURE	
tunable white 2700-6500 K	
DALI-2 DT8	



HEX-O 500 suspended



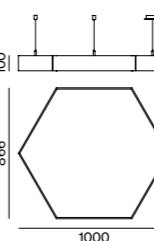
SINGLE MOUNTING			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3W	3000K	2160lm	073-625103
	4000K	2290lm	



HEX-O 750 suspended



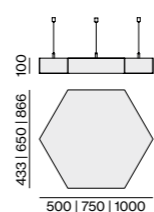
SINGLE MOUNTING			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35W	3000K	4680lm	073-626103
	4000K	4960lm	



HEX-O 1000 suspended



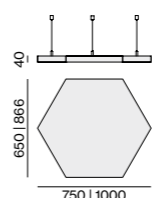
SINGLE MOUNTING			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68W	3000K	9110lm	073-627103
	4000K	9640lm	



Acoustic elements

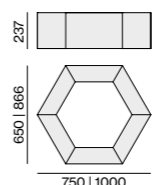
HEX-O MODULE suspended

SINGLE MOUNTING		ORDER CODE
TYPE		
MODULE 500 suspended		073-692510
MODULE 750 suspended		073-692610
MODULE 1000 suspended		073-692710



HEX-O MODULE FLAT suspended

SINGLE MOUNTING		ORDER CODE
TYPE		
MODULE FLAT 750 suspended		073-692620
MODULE FLAT 1000 suspended		073-692720



HEX-O ABSORBER

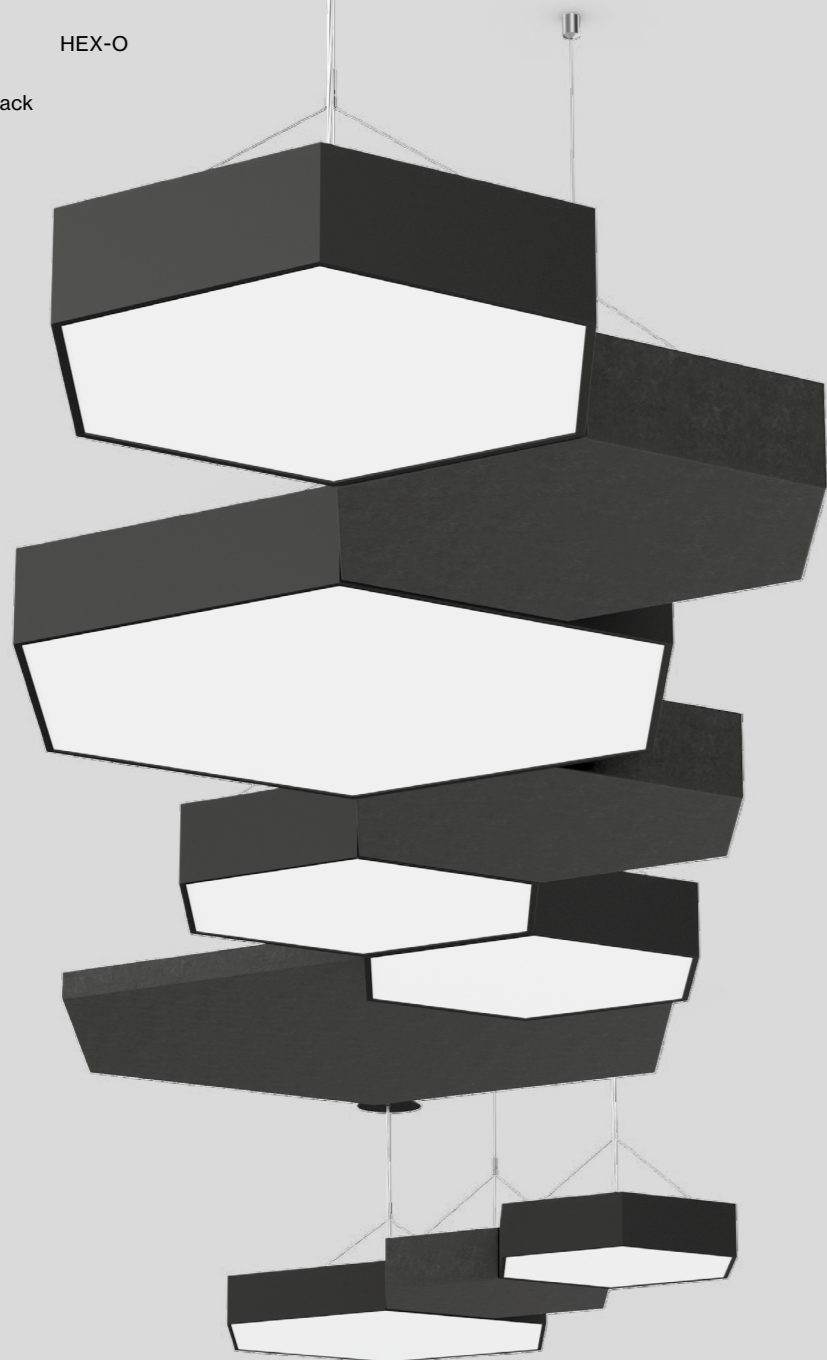
SINGLE MOUNTING		ORDER CODE
TYPE		
ABSORBER 750*		073-691640
ABSORBER 1000**		073-691740

*only in combination with HEX-O 500 or MODULE 500

**only in combination with HEX-O 750, MODULE 750 or FLAT 750

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal

← back



HEX-O

suspended (group mounted)

EN Hexagonal luminaires & acoustic elements; suitable for group installation; pendant fitting with cable suspension (1 cable); height adjustment without tools; rear rail for alignment; light housing from extruded aluminium profile, seamlessly welded; powder coated; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; transparent feed, canopy for through wiring (separately available); acoustic element made of high-quality, recycled PET felt: MODULE in the luminaires' dimensions, FLAT with reduced height, ABSORBER to combine with other housings; improvement of room acoustics (absorption & scattering of sound waves)

FR Luminaires & éléments acoustiques hexagonaux ; adaptés pour installation groupée ; suspension par câble (1 câble) ; réglage en hauteur sans outil ; rail arrière pour l'alignement ; corps de luminaire en profilé extrudé en aluminium, soudé sans trace visible ; thermo-laquée ; luminance identique pour toutes les variantes de taille ; LED économes en énergie à restitution de couleur élevée ; ligne d'alimentation transparente, cache-piton pour câblage continu (à commander séparément) ; éléments acoustiques en feutre PET recyclé, haute qualité ; MODULE aux dimensions des luminaires, FLAT de hauteur réduite, ABSORBER pour combinaison avec d'autres corps ; amélioration de l'acoustique (absorption & dispersion du son)

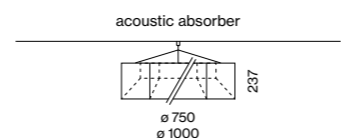
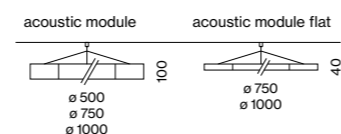
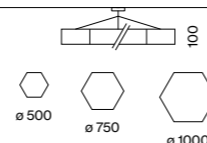
Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 142lm/W
L90 @ 50 000h
DALI-2
opal, microprismatic (UGR ≤ 19)

acoustic elements
up to absorption class A
available as B-s1, d0

Types

luminaires



Luminaire colours



Acoustic colours



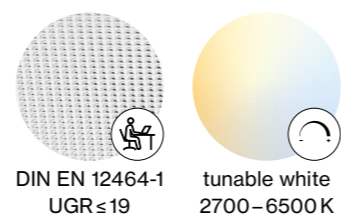
Light distribution



direct



DiiA® standards
251, 252, 253



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

LUMINAIRE COLOUR

<input type="radio"/> pure white RAL 9010	7
<input type="radio"/> jet black RAL 9005	8
<input type="radio"/> special colours* p. 992	X

*canopy in white or black;
not for power feeder

ACOUSTIC COLOUR

<input type="radio"/> white	W
<input type="radio"/> marble grey	D
<input type="radio"/> felt grey	G
<input type="radio"/> black	L
<input type="radio"/> special colours p. 992	X

LIGHT OPTIC COVER

<input type="radio"/> opal	O
<input type="radio"/> microprismatic (UGR ≤ 19)	P

Options on request

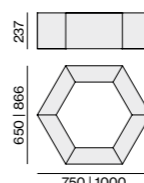
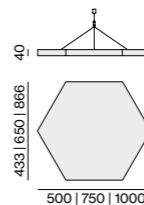
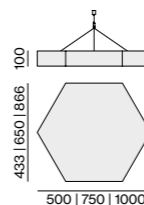
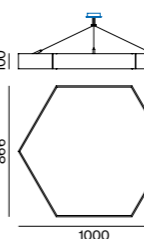
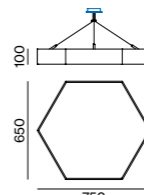
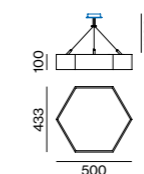
COLOUR RENDERING INDEX

CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700-6500K

DALI-2 DT8



HEX-O 500 suspended



GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3W	3000K	2160lm	073-63510
	4000K	2290lm	

HEX-O 750 suspended



GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35W	3000K	4680lm	073-63610
	4000K	4960lm	

HEX-O 1000 suspended



GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68W	3000K	9110lm	073-63710
	4000K	9640lm	

Electrical accessories

CANOPY

TYPE	L (mm)	ORDER CODE
canopy / feeder cable 5 × 1.5 mm ²	1500	005-223241

one per group needed; can be placed above luminaires or acoustic elements for electrical system configuration see luminaire data sheet at xal.com

Acoustic elements

HEX-O MODULE suspended

GROUP MOUNTING

TYPE	ORDER CODE
MODULE 500 suspended	073-693510
MODULE 750 suspended	073-693610
MODULE 1000 suspended	073-693710

HEX-O MODULE FLAT suspended

GROUP MOUNTING

TYPE	ORDER CODE
MODULE FLAT 750 suspended	073-693620
MODULE FLAT 1000 suspended	073-693720

HEX-O ABSORBER

GROUP MOUNTING

TYPE	ORDER CODE
ABSORBER 750*	073-691640
ABSORBER 1000**	073-691740

*only in combination with HEX-O 500 or MODULE 500

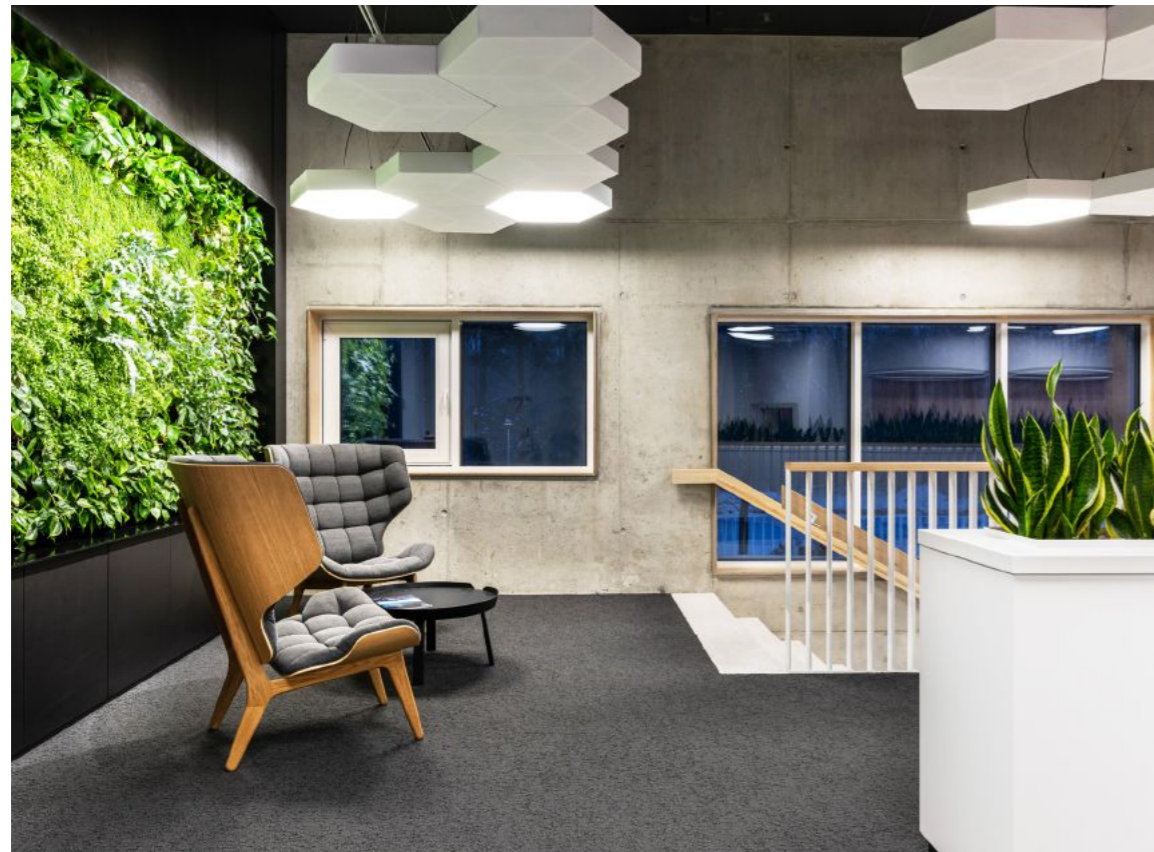
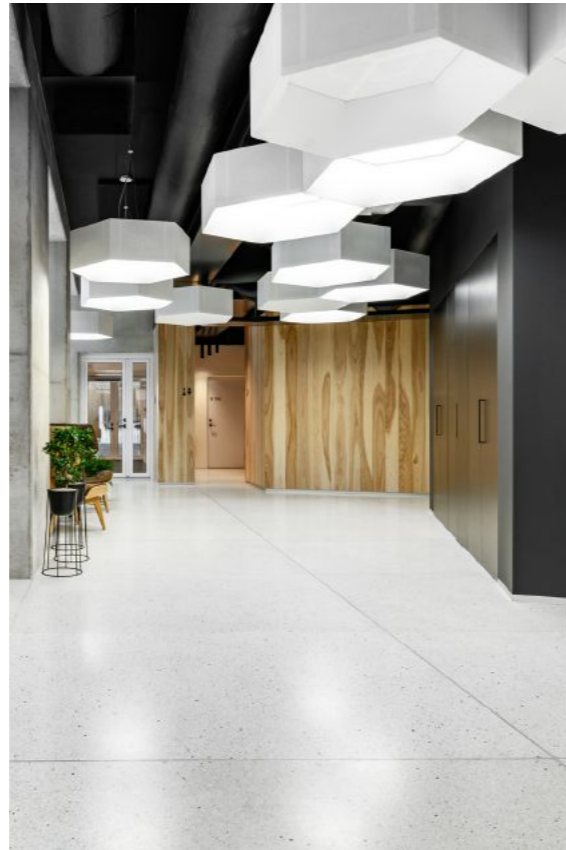
**only in combination with HEX-O 750, MODULE 750 or FLAT 750

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

OLX GROUP Poznań, PL –
by Trzop Architekci with
lighting design by Pluslighting



EANS Flight Control Centre
Harju Grafschaft, EE –
by KAMP Arhitektid



The sound of stress-free work

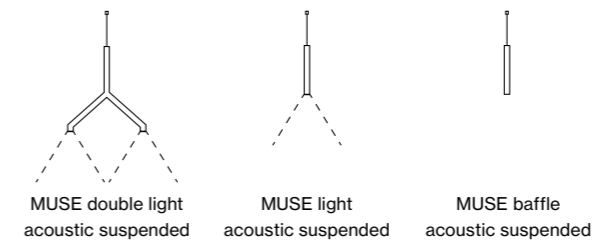


MUSE

EN We developed MUSE for holistic office lighting and acoustic concepts. All of the three-part product family's elements optimise room acoustics. The two luminous versions create standard-compliant, screen-friendly workplace lighting per $UGR \leq 19$ thanks to high-quality reflectors with faceted optics. Its characteristic design language, different colours, and the haptically appealing surface make MUSE a confident design element in the office.

FR Avec MUSE, nous avons développé un produit pour des concepts lumineux et acoustiques intégrés pour les bureaux. Tous les éléments de cette famille à cinq composants optimisent efficacement l'acoustique des salles ; les deux variantes d'éclairage créent de surcroît, grâce à des réflecteurs de haute qualité avec une optique à facettes, un éclairage du lieu de travail à écran conforme aux normes en vigueur et à l' $UGR \leq 19$. Par son esthétique caractéristique, ses différentes couleurs et sa surface attrayante sur le plan tactile, MUSE est également un élément affirmé de design dans des bureaux.

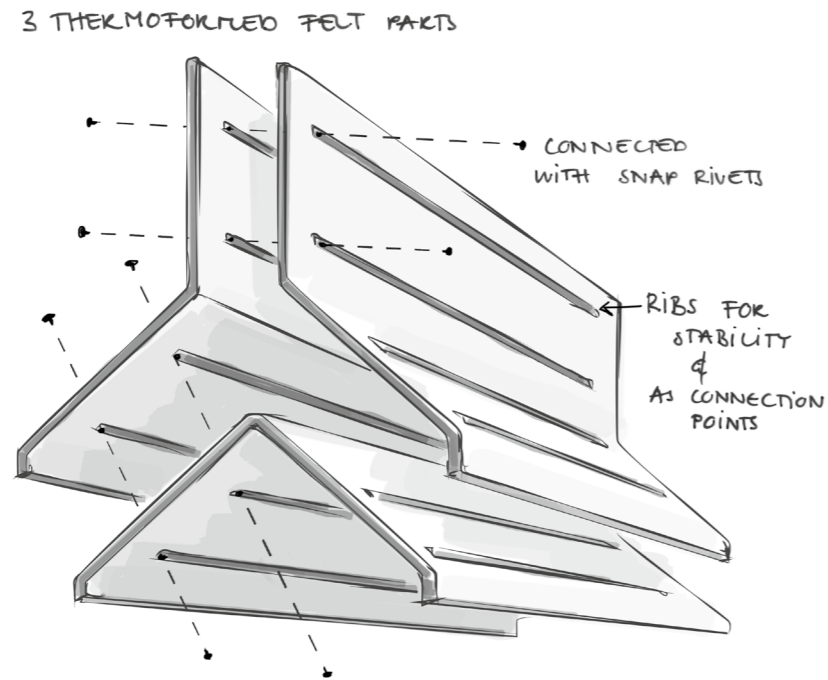
Types



Light and sound for offices

EN Light and acoustics are the most critical factors influencing well-being at work. A quiet working environment boosts concentration and enhances the enjoyment of work and productivity. That is why XAL developed the three-part MUSE system in response to the most significant challenges of modern office environments.

FR L'éclairage et l'acoustique sont les principaux facteurs qui influent sur le bien-être au travail : un environnement de travail calme augmente la concentration ainsi que le plaisir de travailler et la productivité. C'est pourquoi XAL a développé le système XAL MUSE en cinq éléments, afin de répondre aux principaux défis des environnements modernes de bureaux.

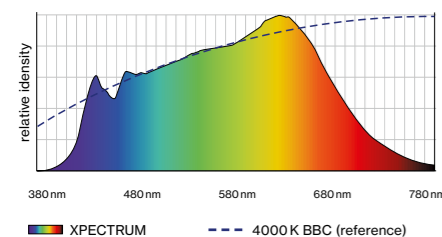


Full-spectrum LED

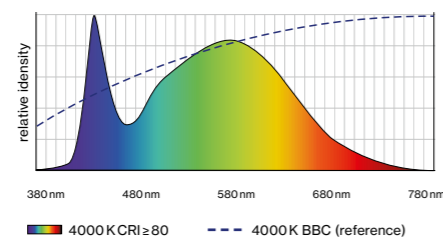
EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases sleep quality. The excellent colour rendering of IES TM 30-15 $R_f=98$ and $R_g=101$ further helps visual comfort.

FR La nouvelle LED XPECTRUM de XAL fournit une lumière saine et adaptée au rythme circadien. La réduction de la lumière bleue ainsi que l'augmentation des valeurs cyan réduisent le risque que représente pour l'œil la lumière bleue, retrouvant un niveau similaire à celui de la lumière du jour. Il en résulte un effet d'éclairage non visuel, dit mélanopique, qui favorise la concentration et améliore la qualité du sommeil. L'excellent rendu des couleurs de l'IES TM 30-15 $R_f=98$ et $R_g=101$ constitue un autre atout pour le confort visuel.

XPECTRUM LED



Commercially available LED 4000K



Second life for PET bottles

EN The MUSE acoustic elements' felt-like material is made of 50% recycled PET. Pressed precisely into shape, it combines three advantages. It is inherently stable, acoustically highly effective, and has a visually and haptically inspiring surface. This is how MUSE creates a pleasant atmosphere while taking its environmental responsibility seriously.

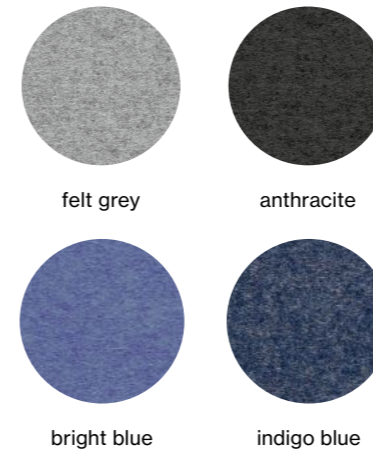
FR Le matériau fibreux des éléments acoustiques MUSE est composé à 50 % de PET recyclé. Pressé en forme avec précision, il combine trois avantages: il est intrinsèquement stable, hautement efficace sur le plan acoustique et présente une surface intéressante sur le plan visuel tout comme sur le plan tactile. Ainsi, MUSE crée une atmosphère agréable allée à une grande responsabilité environnementale.



Colour variety

EN What kind of office should be equipped with MUSE? With two neutral shades and two accent colours, MUSE can be integrated into any furnishing concept whether classically understated or hip and unconventional.

FR Quel genre de bureau doit être équipé de MUSE? Qu'il soit classique et discret ou hip et non conventionnel : avec deux teintes neutres et un accent coloré, MUSE s'intègre dans tout concept d'agencement.



Screen-work friendly

EN MUSE has been optimised for computer workstations. Thanks to glare-free reflectors, the luminaires achieve a $UGR \leq 19$ value, creating a pleasantly bright working environment without glare.

FR MUSE a été spécialement optimisé pour le poste de travail à écran. Grâce à des réflecteurs anti-éblouissement, ces luminaires atteignent une valeur $UGR \leq 19$: il en résulte un environnement de travail agréablement clair et sans éblouissement.



Acoustic planning by XAL

EN Acoustic spatial planning calculates, measures, or simulates the behaviour of sound in a room. This planning includes, in particular, reverberation time and speech intelligibility. We create a bespoke concept from the results. Through close coordination with contracting planners and customers, we can achieve the optimum balance between light, ambience, and spatial acoustic conditions.

FR Lors de la planification acoustique de l'espace, nous calculons, mesurons ou simulons le comportement du son dans la salle, notamment le temps de réverbération et l'intelligibilité de la parole. À partir des résultats obtenus, nous créons un concept personnalisé. Grâce à une coordination étroite avec les planificateurs contractants et les clients, nous pouvons obtenir un équilibre optimal entre la lumière, l'ambiance et les conditions acoustiques de l'espace.

back



MUSE double light

acoustic suspended

EN Luminaire body made of high-quality, self-supporting, recycled PET felt with sound absorbing properties; high-quality visual and tactile surface; constructed of 2 shells to form cavities that improve acoustic performance; large sound absorbing surface; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; optimised for the illumination of 2 office workstations opposite each other; incl. transparent feed; light inset made from extruded profile for improved thermal management; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

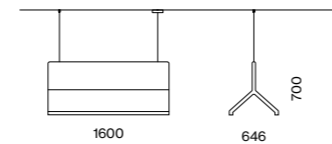
FR Corps de luminaire en feutre PET recyclé, autoportant, haute qualité, doué de propriétés insonorisantes ; surface aux grandes qualités visuelles et tactiles ; se compose de 2 coques, formant des cavités qui améliorent les performances acoustiques ; vaste surface aux propriétés d'absorption acoustique ; suspension par câble ; réglage en hauteur sans outil au luminaire ; optimise l'éclairage de 2 postes de travail en vis-à-vis au bureau ; incl. conduit d'alimentation transparent ; insert lumineux en profil extrudé pour une meilleure gestion de la température ; réflecteur ultra-brillant avec optique à facettes ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 1500 cd/m²
up to 108lm/W
L90 @ 50 000h
DALI-2
reflector (UGR ≤ 19)

PET felt
 from recycled material
up to absorber class A

Type



Colours



Light distribution



direct

canopy always in white
other colours on request

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

<input checked="" type="checkbox"/> anthracite	B
<input type="checkbox"/> felt grey	G
<input type="checkbox"/> bright blue	P
<input type="checkbox"/> indigo blue	E

canopy always in white
other colours on request

LIGHT INSET COLOUR

grey cover / chrome reflector

Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM

CONTROL

brightness & presence sensor

LIGHT INSET COLOUR

black cover / black reflector

white cover / chrome reflector

black cover / chrome reflector



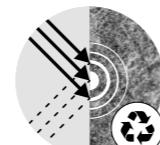
DiiA® standards
251, 252, 253



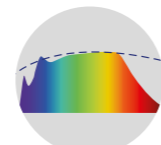
DIN EN 12464-1
UGR ≤ 19



suitable for double
workstation

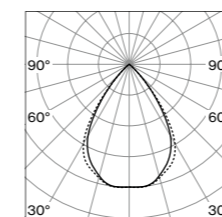


sound absorption
by recycled PET



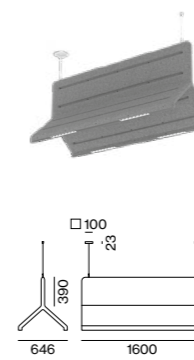
CRI ≥ 98
XPECTRUM

Light distribution



chrome reflector
direct

LUMINOUS FLUX value calculated for
CRI ≥ 80, cover grey, reflector chrome



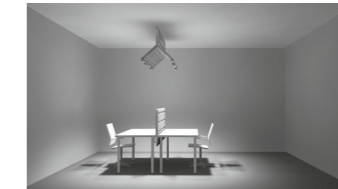
MUSE DOUBLE LIGHT suspended



ACOUSTIC LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
41W	3000K	4160lm	1600	0 9 1 - 1 2 2 1 :: 3 ▣ F
	4000K	4400lm		

Lighting calculation



MUSE DOUBLE LIGHT

41W direct, 4000K, chrome reflector

ROOM VALUES

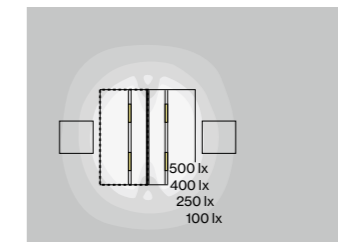
Room dimensions	5.4 × 4 × 3 m
Room volume	64.8m ³
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.23 m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6

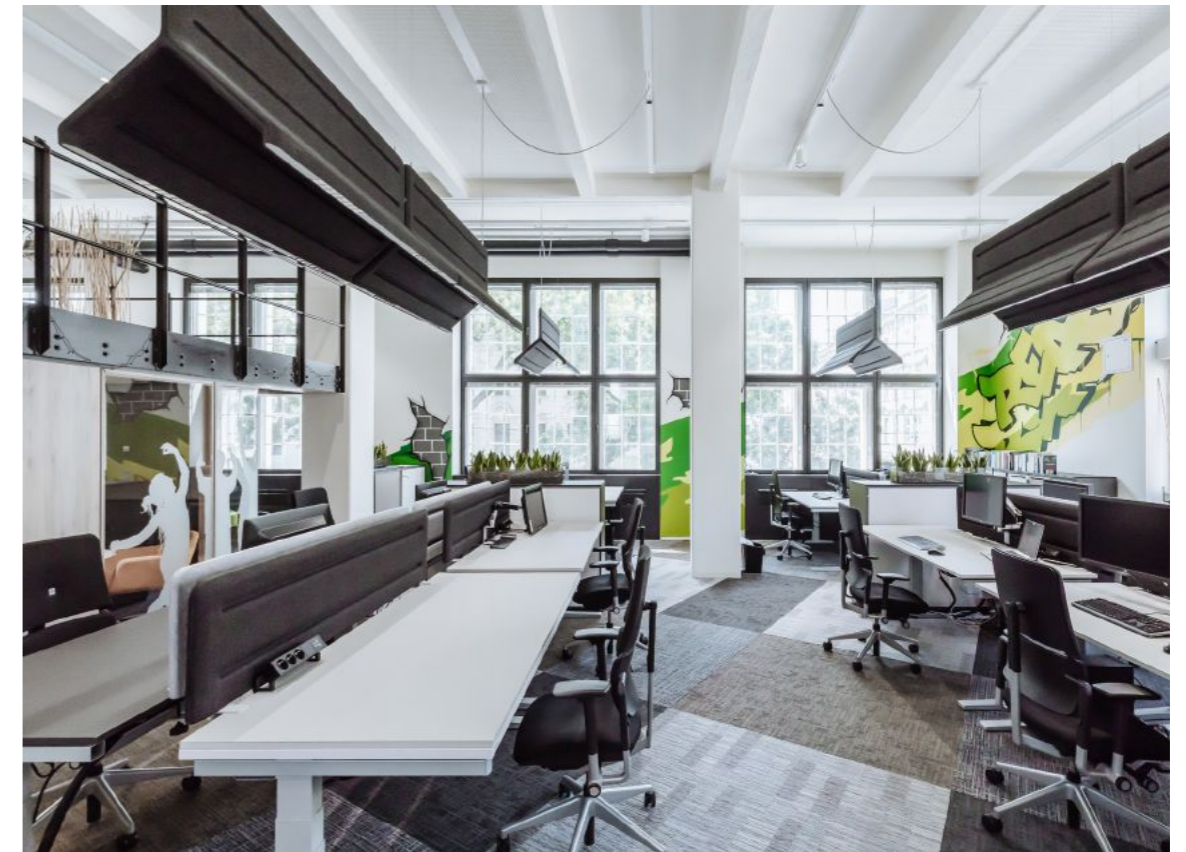
GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
≥ 65° ≤ 1500 cd/m ²	





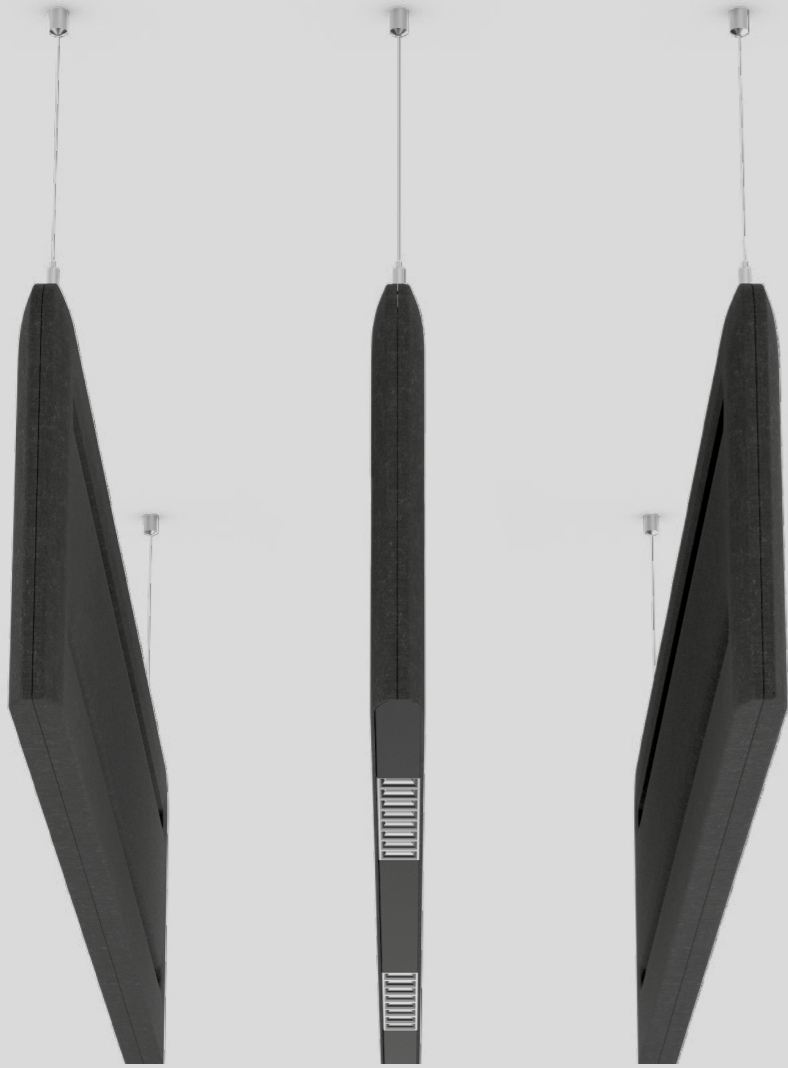
Inter-pool Immobilien Vienna, AT –
by Inter-pool Immobilien GmbH /
Architekt DI Stephan Kopinits includ-
ing lighting design



Vogel Corporate Solutions GmbH
Würzburg, DE – by Dipl. Ing. FH
Katharina Maatz/ designfunktion
Aschaffenburg GmbH



← back



reddot award 2019 winner

MUSE light/baffle

acoustic suspended

EN Luminaire body or acoustic element made of high-quality, self-supporting, recycled PET felt with sound absorbing properties; high-quality visual and tactile surface; constructed of 2 shells to form cavities that improve acoustic performance; large sound absorbing surface; pendant fitting with cable suspension; tool-less suspension height adjustment of the luminaire or of the acoustic element; MUSE LIGHT: optimised for the illumination of office workstations; incl. transparent feed; light inset made from extruded profile for improved thermal management; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

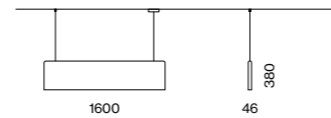
FR Corps de luminaire ou élément acoustique en feutre PET recyclé, autoportant, haute qualité, doué de propriétés insonorisantes ; surface aux grandes qualités visuelles et tactiles ; se compose de 2 coques, formant des cavités qui améliorent les performances acoustiques ; vaste surface aux propriétés d'absorption acoustique ; suspension par câble ; réglage de la hauteur sans outil sur le luminaire ou sur l'élément acoustique ; MUSE LIGHT : optimise l'éclairage des postes de travail au bureau ; incl. conduit d'alimentation transparent ; insert lumineux en profil extrudé pour une meilleure gestion de la température ; réflecteur ultra-brillant avec optique à facettes ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 up to 109lm/W
 L90 @ 50 000h
 DALI-2
 reflector (UGR ≤ 19)

PET felt
 ♻️ from recycled material
 up to absorber class A

Type



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

● anthracite	B
● felt grey	G
● bright blue	P
● indigo blue	E

canopy always in white
 other colours on request

LIGHT INSET COLOUR

grey cover / chrome reflector

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 98 XPECTRUM

CONTROL

brightness & presence sensor

LIGHT INSET COLOUR

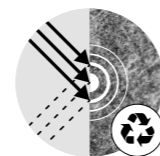
black cover / black reflector
 white cover / chrome reflector
 black cover / chrome reflector



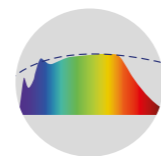
DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19

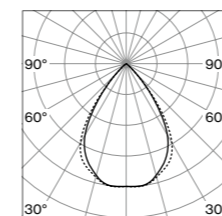


sound absorption
 by recycled PET



CRI ≥ 98
 XPECTRUM

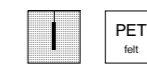
Light distribution



chrome reflector
 direct

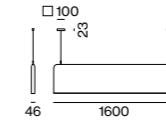
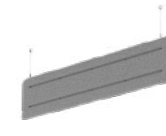
LUMINOUS FLUX value calculated for
 CRI ≥ 80, cover grey, reflector chrome

MUSE BAFFLE suspended

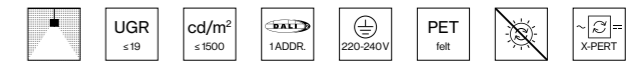


ACOUSTIC BAFFLE

L (mm) 1600 ORDER CODE 091-101111

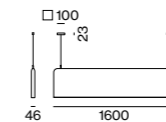
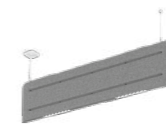


MUSE LIGHT suspended



ACOUSTIC LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20W	3000K 4000K	2080lm 2200lm	1600	091-121111



Lighting calculation



MUSE LIGHT
 20W direct, 4000K, chrome reflector
 + MUSE BAFFLE (every 2nd)

ROOM VALUES

Room dimensions	9 × 5 × 3 m
Room volume	135 m³
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.23 m

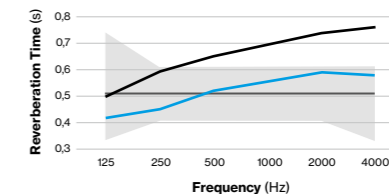
CALCULATION SURFACE

Surface dimensions	8 × 4
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx

GLARE EVALUATION

Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19
 ≥ 65° ≤ 1500 cd/m²

Acoustic calculation



ACOUSTIC PARAMETERS

Target Reverberation Time	0.51s*
RT without MUSE	0.66s
RT with MUSE	0.52s

*according to DIN 18041, room category A3 (education/communication)

MATERIALS

Walls	Hardboard
Ceiling	Gypsum Board
Floor	Hardwood

Art-Invest Berlin, DE –
by LEPEL & LEPEL Architekt

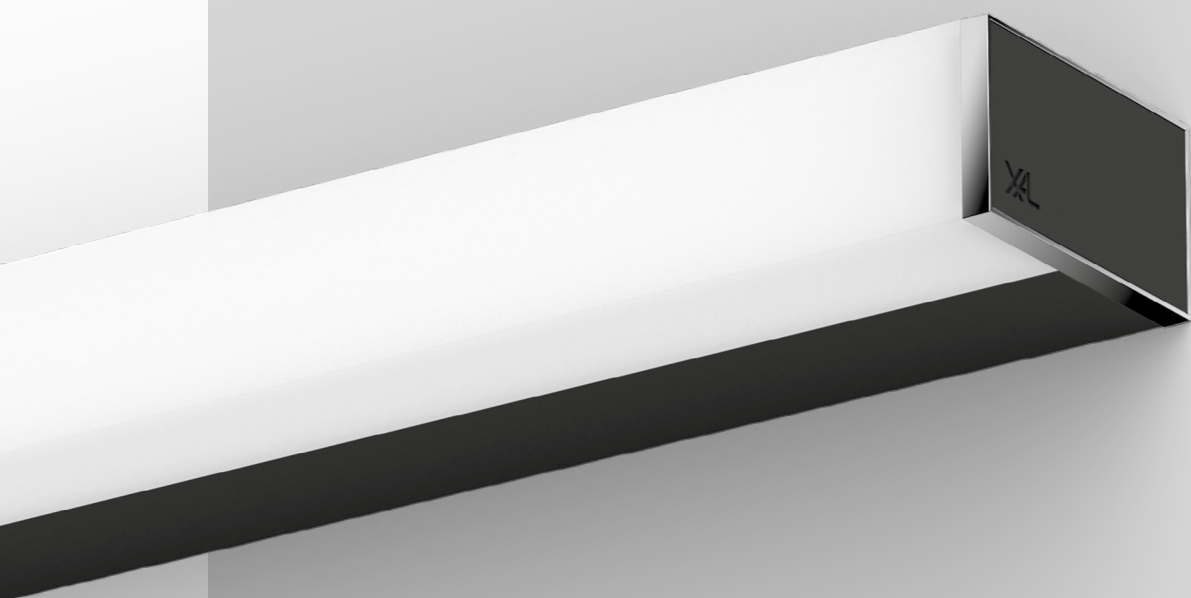




XAL Office
Vienna, AT



For the right kind of reflection

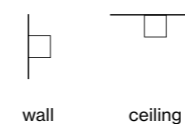


STRETTA

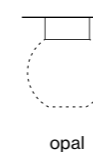
EN Whether in the bathroom or in the fitting room, STRETTA is a fantastic exclusive mirror luminaire. Thanks to its excellent colour rendering of $CRI \geq 90$, it is used wherever colours, shapes, and designs are to be shown in their best and authentic light. STRETTA emits light on three sides and has been equipped with an opal cover to guarantee particularly homogeneous wall illumination. The IP44 protection class ensures safe use in wet rooms.

FR Que ce soit dans une salle de bain ou dans une cabine d'essayage : STRETTA séduit comme luminaire miroir exclusif. Grâce à son bon rendu des couleurs avec un $CRI \geq 90$, on l'utilise partout où les couleurs, les formes et les designs doivent être mis en valeur dans toute leur authenticité. Pour un éclairage particulièrement homogène des parois, STRETTA dispose d'une émission de lumière sur trois côtés et a été équipé d'un diffuseur opale. L'indice de protection IP44 garantit une utilisation en toute sécurité dans les espaces humides.

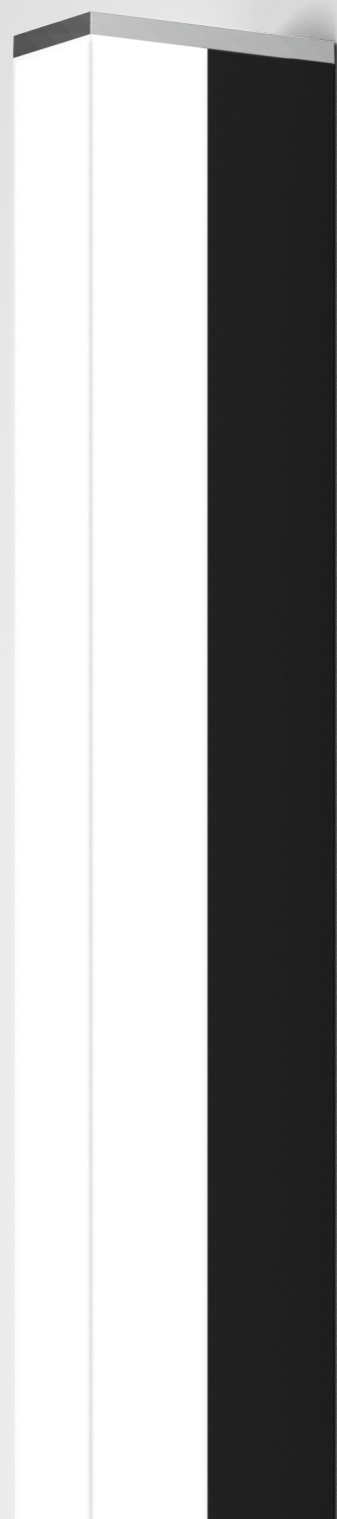
Mountings



Light distribution



back



STRETTA

surface

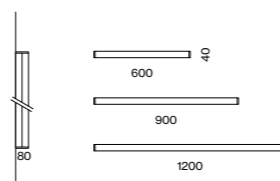
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile can be pre-mounted; end cap galvanically chromed or in same colour as housing (chromed border); suitable for wall or ceiling mounting; with three sided light beam; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en profil extrudé en alu, version arête ; aucune vis visible ; surface thermolaquée ; profilé de luminaire pouvant être monté à l'avance ; capuchon avec finition chromée galvanisée ou thermolaquage dans la teinte du luminaire (embouts de finitions chromées) ; convient au montage mur ou plafond ; avec diffusion de lumière trois côtés ; cache HPO (High Performance Opal) pour éclairage homogène ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 112lm/W
L80 @ 50 000h
non DIM, DALI-2
opal cover
IP 44

Types



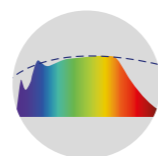
Luminaire colours



End caps colours



Light distribution

direct
3-sidedwall
illuminationsplash water
protection (IP 44)CRI ≥ 98
XPECTRUM

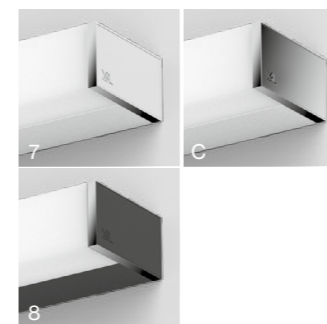
Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ pure white RAL 9010*	7
○ pure white / ◊ chrome**	C
● jet black RAL 9005*	8

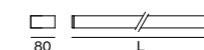
*end caps in housing colour with chromed boarder
**end caps completely in chrome



LIGHT OPTIC COVER
opal high performance

Options on request

COLOUR RENDERING INDEX
CRI ≥ 98 XPECTRUM



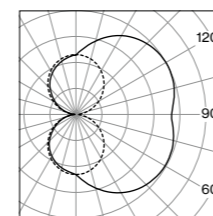
STRETTA surface



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13W	3000K	1370lm	600	057-0132::◆H
	4000K	1460lm		
19.5W	3000K	2050lm	900	057-0133::◆H
	4000K	2190lm		
26.1W	3000K	2740lm	1200	057-0134::◆H
	4000K	2920lm		

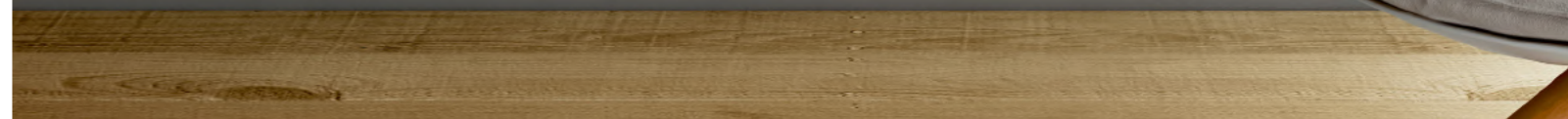
Light distribution



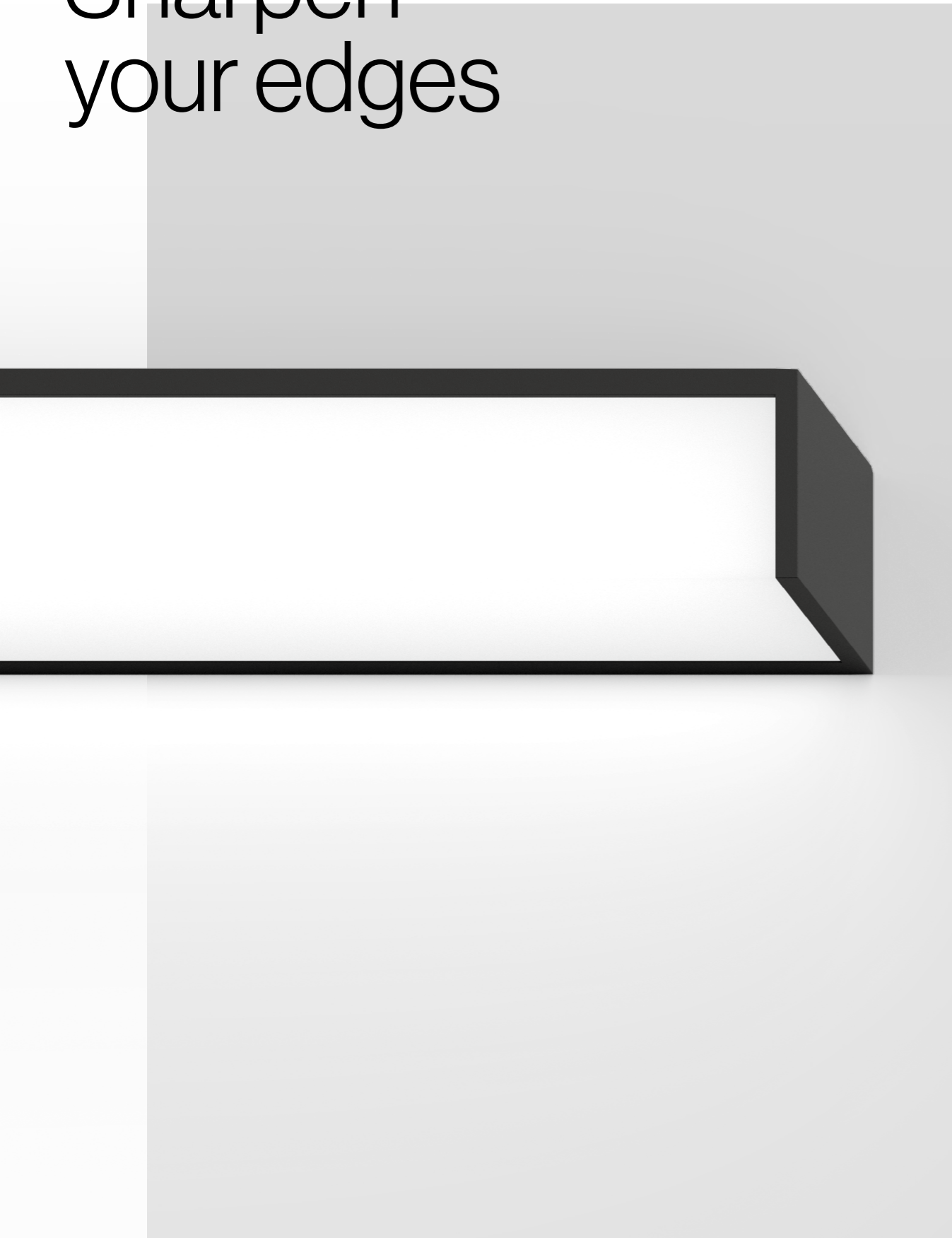
opal high performance

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover opal

Private Residence
Visualisation



Sharpen your edges

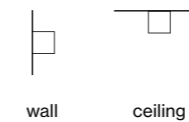


CORNER

EN The best wall light is right around the CORNER. It is preferred for ceiling edges or wall corners and is mainly used in staircases, reception halls, or corridors. Wall and ceiling are equally well illuminated by the CORNER single luminaire thanks to the light insert with opal cover. The bidirectional beam pattern delivers ambient lighting. CORNER is available in the light colours 3000 K or Tunable White and two different power levels. CORNER comes in different lengths and in white, grey, and black.

FR CORNER est tout simplement le meilleur luminaire mural, il va vous en boucher un coin ! Il fait des merveilles sur les arêtes de plafond ou les angles de murs, notamment dans les cages d'escalier, les halls d'accueil ou les couloirs. Le module d'éclairage avec diffuseur opale du luminaire CORNER permet de bien éclairer murs et plafonds de manière uniforme. Le rayonnement bilatéral se traduit par un éclairage de base homogène. CORNER est proposé dans la température de couleur 3000 K ou Tunable White avec deux niveaux de puissance distincts. CORNER est disponible dans différentes longueurs et dans les couleurs blanc, gris et noir.

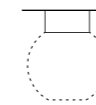
Mountings



wall

ceiling

Light distribution



opal

← back

CORNER

surface

EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; suitable for wall or ceiling mounting; with double-sided light beam; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

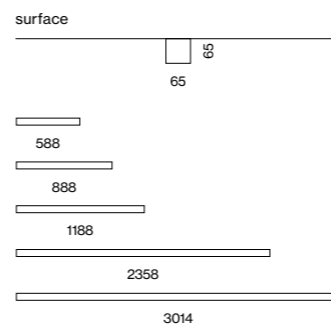
FR Corps de luminaire en profil extrudé en alu, version arête ; aucune vis visible ; surface thermolaquée ; Profilé de luminaire pour montage livrable avant ; convient au montage mur ou plafond ; avec diffusion de lumière par 2 côtés ; cache HPO (High Performance Opal) pour éclairage homogène ; LED économes en énergie à restitution de couleur élevée



Quickinfo

3000K
CRI ≥ 80, 3 SDCM
up to 131lm/W
L90 @ 50 000h
non DIM
opal

Types



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE

3000K

CONTROL

non DIM

MATERIAL COLOUR

- pure white RAL 9010 7
- white aluminium RAL 9006 G
- jet black RAL 9005 8

LIGHT OPTIC COVER

opal high performance

Options on request

SYSTEM SOLUTION

installation channel, etc.

COLOUR TEMPERATURE

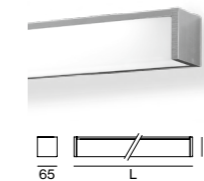
4000K

tunable white 2700–6500 K*

*DALI-2 DT8

CONTROL

DALI-2



CORNER surface



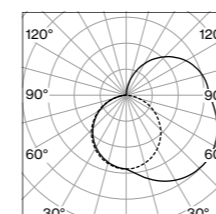
MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1810lm	588	040-895251
20.7W	3000K	2720lm	888	040-895351
27.6W	3000K	3620lm	1188	040-895451
55W	3000K	7250lm	2358	040-895851
81W	3000K	9830lm	3014	040-895951

HIGH LUMEN

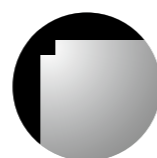
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20.2W	3000K	2460lm	588	040-896251
30W	3000K	3690lm	888	040-896351
40W	3000K	4910lm	1188	040-896451
71W	3000K	9340lm	2358	040-896851
98W	3000K	12700lm	3014	040-896951

Light distribution

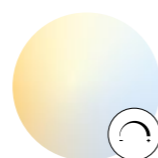


asymmetric

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal



wall/ceiling
illumination



tunable white
2700–5000K

Office Stadsbader
Harelbeke, BE



Getting well with light



RECOVER

EN The next generation of contemporary healthcare lighting, RECOVER has been developed to simulate a natural light pattern. This is achieved by the dynamically changing colour temperature. It varies from activating morning light to a sleep-promoting evening glow. The luminaire supports the natural regeneration of the patient by supporting the human biorhythm. The 4-in-1 system includes ambient light, a reading light, a nurse's night light, and an examination light with a high CRI value that displays amorphous three-dimensional surfaces, such as the skin, correctly. RECOVER is designed to be particularly user-friendly. Lighting programmes can be quickly and flexibly adapted.

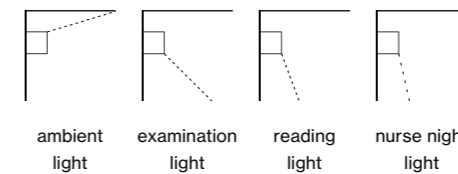
FR C'est la prochaine génération d'éclairage contemporain dans le domaine de la santé : RECOVER a été spécialement conçu pour simuler l'évolution naturelle de la lumière. Cela est possible grâce à la modification dynamique de la température de la couleur qui passe de la lumière dynamisante du matin à la teinte rougeoyante du soir qui favorise l'endormissement. Étant donné que la lumière soutient le biorythme humain, ce luminaire favorise la régénération naturelle des patients. Ce système 4-en-1 comprend l'éclairage ambiant, un éclairage de lecture, un éclairage nocturne et un éclairage d'examen médical avec une valeur CRI élevée pour une représentation parfaite de surfaces amorphes tridimensionnelles telles que la peau. Le maniement de RECOVER a été spécialement conçu pour être facile, de sorte que les programmes d'éclairage sont simples et adaptables de manière flexible.

Mounting



wall

Light distributions

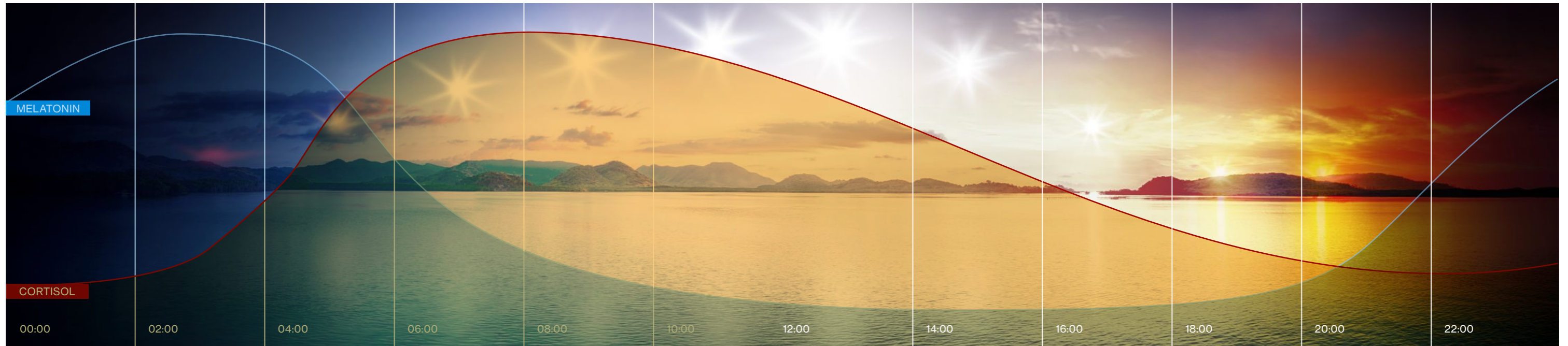


ambient
light

examination
light

reading
light

nurse night
light



Day-night rhythm

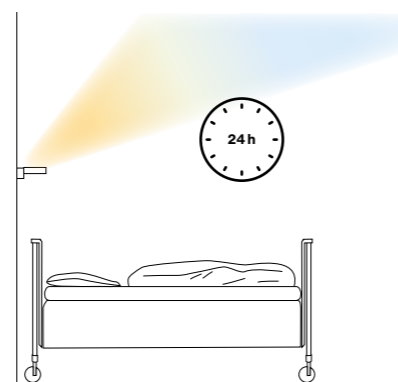
EN Light affects well-being and health. Cool morning light promotes cortisol, the activating hormone. In the evening, when the blue component is missing, the sleep hormone melatonin is formed. High melatonin levels at night lead to more restful sleep, and we enjoy a positive start to the day through an increased release of the happiness hormone serotonin. The RECOVER luminaire taps this knowledge and supports the natural regeneration of patients, as the high indirect illumination provides clear impulses to the inner clock.

FR La lumière influence le bien-être et la santé. La lumière froide du matin favorise l'hormone stimulante qu'est le cortisol, alors que le soir, lorsqu'il n'y a pas de composante bleue, se forme la mélatonine, l'hormone du sommeil. Lorsque le niveau de mélatonine nocturne est élevé, notre sommeil est plus réparateur et nous commençons la journée suivante de manière positive, grâce à une sécrétion accrue de l'hormone du bonheur, la sérotonine. La lampe RECOVER utilise ces connaissances et soutient ainsi la régénération naturelle des patients, parce qu'un éclairage indirect élevé induit un cadencement clair de l'horloge interne.

Schedule light moods

EN The aim was to make RECOVER particularly user-friendly. Lighting moods and intensity levels can be programmed with simple software. You can even string together several different programmes to form an annual schedule. The intensity and colour temperature change automatically with the season. The factory settings already store different daily sequences, which you can quickly adapt to your time requirements.

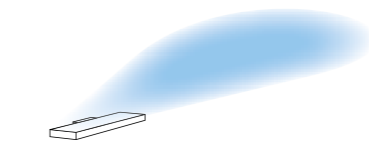
FR L'objectif était de rendre RECOVER particulièrement convivial. Un logiciel facile à utiliser permet de programmer des atmosphères lumineuses et des degrés d'intensité. Ainsi, vous pourrez enchaîner plusieurs programmes différents et même en faire un programme annuel. L'intensité et la température de la couleur changent automatiquement en fonction de la saison. Dans les paramètres par défaut, différents déroulements quotidiens sont déjà enregistrés, et vous pourrez facilement les adapter à vos besoins en termes de temps.



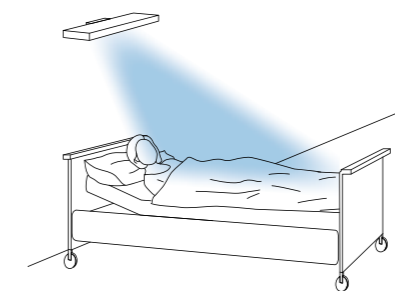
Four lights in one

EN RECOVER combines four luminaires. Indirect, homogeneous ceiling lighting provides daytime brightness for the patient, while the examination light is used for doctors' visits. A reading light ensures reflection-free illumination of the reading area. The nurse night light mounted on the side of the luminaire was integrated to avoid dazzling the patient at night.

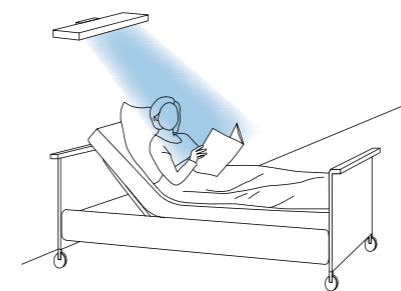
FR RECOVER réunit quatre lampes en une : un éclairage de plafond homogène et indirect apporte au patient la luminosité du jour, tandis que l'éclairage d'examen est destiné à la visite du médecin. Une lumière de lecture assure un éclairage sans reflet de la zone de lecture. L'éclairage nocturne monté latéralement pour les infirmières a été intégré pour ne pas éblouir le patient pendant la nuit.



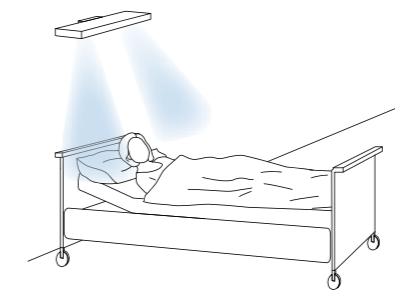
Ambient light



Examination light



Reading light



Nurse night light

CRI ≥ 95

EN The RECOVER examination and reading light achieve excellent R_a and R_e values of ≥ 95 . The unusually small luminous surface of the LED and the high luminance display amorphous three-dimensional surfaces, such as the skin, correctly.

FR L'éclairage pour examen médical et l'éclairage de lecture de RECOVER présentent d'excellentes valeurs R_a et $R_e \geq 95$. La surface lumineuse particulièrement petite du LED et la haute luminance permettent une représentation parfaite de surfaces amorphes tridimensionnelles telles que la peau.

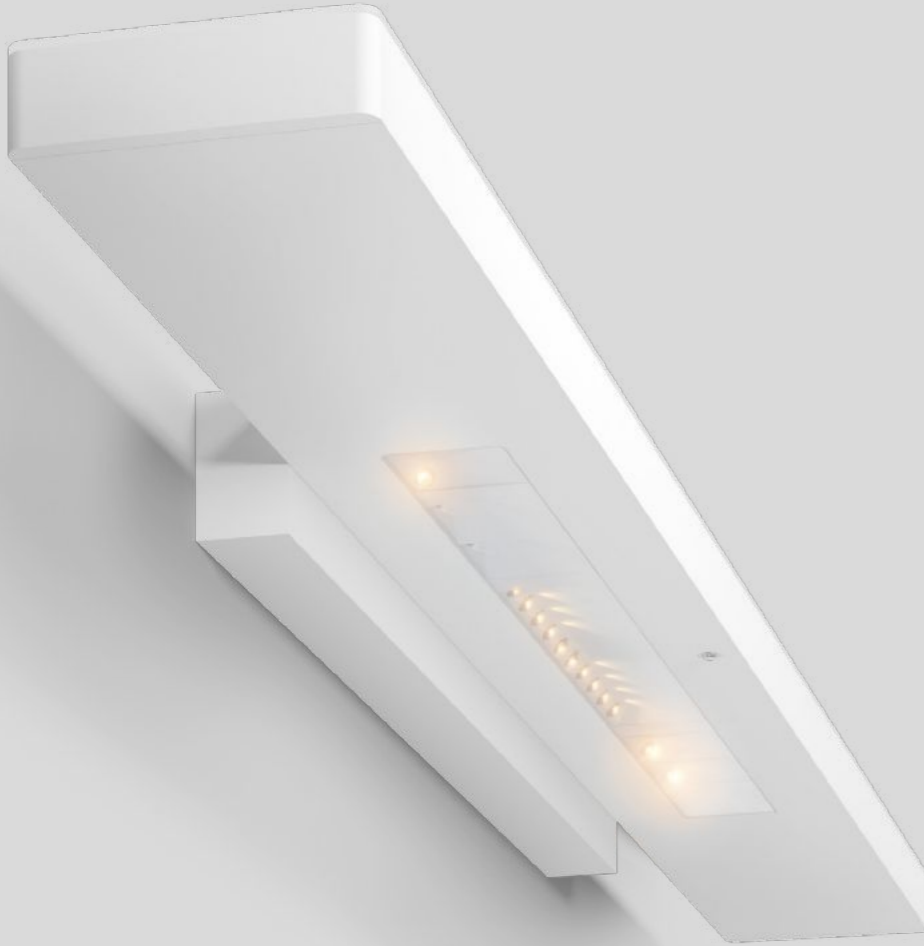


typical CRI ≥ 95



CRI ≥ 80

← back



RECOVER

wall

EN RECOVER is available in three versions:

RECOVER BASIC allows switching of the indirect ambient light, the examination light and the reading light.

RECOVER DALI allows individual dimming of the indirect ambient light, the examination light and the reading light.

RECOVER PRO allows for natural progressive lighting. Used in combination with the RECOVER Master Unit, four dynamic light transitions can be run. The four programs can be combined, through the RECOVER software, to form an annual light program. The examination light can be dimmed using the master unit, and the reading light can be switched in 2 stages. There are buttons built into the lamp to switch the two nurse night lights.

FR RECOVER disp. en trois variantes :

RECOVER BASIC permet d'activer l'éclairage d'amb. indir., d'examen et de lecture.

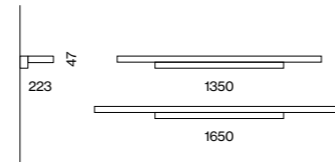
RECOVER DALI permet de réaliser une gradation de l'intensité lum. de l'éclairage d'amb. indir., de l'écl. d'examen et de lecture.

RECOVER PRO permet des gradients lum. quasi-naturels. Avec la RECOVER Master Unit, il est possible de produire quatre gradients lum. dynamiques. Le logiciel RECOVER permet de faire s'enchaîner les quatre programmes d'éclairage pour un seul tout au long de l'année. La Master Unit permet de réaliser une gradation de l'écl. d'examen ; l'écl. de lecture s'allume à 2 niveaux d'intensité. Les deux lumières pour infirmière de nuit peuvent être actionnées par deux comm. intégrés.

Quickinfo

2200–31000 K, TW
CRI ≥ 95, 3 SDCM
up to 96 lm/W
L80 @ 50 000 h
glass cover
non DIM, DALI

Types



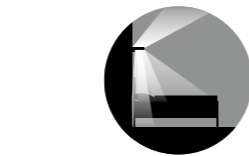
Colour



Light distributions



ambient light examination light reading light nurse night light



four in one light distribution



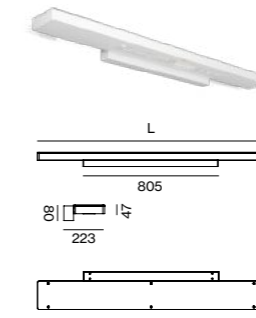
master unit



circadian light
2200–31000 K

MATERIAL COLOUR

○ pure white RAL 9010



RECOVER



BASIC

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
108 W	3000 K	7870 lm	1350	099-2210517
127 W	3000 K	9380 lm	1650	099-2211517



DALI

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
91 W	2700–6500 K*	8550 lm**	1350	099-2210D37
106 W	2700–6500 K*	10200 lm**	1650	099-2211D37

*examination and reading light 3000 K **measured at 6500 K



PRO

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
198 W	2200–31000 K*	16900 lm**	1350	099-2210037
237 W	2200–31000 K*	20600 lm**	1650	099-2211037

*examination and reading light 3000 K, nurse night light 2200 K

**measured at 5000 K

Accessories for RECOVER DALI

DALI POWER SUPPLY 220-240 V

TYPE	L-W-H (mm)	ORDER CODE
for top-hat-rail mounting 240 mA	90-36-58	002-59871
for ceiling insertion 200 mA	102-51-30	002-59880

DALI MODULE for group/scene control

TYPE	L-W-H (mm)	ORDER CODE
DALI control of 4 scenes/2 groups	48-28-15	002-54026

Accessories for RECOVER DALI/PRO

MASTER UNIT (DALI optional/PRO mandatory)

TYPE	L-W-H (mm)	ORDER CODE
single patient room	85-48-160	099-2291137
double patient room	85-48-160	099-2291237
three patient room	85-48-160	099-2291337
four patient room	85-48-160	099-2291437
five patient room	85-48-160	099-2291537
six patient room	85-48-160	099-2291637

INSTALLATION HOUSING (mandatory for MASTER UNIT)

for installation in solid walls

TYPE	L-W-H (mm)	ORDER CODE
installation housing	71-75-135	099-2290000

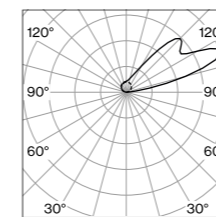
SAFETY FRAME FOR MASTER UNIT (optional)

TYPE	L-W-H (mm)	ORDER CODE
safety frame	108-15-182	099-2298007

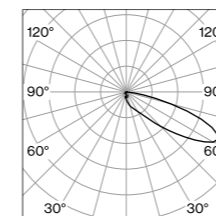
LIGHT SENSOR / MOTION DETECTOR DALI, PRO (optional)

TYPE	ORDER CODE
recessed ceiling mounted	002-54051
surface mounted	002-54058
socket mounted	002-54053

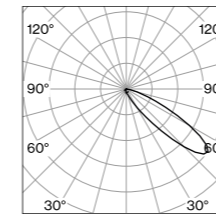
Light distributions



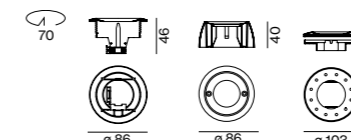
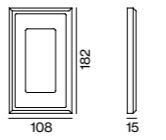
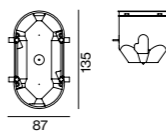
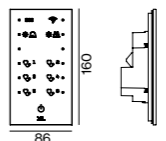
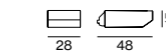
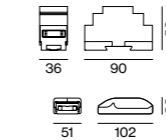
ambient light



examination light



reading light



EMCO private clinic
Bad Dürrenberg/Salzburg, AT –
by FLEOS architektur with
lighting design by Das Licht

