

Spotlights Downlights



Spotlights & Downlights

UNICO



44

recessed

ceiling

wall surface

wall recessed

SPIO



CAVO

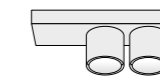
**NEW →** 86

recessed

96

recessed

SASSO

**NEW →** 108

recessed

semi-recessed

ceiling

ceiling

suspended

wall surface

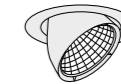
SASSO PRO



MOVE IN



TWIST



SPADO



168

recessed

NEW → 180

recessed

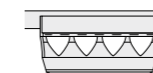
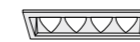
NEW → 194

recessed

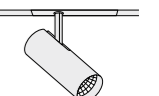
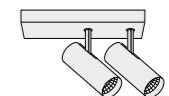
200

recessed

SQUADRO



BO



208

recessed

track

222

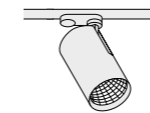
semi-recessed

surface

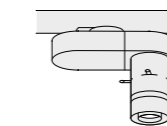
surface

track

VARO



PABLO



248

track

264

track

TULA



ARY

**NEW →** 280

suspended

288

suspended

TRACK 3-phase



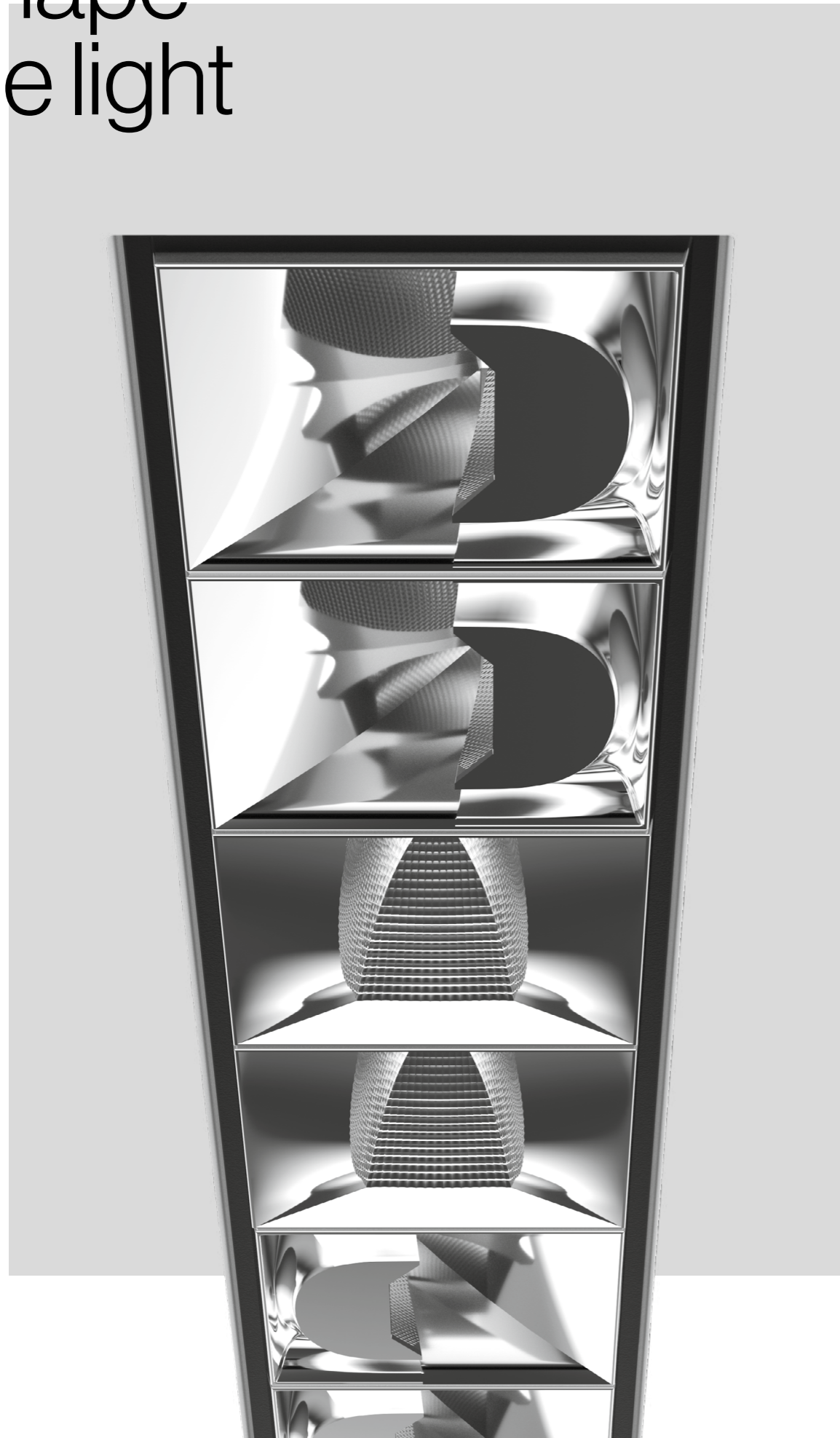
300

recessed

surface

suspended

Shape the light

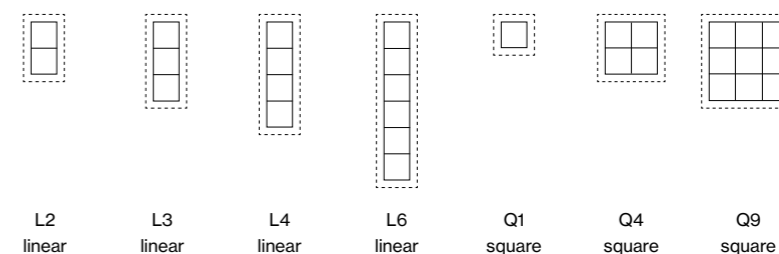


UNICO

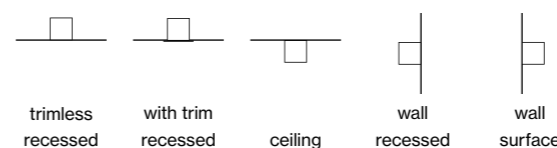
EN With UNICO, XAL crafted a unique product built for flexibility. The luminaire offers a solution for every requirement and need. The luminaire can be shaped from five mounting options, seven shapes, eleven optics, two sensors, four colour temperatures and two control options. The intuitive UNICO configurator helps guide the flexible composition and selection of the different beam characteristics. A single luminaire has never offered this much planning freedom in professional lighting design.

FR Avec UNICO, XAL a réussi à créer un produit unique en termes de flexibilité. Ce luminaire offre une solution à toutes les exigences et à tous les besoins. Ce luminaire peut être créé individuellement en combinant cinq options de montage, sept formes, douze lentilles, quatre températures de couleur et deux options de contrôle. Le configurateur intuitif UNICO soutient la composition flexible et la sélection des différentes caractéristiques de rayonnement. Jamais encore un seul luminaire n'a offert une plus grande liberté de planification dans la conception de l'éclairage professionnel.

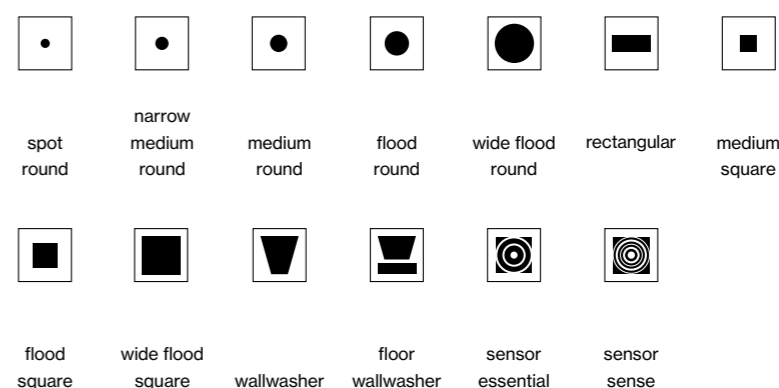
Types



Mountings



Light optics Sensors



UNICO recessed



Installation housing

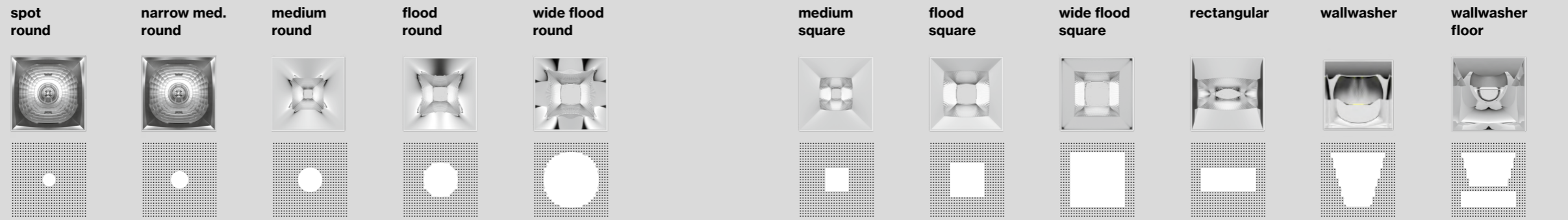
	Q1	Q4	Q9	L2
TYPE	with trim (white or black)	with trim (white or black)	with trim (white or black)	with trim (white or black)
CEILING THICKNESS	intermediate 2-25 mm	intermediate 2-25 mm	intermediate 2-25 mm	intermediate 2-25 mm
DIMENSION _{max}	63 × 63 mm	101 × 101 mm	138 × 138 mm	101 × 63 mm
CUTOUT DIMENSION	50 × 50 mm	90 × 90 mm	130 × 130 mm	90 × 50 mm
RECESS DEPTH	155 mm	110 mm	90 mm	140 mm

	Q1	Q4	Q9	L2
TYPE	trimless	trimless	trimless	trimless
CEILING THICKNESS	plasterboard 12/15/20/25	plasterboard 12/15/20/25	plasterboard 12/15/20/25	plasterboard 12/15/20/25
DIMENSION	50 × 50 mm	85 × 85 mm	125 × 125 mm	88 × 50 mm
CUTOUT DIMENSION	50 × 50 mm	90 × 90 mm	130 × 130 mm	90 × 50 mm
RECESS DEPTH	155 mm	110 mm	90 mm	140 mm

	L3	L4	L6
TYPE	with trim (white or black)	with trim (white or black)	with trim (white or black)
CEILING THICKNESS	intermediate 2-25 mm	intermediate 2-25 mm	intermediate 2-25 mm
DIMENSION _{max}	138 × 63 mm	176 × 63 mm	251 × 63 mm
CUTOUT DIMENSION	130 × 50 mm	165 × 50 mm	240 × 50 mm
RECESS DEPTH	110 mm	100 mm	100 mm

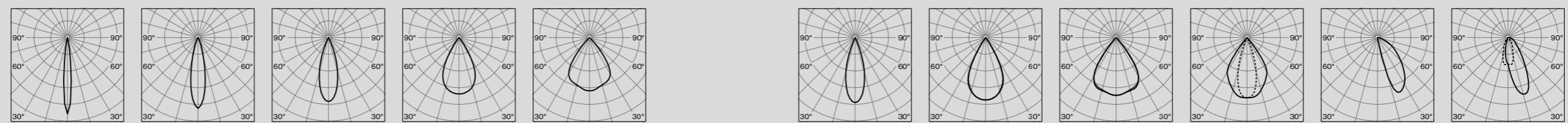
	L3	L4	L6
TYPE	trimless	trimless	trimless
CEILING THICKNESS	plasterboard 12/15/20/25	plasterboard 12/15/20/25	plasterboard 12/15/20/25
DIMENSION	125 × 50 mm	163 × 50 mm	238 × 50 mm
CUTOUT DIMENSION	130 × 50 mm	165 × 50 mm	240 × 50 mm
RECESS DEPTH	110 mm	100 mm	100 mm

Light optic



	spot round	narrow med. round	medium round	flood round	wide flood round	medium square	flood square	wide flood square	rectangular	wallwasher	wallwasher floor
LUMINOUS EFFICACY	up to 46 lm/W	up to 51 lm/W	up to 78 lm/W	up to 90 lm/W	up to 89 lm/W	up to 77 lm/W	up to 91 lm/W	up to 93 lm/W	up to 79 lm/W	up to 79 lm/W	up to 82 lm/W
LUMINOUS FLUX	179 lm, 190 lm	196 lm, 208 lm	300 lm, 319 lm	345 lm, 367 lm	342 lm, 363 lm	295 lm, 314 lm	351 lm, 373 lm	361 lm, 383 lm	305 lm, 324 lm	305 lm, 324 lm	318 lm, 338 lm
COLOUR TEMPERATURE	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K
COLOUR RENDERING INDEX	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90

LIGHT DISTRIBUTION



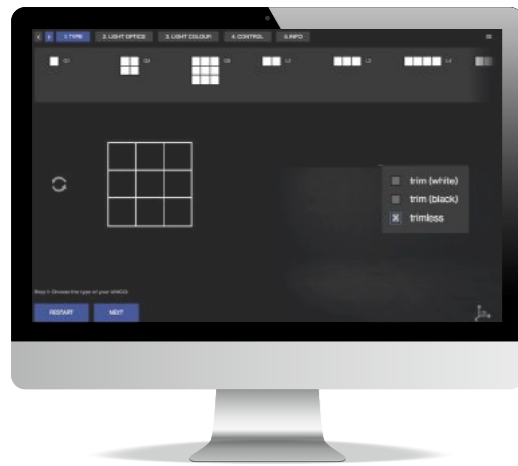
Create your own UNICO

unico.xal.com

EN XAL's UNICO is uniquely flexible. The luminaire offers a solution for every requirement. A UNICO can be flexibly assembled with eleven optics, two sensors and a selection of different light colours as well as Tunable White. XAL delivers this planning freedom with an intuitive online configurator. Solve concrete lighting concepts by creating a bespoke luminaire. unico.xal.com

FR Avec UNICO, XAL a mis au point une solution unique en termes de flexibilité. Ce luminaire offre une solution pour chaque besoin. Un UNICO peut être composé de manière flexible à partir de onze lentilles, deux capteurs et un choix de diverses températures de couleurs ainsi qu'en Tunable White. XAL soutient cette liberté de création avec un configurateur intuitif en ligne. Créez des concepts d'éclairage spécifiques grâce à la composition flexible d'un luminaire unique en son genre. unico.xal.com

1. Define your shape



EN Select your preferred mounting type and then one of the seven shapes.

FR Choisissez le type de montage approprié, puis l'une des sept formes.

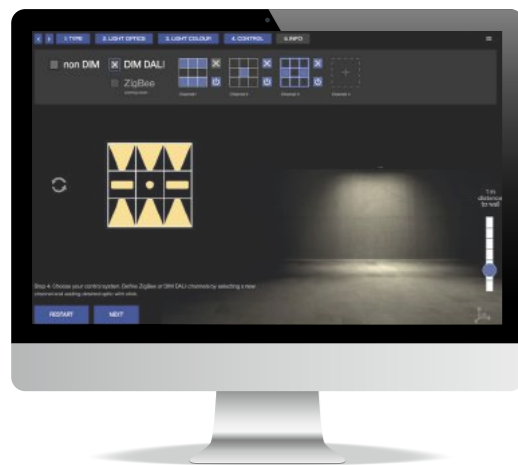
2. Choose your light optic and colour



EN Combine the eleven light insets and two sensors. Then select the desired light temperature 2700K, 3000K, 4000K or Tunable White.

FR Combinez les onze modules d'éclairage ainsi que deux capteurs et selon vos exigences, choisissez librement la température de lumière appropriée 2700K, 3000K, 4000K ou Tunable White.

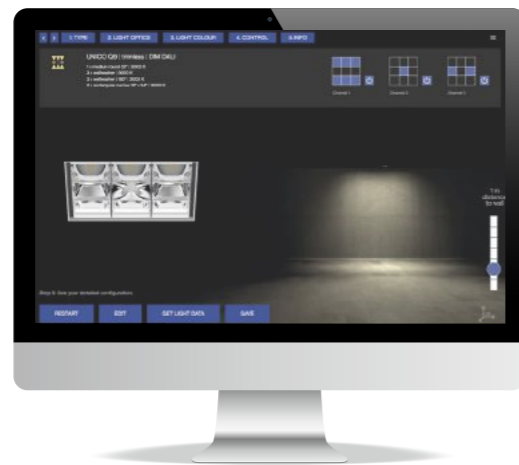
3. Control



EN The configurator helps you set up a maximum of four control channels.

FR À l'aide du configurateur, vous pouvez configurer jusqu'à quatre canaux de contrôle.

4. Info



EN Get an overview of your configured UNICO. You can download all the specifications as a datasheet.

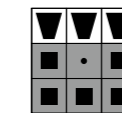
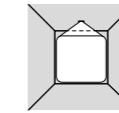
FR Obtenez un aperçu de votre configuration UNICO. Vous avez également la possibilité de télécharger toutes les informations sous forme de feuille de données.

One luminaire – four channels – various light scenes

EN Use the online configurator and address concrete lighting concepts by creating a bespoke luminaire. Assign each optic in a UNICO to one of up to four control channels. Each of the four channels can then be dimmed and controlled separately. Control is via DALI-2. Just one luminaire can create custom lighting scenarios for every application. There has never been more freedom in professional lighting design delivered by a single luminaire.

FR Avec un seul luminaire, vous pouvez réaliser des scénarios d'éclairage spécifiques pour chaque application. Utilisez le configurateur en ligne pour mettre en œuvre des concepts d'éclairage diversifiés grâce à la combinaison flexible des systèmes optiques. Affectez chaque module optique d'un UNICO à l'un des quatre canaux de contrôle. Chacun des quatre canaux peut ensuite être réglé et contrôlé séparément. Le contrôle se fait via DALI-2. Jamais un luminaire unique n'aura permis une telle liberté dans la conception d'éclairage professionnel.

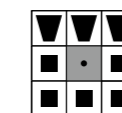
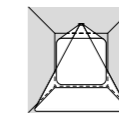
Light scene 1 wall



3 × wallwasher



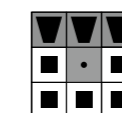
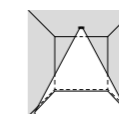
Light scene 2 wall + floor



3 × wallwasher
5 × flood square



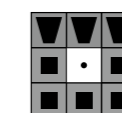
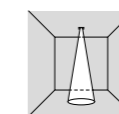
Light scene 3 floor



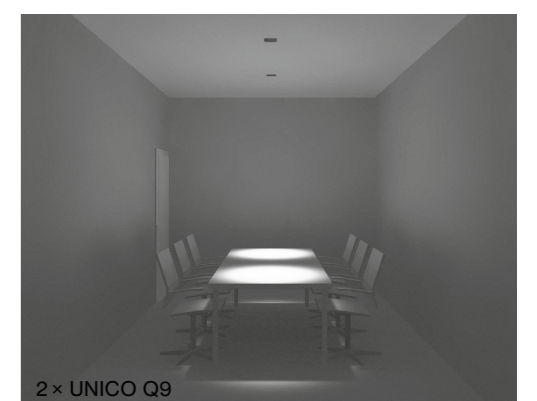
5 × flood square



Light scene 4 spots



1 × spot round



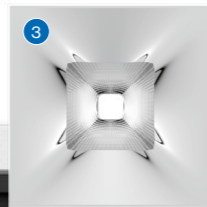
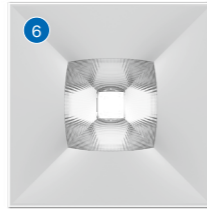
92.2 quadrillion possibilities

EN The luminaire can be customised from five mounting options, seven shapes, eleven light insets, two sensors, four colour temperatures, and three control options. The downlight optics for generating round or angular light projections are available with different beam characteristics. There are also rectangular downlights and wallwasher optics for wall or wall / floor lighting. Highly glare-free versions (UGR ≤ 19) are ideal for use at computer workstations. Dedicated sensors help adjust the lighting according to daylight and room activity. In addition, the reflectors are available in the colours chrome, black, and gold. Values such as temperature, air quality, and noise levels can be recorded. This delivers valuable knowledge about the conditions of your premises.

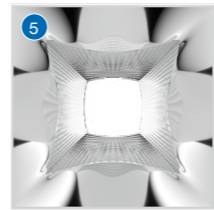
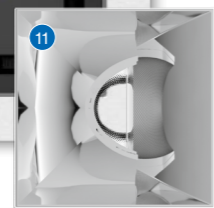
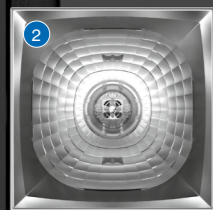
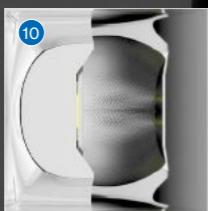
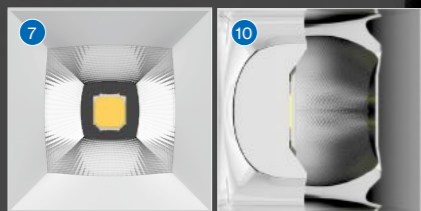
FR Ce luminaire peut être combiné individuellement à partir de cinq options de montage, sept formes, onze inserts lumineux, deux capteurs, trois températures de couleurs et trois options de contrôle. Les optiques de plafonniers pour la génération de projections de lumière rondes ou carrées sont disponibles avec différentes caractéristiques de faisceaux. En outre, des spots rectangulaires et des projecteurs muraux sont disponibles pour l'éclairage des murs, ou des murs + sols. Les versions à fort taux de réduction de l'éblouissement (UGR ≤ 19) sont idéales pour les postes de travail sur écrans. De plus, les réflecteurs sont disponibles dans les couleurs chrome, noir et or. Des capteurs spéciaux permettent d'adapter l'éclairage à la lumière du jour et à l'activité dans l'espace, ainsi que d'enregistrer des valeurs telles que la température, la qualité de l'air et le niveau sonore. Cela vous permettra d'obtenir de précieuses informations sur l'utilisation de vos locaux.



Q1 trimless

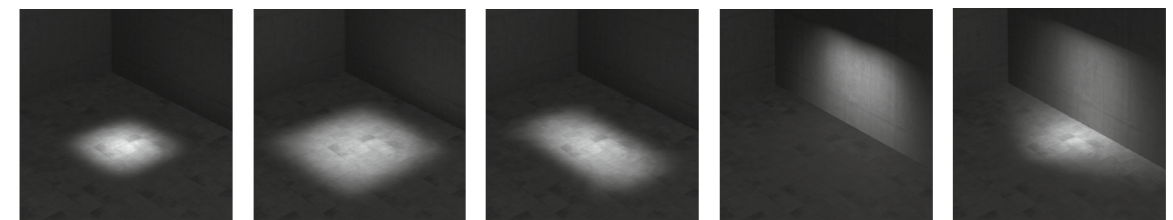
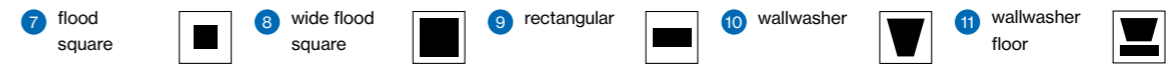
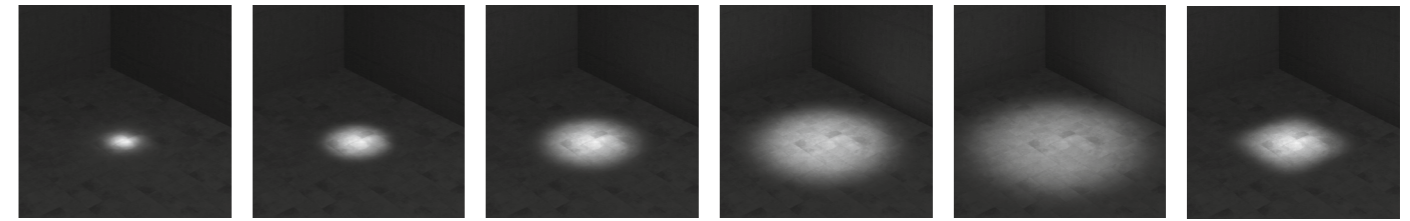


L3 trimless tunable white

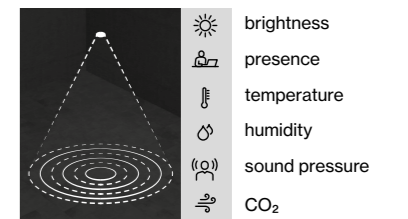
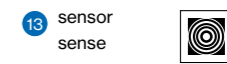
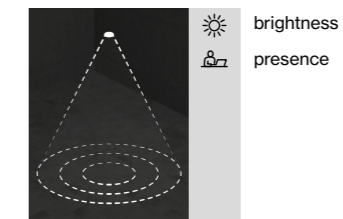
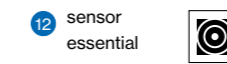


Q9 with trim

11 light optics and 2 sensors



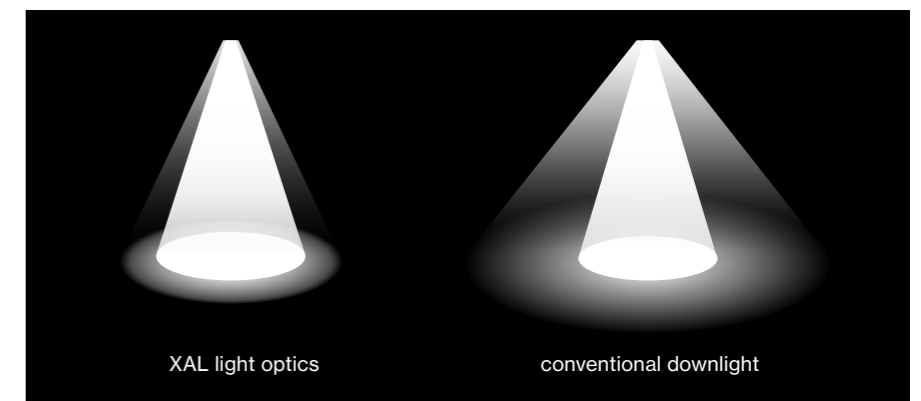
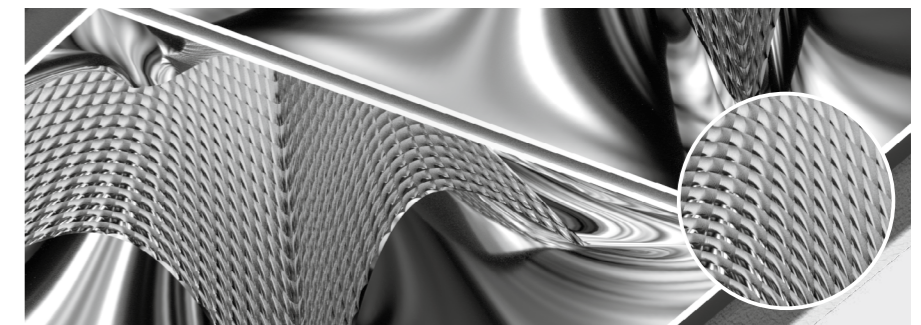
Sensors

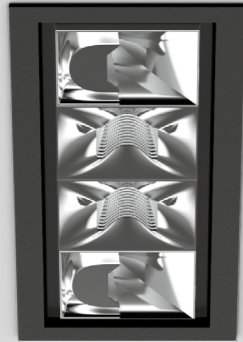


Precision cut-off

EN XAL Light optics deliver the latest development in the field of micro-faceted reflector technology. Architects and lighting planners have entirely new design options thanks to clearly defined contrasts and maximised efficiency. Compared with conventional optics, XAL Light optics offer, with the same beam angle, a clearly defined light cone break with minimal stray light at the edges.

FR Avec XAL Light Optics, XAL offre le dernier développement dans le domaine de la technologie de réflecteur à microfacettes. De toutes nouvelles possibilités de conception s'offrent aux architectes et aux concepteurs d'éclairage grâce à des contrastes clairement définis combinés à une efficacité maximisée. En comparaison avec les optiques classiques, les XAL Light Optics offrent un contour du faisceau lumineux clairement défini avec le même angle de rayonnement et peu de lumière parasite sur les bords.





UNICO linear

recessed

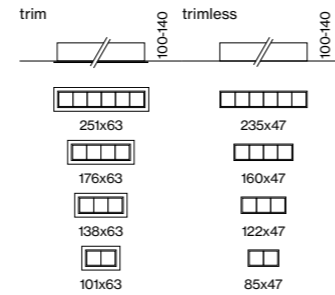
EN Rectangular recessed multi-downlight made of die-cast aluminium; equipped with two (L2) / three (L3) / four (L4) / six (L6) individually selectable or pre-specified, customised light elements; installation without tools in mounting set with ball catch system; easy electrical installation by means of reverse polarity protected plug-in connections; suitable for ceiling thickness of 2-25 mm; surface powder coated; installation possible in different housings; high-quality reflector with micro-faceted, aluminum-vaporised surface; precise radiation characteristic with different symmetrical light distributions; or with asymmetric light distribution; energy-efficient high power LEDs with very good colour rendering; clank-free

FR Multi-Downlight rect. en alu moulé sous pression pour encastrement ; équipé de 2 (L2) / 3 (L3) / 4 (L4) / 6 (L6) éléments optiques à choisir ou définis de manière fixe, selon application ; montage sans outil en kit de montage par sys. à déclit à bille ; install. électr. facile par enfichage protégé contre les inversions de polarité ; pour épaisseurs de plafond 2-25 mm ; surface thermolaquée ; encastr. poss. dans différents boîtiers ; réflecteur surface à microfacettes, métallisée à l'aluminium ; caractéristique de diffusion précise, différentes possibilités de répartitions symétriques de la lumière ; ou avec distribution asymétrique ; High-Power-LED grande efficacité énergétique, très bon rendu des couleurs ; sans distorsions

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 3 SDCM
UGR ≤ 19 / 65° ≤ 1500 cd/m²
L2 up to 98 lm/W
L3 up to 99 lm/W
L4 up to 112 lm/W
L6 up to 112 lm/W
L90 @ 50 000 h
non DIM, DALI-2

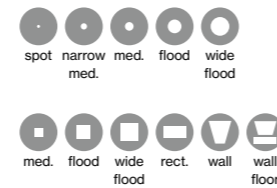
Types



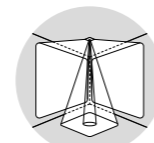
Colours



Light optics



DiiA® standards
251, 252, 253



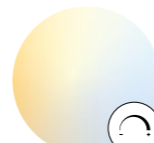
one luminaire
multiple scenes



plug / socket
connector



black & gold
reflector



tunable white
2700-5000K

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

LIGHT OPTIC	
spot round (UGR ≤ 10)	K
narrow medium round (UGR ≤ 10)	N
medium round (UGR ≤ 10)	B
medium square (UGR ≤ 10)	E
flood round (UGR ≤ 16)	C
flood square (UGR ≤ 19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR	
○ traffic white RAL 9016	W
● jet black RAL 9005	B

LIGHT OPTIC COLOUR	
chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE	
tunable white 2700-5000K	
DALI-2 DT8	

LIGHT OPTIC COLOUR	
gold reflector	

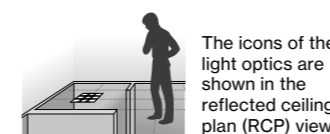
MOUNTING SET	
acoustic soft ceilings	

Product configurator



Create your own UNICO PRO
unico.xal.com

Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

UNICO L2 basic recessed

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
7.9 W	up to 723 lm	090-7L2::A0■21

choose one light optic ▲ from the options on the left depending on your room needs

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
7.9 W	611 lm	090-7L2::A0022

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
7.9 W	610 lm	090-7L2::R0■21

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
7.9 W	638 lm	090-7L2::W0■22

UNICO L3 basic recessed

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
11.2 W	up to 1030 lm	090-7L3::A0■21

choose one light optic ▲ from the options on the left depending on your room needs

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
11.2 W	872 lm	090-7L3::A0021

Accessories

TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
L2	101-63-30	90-50	090-7L2020■
L3	138-63-30	130-50	090-7L3020■

TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
L2	88-50-47	90-50	090-7L20100
L3	125-50-47	130-50	090-7L30100

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4-12 mm	105-58-30	005-2531110
DALI cable ø 4-12 mm	105-58-30	005-2551110

LUMINOUS FLUX value calculated for 3000K, CRI ≥ 90, colour white, reflector chrome 2700K -6%, 4000K +7%

← back

Order options

COLOUR TEMPERATURE

2700K	4
3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

LIGHT OPTIC

spot round (UGR≤10)	K
narrow medium round (UGR≤10)	N
medium round (UGR≤10)	B
medium square (UGR≤10)	E
flood round (UGR≤16)	C
flood square (UGR≤19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR

○ traffic white RAL 9016	W
● jet black RAL 9005	B

LIGHT OPTIC COLOUR

chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE

tunable white 2700–5000K
DALI-2 DT8

LIGHT OPTIC COLOUR

gold reflector

MOUNTING SET

acoustic soft ceilings

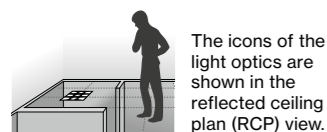
Product configurator



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unico.xal.com

Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

UNICO L4 basic recessed



FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	up to 1450lm	090-7L4::▲0■21

choose one light optic ▲ from the options on the left depending on your room needs



WALL

4x wallwasher

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1220lm	090-7L4::◆A0021



WALL + FLOOR

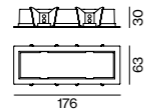
4x wallwasher floor

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1280lm	090-7L4::◆W0■22

Accessories

MOUNTING SET WITH TRIM

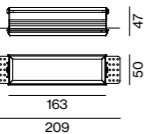
for intermediate ceilings 2–25mm



TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
L4	176-63-30	165-50	090-7L4020

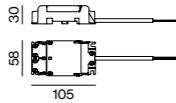
TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12.5/15/20/25mm



TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
L4	163-50-47	165-50	090-7L40100

THROUGH WIRING CONNECTION BOX



TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø4–12mm	105-58-30	005-2531110
DALI cable ø4–12mm	105-58-30	005-2551110

Order options

COLOUR TEMPERATURE

2700K	4
3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

LIGHT OPTIC

spot round (UGR≤10)	K
narrow medium round (UGR≤10)	N
medium round (UGR≤10)	B
medium square (UGR≤10)	E
flood round (UGR≤16)	C
flood square (UGR≤19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR

○ traffic white RAL 9016	W
● jet black RAL 9005	B

LIGHT OPTIC COLOUR

chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE

tunable white 2700–5000K
DALI-2 DT8

LIGHT OPTIC COLOUR

gold reflector

MOUNTING SET

acoustic soft ceilings

UNICO L6 basic recessed



FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
19.8W	up to 2060lm	090-7L6::▲0■21

choose one light optic ▲ from the options on the left depending on your room needs



WALL

6x wallwasher

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
19.8W	1740lm	090-7L6::◆A0021



CORRIDOR

6x rectangular

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
19.8W	1740lm	090-7L6::◆R0■21



WALL + FLOOR

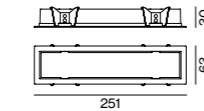
6x wallwasher floor

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
19.8W	1820lm	090-7L6::◆W0■21

Accessories

MOUNTING SET WITH TRIM

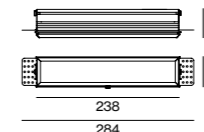
for intermediate ceilings 2–25mm



TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
L6	251-63-30	240-50	090-7L6020

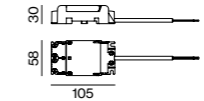
TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12.5/15/20/25mm



TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
L6	238-50-47	240-50	090-7L60100

THROUGH WIRING CONNECTION BOX



TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø4–12mm	105-58-30	005-2531110
DALI cable ø4–12mm	105-58-30	005-2551110

LUMINOUS FLUX value calculated for 3000K, CRI≥90, colour white, reflector chrome 2700K -6%, 4000K +7%

LUMINOUS FLUX value calculated for 3000K, CRI≥90, colour white, reflector chrome 2700K -6%, 4000K +7%



West Tower
Manchester, UK – by SimpsonHaugh with
lighting design by Troup, Bywaters & Anders

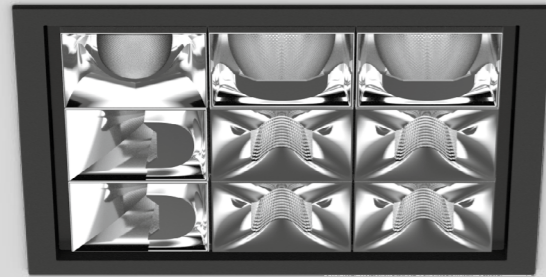




Penthouse Wörthersee
Carinthia, AT – by ROOMS GmbH



← back



UNICO square

recessed

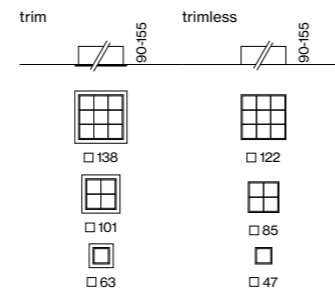
EN Square recessed multi-downlight made of die-cast aluminium; equipped with one (Q1) / four (Q4) / nine (Q9) individually selectable or pre-specified, customised light element(s); or with a sensor; installation without tools in mounting set with ball catch system; easy electrical installation by means of reverse polarity protected plug-in connections; suitable for ceiling thickness of 2-25 mm; surface powder coated; installation possible in different housings; high-quality reflector with micro-faceted, aluminum-vaporised surface; precise radiation characteristic with different symmetrical light distributions; or with asymmetric light distribution; energy-efficient high power LEDs with very good colour rendering; clank-free

FR Multi-Downlight carré en alu moulé sous pression pour encastrement ; équipé d'un (Q1) / 4 (Q4) / 9 (Q9) éléments opt. à choisir ou définis de manière fixe, selon application ; ou avec capteur (Q1) ; montage sans outil en kit par sys. à dé clic à bille ; install. électr. facile par enfichage protégé contre les inversions de polarité ; pour épaisseurs de plafond 2-25 mm ; surface thermolaquée ; encastr. poss. dans diff. boîtiers ; réflecteur de qualité, surface à microfacettes, métallisée à l'alu ; caractéristique de diff. précise avec diff. possibilités de répartitions symétriques de la lumière ; ou avec distribution asymétrique ; High-Power-LED grande efficacité énergétique, très bon rendu des couleurs ; sans distorsions

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 3 SDCM
UGR ≤ 19 / 65° ≤ 1500 cd/m²
Q1 up to 85 lm/W
Q4 up to 112 lm/W
Q9 up to 111 lm/W
L90 @ 50 000 h
non DIM, DALI-2

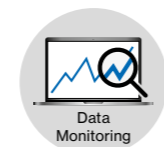
Types



Colours



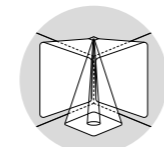
Light optics / sensors



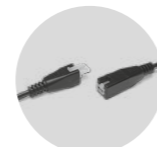
DiiA® standards
251, 252, 253



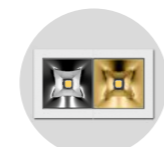
sensor version
available



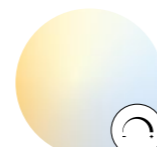
one luminaire
multiple scenes



plug / socket
connector



black & gold
reflector



tunable white
2700-5000K

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

LIGHT OPTIC	
spot round (UGR ≤ 10)	K
narrow medium round (UGR ≤ 10)	N
medium round (UGR ≤ 10)	B
medium square (UGR ≤ 10)	E
flood round (UGR ≤ 16)	C
flood square (UGR ≤ 19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR	
○ traffic white RAL 9016	W
● jet black RAL 9005	B

LIGHT OPTIC COLOUR	
chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE	
tunable white 2700-5000K	
DALI-2 DT8	

LIGHT OPTIC COLOUR	
gold reflector	

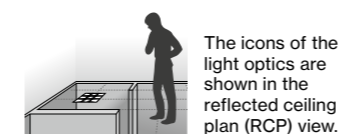
MOUNTING SET	
acoustic soft ceilings	

Product configurator



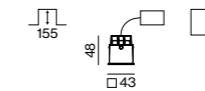
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Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

UNICO Q1 basic recessed



FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
6 W	up to 490 lm	090-7 Q 1	090-7 Q 1 :: A 0 2 1

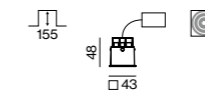
choose one light optic ▲ from the options on the left depending on your room needs

WALL	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
1x wallwasher	6 W	up to 415 lm	090-7 Q 1 :: A 0 2 1

CORRIDOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
1x rectangular	6 W	up to 414 lm	090-7 Q 1 :: R 0 2 1

WALL + FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
1x wallwasher floor	6 W	up to 432 lm	090-7 Q 1 :: W 0 2 1

UNICO Q1 sensor recessed



ESSENTIAL SENSOR	TYPE	ORDER CODE
brightness & presence		090-7 Q 1 0 0 0 0



SENSE SENSOR	TYPE	ORDER CODE
brightness, presence, temperature, sound pressure, humidity, CO ₂		090-7 Q 1 0 0 1 0

Accessories

MOUNTING SET WITH TRIM	TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
for intermediate ceilings 2-25 mm	Q1	63-63-30	50-50	090-7 Q 1 0 2 0 2

TRIMLESS MOUNTING SET	TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
for installation in plasterboard ceilings 12.5/15/20/25 mm	Q1	50-50-47	50-50	090-7 Q 1 0 1 0 0

LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector chrome 2700 K -6%, 4000 K +7%

← back

Order options

COLOUR TEMPERATURE

2700K	4
3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

LIGHT OPTIC

spot round (UGR≤10)	K
narrow medium round (UGR≤10)	N
medium round (UGR≤10)	B
medium square (UGR≤10)	E
flood round (UGR≤16)	C
flood square (UGR≤19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR

○ traffic white RAL 9016	W
● jet black RAL 9005	B

LIGHT OPTIC COLOUR

chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE

tunable white 2700–5000K
DALI-2 DT8

LIGHT OPTIC COLOUR

gold reflector

MOUNTING SET

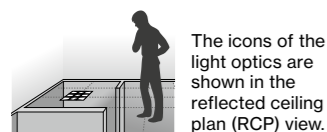
acoustic soft ceilings

Product configurator



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Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

UNICO Q4 basic recessed

UGR ≤10	cd/m² ≤1500	CRI ≥90	DALI 1ADDR	220-240V	XPERT
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FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	up to 1450lm	090-7Q4::▲0■21

choose one light optic ▲ from the options on the left depending on your room needs

WALL

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1220lm	090-7Q4::▲A0021

CORRIDOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1220lm	090-7Q4::▲A0022

WALL + FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1200lm	090-7Q4::▲90021

CORNER + FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1200lm	090-7Q4::▲90022

WALL + FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1280lm	090-7Q4::▲W0■21

Accessories

MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm			
TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
Q4	101-101-30	90-90	090-7Q4020
TRIMLESS MOUNTING SET for installation in plasterboard ceilings 12.5/15/20/25 mm			
TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
Q4	85-85-47	90-90	090-7Q40100
THROUGH WIRING CONNECTION BOX			
TYPE	L-W-H (mm)	ORDER CODE	
non DIM cable ø4–12mm	105-58-30	005-2531110	
DALI cable ø4–12mm	105-58-30	005-2551110	

LUMINOUS FLUX value calculated for 3000K, CRI≥90, colour white, reflector chrome
2700K -6%, 4000K +7%

Order options

COLOUR TEMPERATURE

2700K	4
3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

LIGHT OPTIC

spot round (UGR≤10)	K
narrow medium round (UGR≤10)	N
medium round (UGR≤10)	B
medium square (UGR≤10)	E
flood round (UGR≤16)	C
flood square (UGR≤19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR

○ traffic white RAL 9016	W
● jet black RAL 9005	B

LIGHT OPTIC COLOUR

chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE

tunable white 2700–5000K
DALI-2 DT8

LIGHT OPTIC COLOUR

gold reflector

MOUNTING SET

acoustic soft ceilings

LUMINOUS FLUX value calculated for 3000K, CRI≥90, colour white, reflector chrome
2700K -6%, 4000K +7%

UNICO Q9 basic recessed

UGR ≤10	cd/m² ≤1500	CRI ≥90	DALI 1ADDR	220-240V	XPERT
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FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
32W	up to 3310lm	090-7Q9::▲0■21

choose one light optic ▲ from the options on the left depending on your room needs

WALL

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
32W	2800lm	090-7Q9::▲A0021

WALL + FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
32W	3080lm	090-7Q9::▲90021

WALL + CORRIDOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
32W	2790lm	090-7Q9::▲90022

WALL + FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
32W	2920lm	090-7Q9::▲W0■21

Accessories

MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm			
TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
Q9	138-138-30	130-130	090-7Q9020
TRIMLESS MOUNTING SET for installation in plasterboard ceilings 12.5/15/20/25 mm			
TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
Q9	125-125-47	130-130	090-7Q90100
THROUGH WIRING CONNECTION BOX			
TYPE	L-W-H (mm)	ORDER CODE	
non DIM cable ø4–12mm	105-58-30	005-2531110	
DALI cable ø4–12mm	105-58-30	005-2551110	

LUMINOUS FLUX value calculated for 3000K, CRI≥90, colour white, reflector chrome
2700K -6%, 4000K +7%

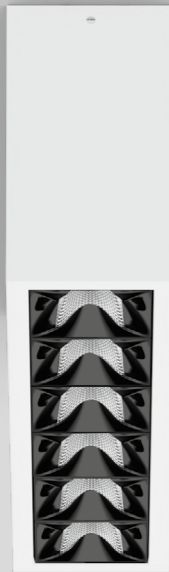


Aertssen Group Beveren, BE –
by Mertens Architecten with
lighting design by Eef Debeuf



Fortuna Financial Group
Antwerp, BE – by Kris Rymenants
Architectenbureau





red dot winner 2020

UNICO linear

ceiling

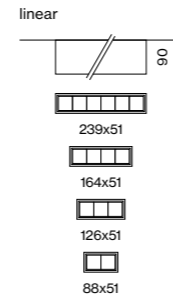
EN Rectangular surface mounted multi-downlight made of aluminium; equipped with two (L2) / three (L3) / four (L4) / six (L6) individually selectable or pre-specified, customised light elements; luminaire housing can be attached to mounting plate without tools by interlock; converter integrated into luminaire housing; surface powder coated; high-quality reflector with micro-faceted, aluminum-vaporised surface; precise radiation characteristic with different symmetrical light distributions; or with asymmetric light distribution; energy-efficient high power LEDs with very good colour rendering; clank-free

FR Multi-downlight apparent rect., en alu ; équipé de 2 (L2) / 3 (L3) / 4 (L4) / 6 (L6) éléments opt. individuels ou fixes, spécifiques à chaque application ; corps pouvant être monté sans outils sur la plaque de montage grâce à un système de verrouillage ; convert. intégré dans le corps ; surface thermolaquée ; réflecteur de grande qualité avec surface à micro-facettes, métallisée à l'alu ; caractéristique de diffusion précise avec différentes possibilités de répartitions symétriques de la lumière ; ou avec distribution asymétrique de la lumière ; High-Power-LED efficaces, très bon rendu des couleurs ; sans distorsions

Quickinfo

2700 K, 3000 K, 4000 K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 L2 up to 95 lm/W
 L3 up to 97 lm/W
 L4 up to 103 lm/W
 L6 up to 103 lm/W
 L90 @ 50 000h
 non DIM, DALI-2

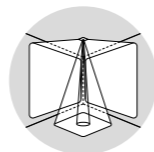
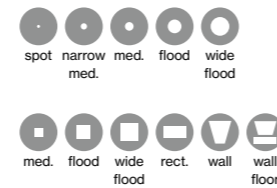
Types



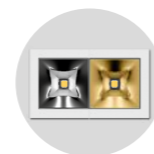
Colours



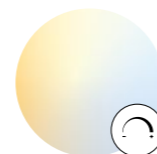
Light optics



one luminaire
multiple scenes



black & gold
reflector



tunable white
2700–5000 K

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

LIGHT OPTIC	
spot round (UGR ≤ 10)	K
narrow medium round (UGR ≤ 10)	N
medium round (UGR ≤ 10)	B
medium square (UGR ≤ 10)	E
flood round (UGR ≤ 16)	C
flood square (UGR ≤ 19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR	
○ traffic white RAL 9016	W
● white aluminium RAL 9006	G
● jet black RAL 9005	B
● gold dust RAL 260-M	9

LIGHT OPTIC COLOUR	
chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE	
tunable white 2700–5000 K	
DALI-2 DT8	

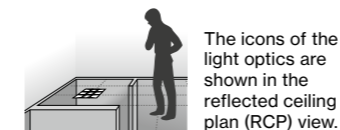
LIGHT OPTIC COLOUR	
gold reflector	

Product configurator



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Planning information



UNICO L2 basic ceiling

FLOOR		
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
12.6 W	up to 1150 lm	090-1L2:::A■01

choose one light optic ▲ from the options on the left depending on your room needs

CORRIDOR		
2x rectangular		
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
12.6 W	971 lm	090-1L2:::R■01

WALL		
2x wallwasher		
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
12.6 W	973 lm	090-1L2:::A■001

WALL + FLOOR		
2x wallwasher floor		
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
12.6 W	947 lm	090-1L2:::W■01

WALL + FLOOR		
2x wallwasher floor		
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
12.6 W	1020 lm	090-1L2:::W■02

UNICO L3 basic ceiling

FLOOR		
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
18.9 W	up to 1720 lm	090-1L3:::A■01

choose one light optic ▲ from the options on the left depending on your room needs

WALL		
3x wallwasher		
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
18.9 W	1460 lm	090-1L3:::A■001

LUMINOUS FLUX value calculated for
 3000 K, CRI ≥ 90, colour white, reflector chrome
 2700 K -6%, 4000 K +7%

← back

Order options

COLOUR TEMPERATURE

2700K	4
3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

LIGHT OPTIC

spot round (UGR≤10)	K
narrow medium round (UGR≤10)	N
medium round (UGR≤10)	B
medium square (UGR≤10)	E
flood round (UGR≤16)	C
flood square (UGR≤19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR

○ traffic white RAL 9016	W
● white aluminium RAL 9006	G
● jet black RAL 9005	B
● gold dust RAL 260-M	9

LIGHT OPTIC COLOUR

chrome reflector	O
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE

tunable white 2700-5000K
DALI-2 DT8

LIGHT OPTIC COLOUR

gold reflector

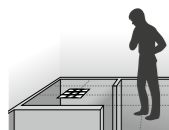
Product configurator



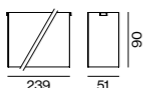
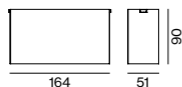
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Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.



UNICO L4 basic ceiling



FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
	20.4W	up to 1920lm	090-1L4::A01

choose one light optic ▲ from the options on the left depending on your room needs



WALL	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
4x wallwasher	20.4W	1620lm	090-1L4::A01



FLOOR/WALL + FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
4x wallwasher floor	20.4W	1690lm	090-1L4::W01



WALL + FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
4x wallwasher floor	20.4W	1690lm	090-1L4::W02

UNICO L6 basic ceiling



FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
	28.6W	up to 2790lm	090-1L6::A01

choose one light optic ▲ from the options on the left depending on your room needs



CORRIDOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
6x rectangular	28.6W	2350lm	090-1L6::R01



WALL	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
6x wallwasher	28.6W	2360lm	090-1L6::A01

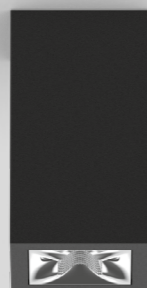
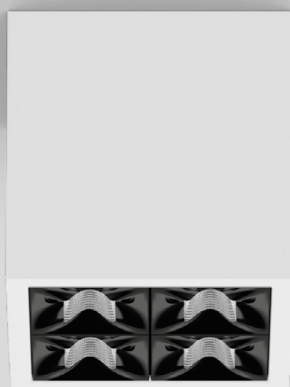
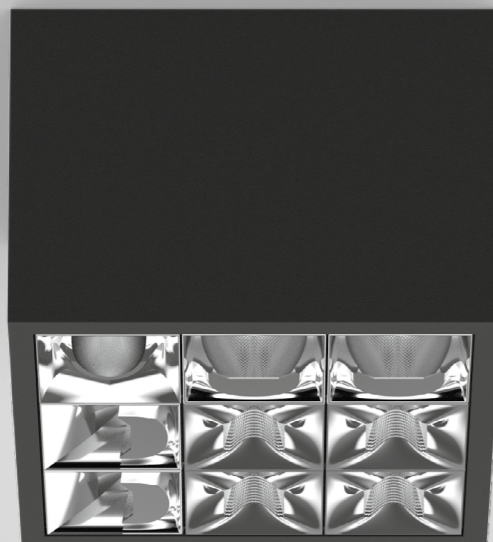


WALL + FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
6x wallwasher floor	28.6W	2460lm	090-1L6::W01

LUMINOUS FLUX value calculated for 3000K, colour white, reflector chrome 2700K -6%, 4000K +7%



Babylon
Den Haag, NL – by Studio Linse



reddot winner 2020

UNICO square

ceiling

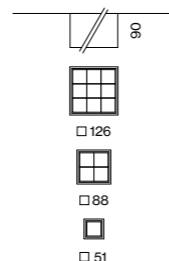
EN Square surface mounted multi-downlight made of aluminium; equipped with one (Q1) / four (Q4) / nine (Q9) individually selectable or pre-specified, customised light element(s); luminaire housing can be attached to mounting plate without tools by interlock; converter integrated into luminaire housing; surface powder coated; high-quality reflector with micro-faceted, aluminum-vaporised surface; precise radiation characteristic with different symmetrical light distributions; or with asymmetric light distribution; energy-efficient high power LEDs with very good colour rendering; clank-free

FR Multi-downlight apparent carré, en alu ; équipé d'1 (Q1) / 4 (Q4) / 9 (Q9) éléments opt. individuels ou fixes, spécifiques à chaque application ; corps pouvant être monté sans outils sur la plaque de montage grâce à un système de verrouillage ; convertisseur intégré dans le corps ; surface thermolaquée ; réflecteur de grande qualité avec surface à microfacettes, métallisée à l'alu ; caractéristique de diffusion précise avec différentes possibilités de répartitions symétriques de la lumière ; ou avec distribution asymétrique de la lumière ; High-Power-LED efficaces, très bon rendu des couleurs ; sans distorsions

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
Q1 up to 95 lm/W
Q4 up to 103 lm/W
Q9 up to 105 lm/W
L90 @ 50 000 h
non DIM, DALI-2

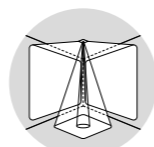
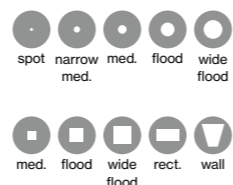
Types



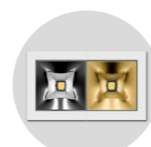
Colours



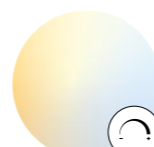
Light optics



one luminaire
multiple scenes



black & gold
reflector



tunable white
2700–5000 K

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

LIGHT OPTIC	
spot round (UGR ≤ 10)	K
narrow medium round (UGR ≤ 10)	N
medium round (UGR ≤ 10)	B
medium square (UGR ≤ 10)	E
flood round (UGR ≤ 16)	C
flood square (UGR ≤ 19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR	
○ traffic white RAL 9016	W
● white aluminium RAL 9006	G
● jet black RAL 9005	B
● gold dust RAL 260-M	9

LIGHT OPTIC COLOUR	
chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE	
tunable white 2700–5000 K	
DALI-2 DT8	

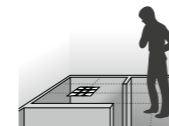
LIGHT OPTIC COLOUR	
gold reflector	

Product configurator



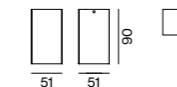
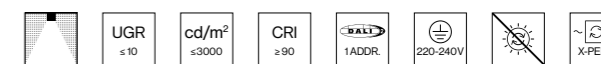
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Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

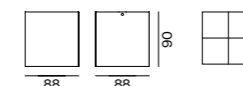
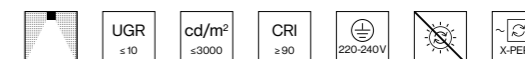
UNICO Q1 basic ceiling



FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
	6.5 W	up to 575 lm	090-1Q1::1▲■01

choose one light optic ▲ from the options on the left depending on your room needs

UNICO Q4 basic ceiling



FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
	20.4 W	up to 1920 lm	090-1Q4::4▲■01

choose one light optic ▲ from the options on the left depending on your room needs

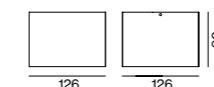


WALL	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
4x wallwasher	20.4 W	1620 lm	090-1Q4::4▲■001



CORNER + FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
2x wallwasher floor + 2x medium square	20.4 W	1630 lm	090-1Q4::4▲■01

UNICO Q9 basic ceiling



FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
	36 W	up to 3550 lm	090-1Q9::9▲■01

choose one light optic ▲ from the options on the left depending on your room needs



WALL	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
9x wallwasher	36 W	3000 lm	090-1Q9::9▲■001



WALL + CORRIDOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
6x wallwasher floor + 3x rectangular	36 W	3090 lm	090-1Q9::9▲■01

LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector chrome 2700 K -6%, 4000 K +7%

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





UNICO

wall surface

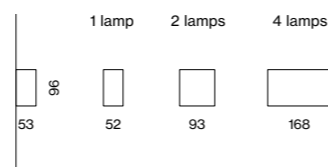
EN Rectangular wall surface mounted multi-uplight made of aluminium; equipped with one light inset (1 lamp) / two (2 lamps) / four (4 lamps) light insets; luminaire housing can be attached to mounting plate without tools by interlock; converter integrated into luminaire housing; surface powder coated; high-quality reflector with micro-faceted, aluminum-vaporised surface; homogeneous wall or ceiling illumination through uniform light distribution; energy-efficient high power LEDs with very good colour rendering; luminaire for through wiring

FR Multi-Uplight mural apparent rectangulaire en alum. ; avec insert d'éclairage (1 lamp) / deux (2 lamps) / quatre (4 lamps) inserts d'éclairage ; corps de luminaire pouvant être monté sans outils sur la plaque de montage grâce à un système de verrouillage ; convertisseur intégré dans le corps de luminaire ; surface thermolaquée ; réflecteur de grande qualité avec surface à microfacettes, métallisée à l'aluminium ; éclairage homogène du mur ou du plafond par une distribution de lumière uniforme ; High-Power-LED à grande efficacité énergétique, très bon rendu des couleurs ; luminaire pour câblage continu

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 3 SDCM
up to 49lm/W
L90 @ 50 000 h
non DIM, DALI-2

Types



Colours



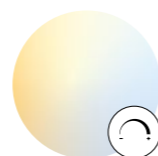
Light distribution



homogeneous ceiling illumination



safety glass for dust protection



tunable white 2700–5000 K

Order options

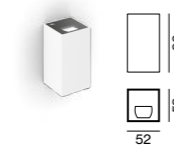
COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ traffic white RAL 9016	W
● white aluminium RAL 9006	G
● jet black RAL 9005	B

Options on request

COLOUR TEMPERATURE
tunable white 2700–5000 K
only available for 2 lamps and 4 lamps
DALI-2 DT8



UNICO wall surface



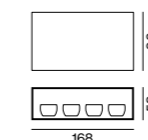
1 LAMP

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
5.9 W	240 lm	090-0L1::T001



2 LAMPS

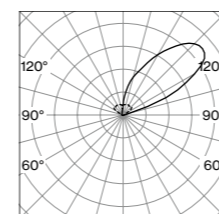
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
17.4 W	740 lm	090-0L2::T001



4 LAMPS

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
30.0 W	1380 lm	090-0L4::T001

Light distribution



microprismatic
direct/indirect power

LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector chrome 2700 K -6%, 4000 K +7%

Office
Visualisation



UNICO

wall recessed

EN Recessed wall luminaire in aluminium; installation without tools in mounting set (trimless or with trim) with ball catch system; installation possible in different housings; surface powder coated; incl. external converter; high-quality reflector with micro-faceted, aluminum-vaporised surface; different asymmetrical light distributions; installation optionally for floor or ceiling illumination; energy-efficient high power LEDs with very good colour rendering

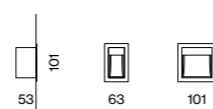
FR Luminaire mural encastré en alum. ; montage sans outil en kit de montage (sans bord ou avec bord continu) par système à déclic à bille ; encastrement possible dans différents boîtiers ; surface thermolaquée ; avec convertisseur externe ; réflecteur de grande qualité avec surface à microfacettes, métallisée à l'aluminium ; différentes répartitions de lumière asymétriques ; montage au choix pour l'éclairage du sol ou du plafond ; High-Power-LED à grande efficacité énergétique, très bon rendu des couleurs

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 3 SDCM
up to 53 lm/W
L90 @ 50 000 h
non DIM, DALI-2

Types

trim



trimless



Colours



Light distribution



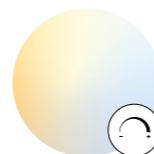
wide floor



homogeneous floor illumination



safety glass for dust protection



tunable white 2700–5000 K

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

LIGHT OPTIC

wide floor

MATERIAL COLOUR

- traffic white RAL 9016 W
 jet black RAL 9005 B

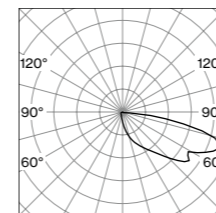
Options on request

COLOUR TEMPERATURE

tunable white 2700–5000 K

only available for 2 lamps | DALI-2 DT8

Light distribution



microprismatic
direct/indirect power

LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector chrome 2700 K -6%, 4000 K +7%



UNICO wall recessed



1 LAMP

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
7.3 W	340 lm	090-6L1::UB001



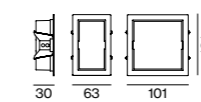
2 LAMPS

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
12.5 W	610 lm	090-6L2::UB001

Accessories

MOUNTING SET WITH TRIM

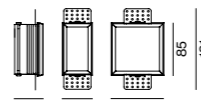
for intermediate ceilings 2–25 mm



TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
1 lamp	101-63-20	90-50	090-7L2020
2 lamps	101-101-30	90-50	090-7Q4020

TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12.5/15/20/25 mm



TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
1 lamp	88-50-47	90-50	090-7L20100
2 lamps	85-85-47	90-50	090-7Q40100

PRIMED CONCRETE MOUNTING SET

TYPE	L-W-H (mm)	ORDER CODE
primed concrete ceilings	240-400-130	052-1914320

order mounting set separately

EXPOSED CONCRETE MOUNTING SET

TYPE	ORDER CODE
1 lamp exposed concrete	090-6L10500
2 lamps exposed concrete	090-6L20600

order mounting set separately

Planning information

wide floor



Office
Visualisation



Hidden talent



SPIO

EN Round, recessed SPIO spotlights bring special lighting to your rooms. The luminaire provides an impressive lighting effect, trimless or with a trim. The housing can be painted over, allowing the spotlight to blend seamlessly into the ceiling. The small light aperture of 10 mm makes the SPIO itself appear almost hidden – but the equally effective and calm overall impression is anything but invisible. The round, recessed spotlight is available with beam angles of 35° or 44° and can be rotated 360° in the housing and pivoted 30° in all directions. These different lighting options mean that versatile designs for interiors are possible. SPIO is available in the light colours 2700K, 3000K, and 4000K.

FR Avec les spots ronds encastrés SPIO, faites preuve d'originalité dans l'éclairage de vos locaux. Ce luminaire produit un effet lumineux des plus impressionnants, sans bord ou avec bord continu. Le boîtier peut être puis peint, pour un spot qui se fond à merveille dans le décor du plafond. Son ouverture minimale – 10 mm seulement – pour la sortie de la lumière rend le SPIO quasi-invisible. Et pourtant ses effets, à la fois efficaces et apaisants, sont loin de passer inaperçus. Le spot rond encastré est proposé avec un angle de diffusion de 35° ou 44°. Il peut pivoter à 360° dans son boîtier et être orienté à 30° dans toutes les directions. Il offre ainsi une grande liberté d'aménagement de l'espace grâce aux nombreuses possibilités d'éclairage envisageables. SPIO est disponible dans les températures de couleur 2700K, 3000K et 4000K.

Type

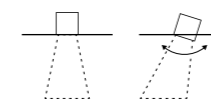


60

Mountings

trimless
recessedwith trim
recessed

Light distributions



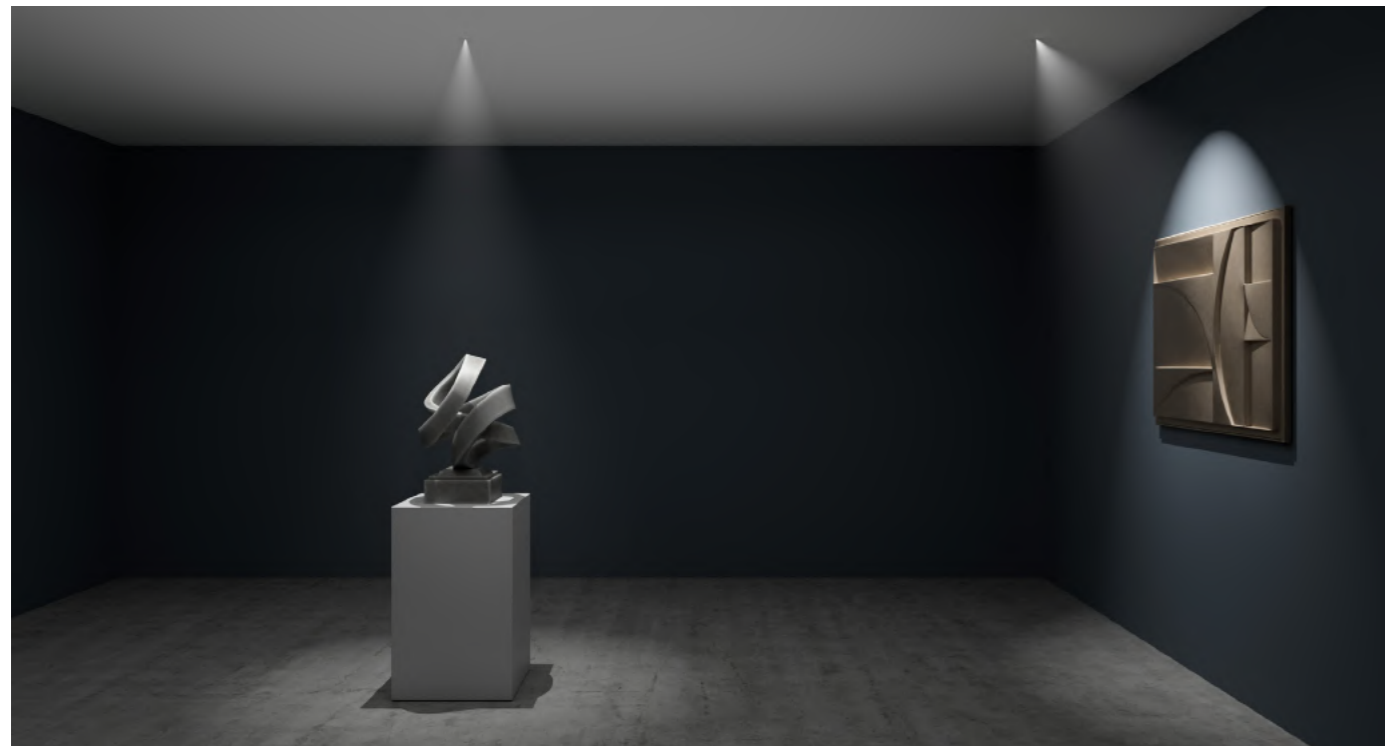
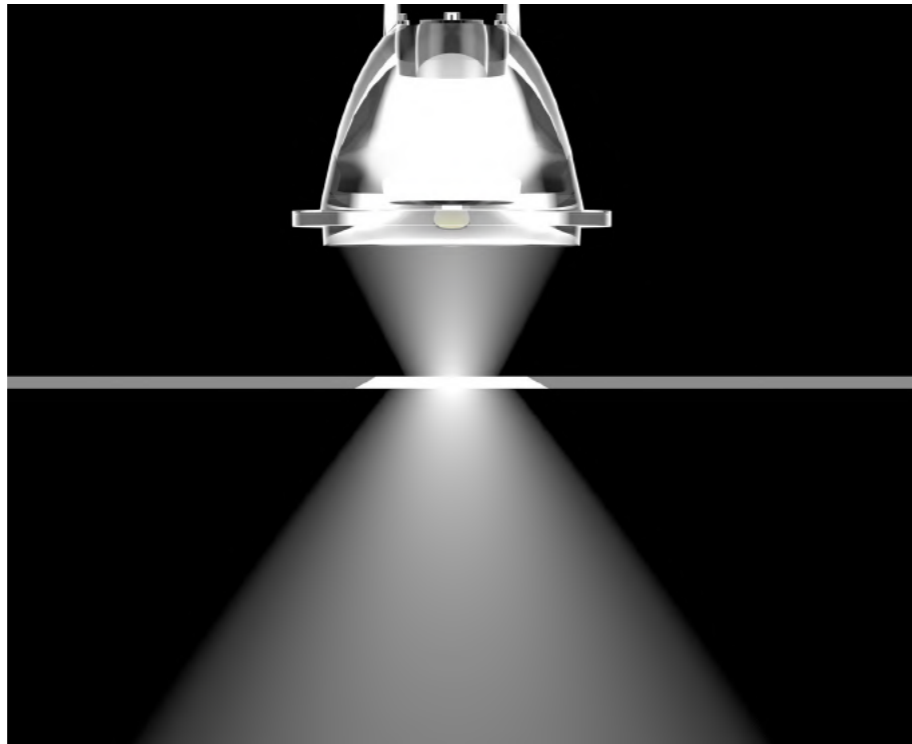
downlight

spotlight

High-efficiency lens

EN Large light output – almost unnoticed. SPIO has a special LFO lens, which is mounted at an exact distance from the light-emission surface, thus ensuring that no light beam appears on the inner surface of the housing. This reduces the light-emission surface, and SPIO illuminates the room almost unnoticed.

FR Un excellent rendu lumineux, sans se faire remarquer. SPIO est équipé d'une lentille LFO spéciale, qui est montée à une distance précise de la surface de sortie de la lumière. Ses dimensions sont spécialement étudiées pour éviter que le rayon lumineux n'apparaisse sur la surface intérieure du boîtier. La surface de sortie de la lumière est ainsi réduite et les SPIO éclairent la pièce de manière presque imperceptible.



Homogeneous appearance

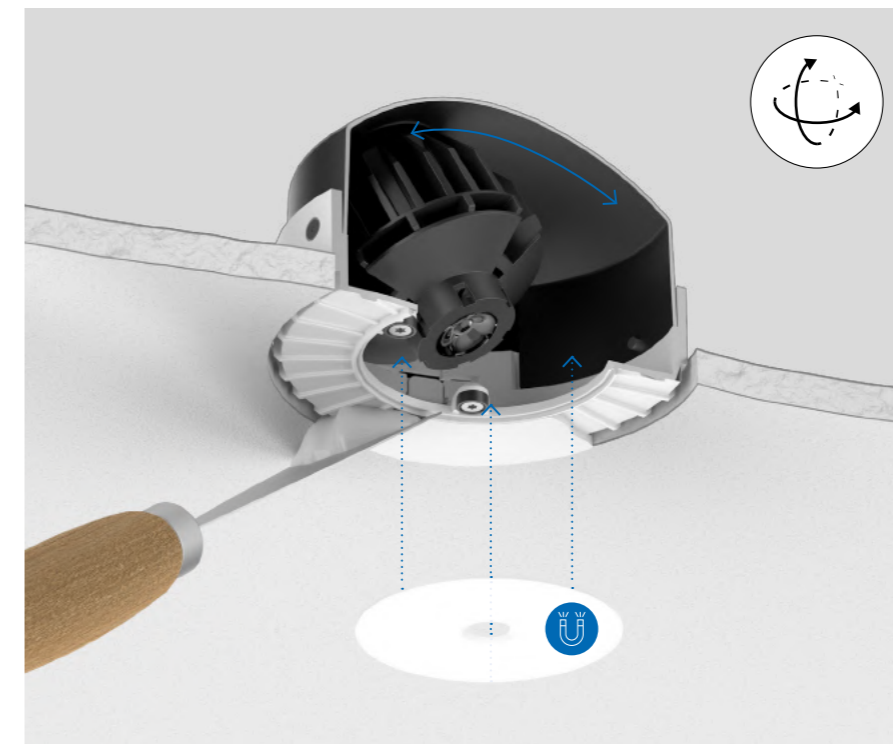
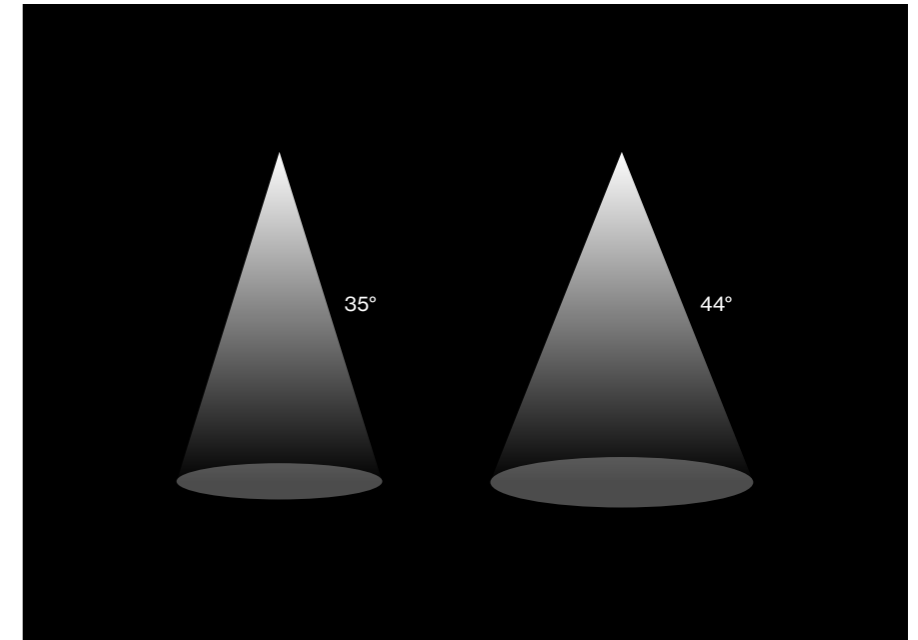
EN SPIO is the right choice for a uniform ceiling appearance. Thanks to its extremely small light aperture of 10 mm, the recessed spotlight appears almost invisible. The effective lighting is rounded off by its minimalist design language.

FR SPIO, le choix idéal pour un plafond d'aspect uniforme. Sa très petite ouverture – 10 mm seulement – de sortie de la lumière rend ce spot encastré quasi-invisible. Sa forme épurée vient parfaire l'effet lumineux ainsi obtenu.

Light distribution

EN Despite its small emission surface, the recessed spotlight achieves a beam angle of either 35° or 44°. SPIO thus provides glare-free light and skilfully stages objects.

FR Malgré une surface de sortie réduite, l'angle de rayonnement du spot encastré atteint tout de même les 35° ou 44° au choix. SPIO produit ainsi une lumière qui, sans jamais éblouir, met habilement en valeur les objets.



Precise light adjustment

EN The adjustable version of SPIO, patent pending, can be moved in all directions thanks to a magnetic plate. The spotlight can thus both be rotated 360° and pivoted up to 30° in all directions. As a result, it offers the greatest flexibility in directing and guiding light exactly where it is desired.

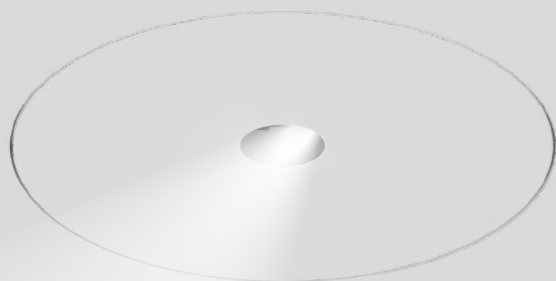
FR La version réglable de SPIO, en passe d'être brevetée, peut être déplacée dans toutes les directions grâce à une tête de spot magnétique. Ainsi, le spot peut non seulement pivoter à 360°, mais également être incliné jusqu'à 30° dans toutes les directions. Il offre donc une remarquable liberté d'orientation et de guidage de la lumière vers l'endroit précis où elle est attendue.

Smooth and invisible

EN The trimless SPIO version can easily be maintained and adjusted thanks to its magnetic cover. The spotlight is completely fitted into a plasterboard ceiling. The recessed housing and ceiling can subsequently be painted over. The spots thus appear "invisible", creating a homogeneous, effective overall impression.

FR La variante sans bord de SPIO est facile à entretenir et à ajuster grâce à la plaque de recouvrement magnétique. Le spot est entièrement encastré dans un plafond en placo-plâtre. Le boîtier d'encastrement peut ensuite être peint en même temps que le plafond de la pièce. Les spots paraissent ainsi « invisibles » – l'impression d'homogénéité obtenue est saisissante.

← back



reddot winner 2022



SPIO 60

recessed

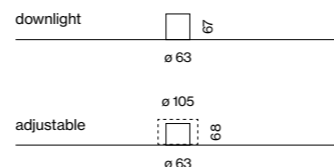
EN Round recessed spotlight in die-cast aluminium; installation without tools in mounting set with ball catch system or with magnetic attachment; for trimless installation in plasterboard ceilings; paintable cover; shadow joint between cover and mounting set optionally fillable; choice of adjustable or fixed symmetric radiation characteristic; high quality lens system; uncluttered ceiling look through recessed lighting level; reduced light-emitting surface (only ø10 mm); no multiple shadows; efficient LEDs with very good colour rendering

FR Spot rond encastrable en fonte d'aluminium injectée ; montage sans outil en kit de montage par système à dé clic à bille ou avec fixation magnétique ; pour encastr. sans bord en plâfend placoplâtre ; plaque de couverture peinturable ; joint creux entre la plaque de couv. et le kit de montage plâtrable en opt. ; caractéristiques de rayonnement au choix réglables ou fixes symétriques ; optique lentille de grande qualité ; plâfend harmonieux par luminaire en retrait ; surface de diffusion réduite (ø10 mm seulement) ; pas d'ombres multiples ; LED économes en énergie à restitution de couleur élevée

Quickinfo

2700 K, 3000 K
CRI ≥ 90, 2 SDCM
up to 60 lm/W
L80 @ 50 000 h
non DIM, DALI-2

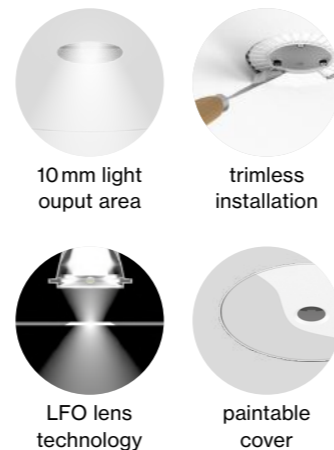
Types



Colour



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

MATERIAL COLOUR

traffic white RAL9016
paintable cover

BEAM ANGLE

flood 35°	F
wide flood 44°	W

Options on request

COLOUR TEMPERATURE	
4000 K	

CONCRETE HOUSING

primed concrete ceiling
exposed concrete ceiling



SPIO 60 downlight



DOWNLIGHT	LUMINOUS FLUX	ORDER CODE
INSET POWER 12.2 W 12 Vf 1050 mA	693 lm	0 4 8 - 1 5 1 0 :: 1 7 ▲

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm	ORDER CODE
COLOUR <input type="radio"/> traffic white RAL9016	0 4 8 - 2 6 9 6 1 1 7

MOUNTING SET WITH TRIM for intermediate ceilings 2-25 mm

COLOUR	ORDER CODE
<input type="radio"/> traffic white RAL9016	0 4 8 - 1 5 9 7 2 0 7
<input checked="" type="radio"/> jet black RAL 9005	0 4 8 - 1 5 9 7 2 0 8

SPIO 60 adjustable



ADJUSTABLE	LUMINOUS FLUX	ORDER CODE
INSET POWER 9.7 W 12 Vf 850 mA	582 lm	0 4 8 - 1 5 2 0 :: 1 7 ▲

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm	ORDER CODE
COLOUR <input type="radio"/> traffic white RAL9016	0 4 8 - 1 5 9 8 1 0 7

MOUNTING SET WITH TRIM for intermediate ceilings 2-25 mm

COLOUR	ORDER CODE
<input type="radio"/> traffic white RAL9016	0 4 8 - 1 5 9 7 1 0 7
<input checked="" type="radio"/> jet black RAL 9005	0 4 8 - 1 5 9 7 1 0 8

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
850 mA non DIM	η 85 %	147-44-22	0 0 2 - 9 0 7 8 5
850 mA DALI-2	η 85 %	147-44-22	0 0 2 - 9 0 7 8 6
1050 mA non DIM	η 85 %	147-44-22	0 0 2 - 9 0 7 8 7
1050 mA DALI-2	η 85 %	147-44-22	0 0 2 - 9 0 7 8 8

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48 V 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	36-88-59	0 0 5 - 6 1 2 1 0 3 0
2 x 42 W 48 V DC U _{OUT} 10-40 V		

for more details and components see page 981

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, lens flood 2700 K -5%

Private Residence
Visualisation



Private Residence
Visualisation



Spotlights behind the scene

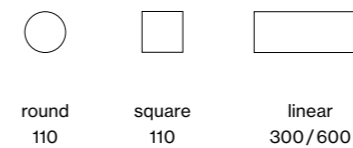


CAVO

EN CAVO embodies a new type of lighting system. The round, square, rectangular, or flexible installation system can be integrated flush in suspended ceilings. The spotlights can be positioned and connected almost anywhere using a patented magnet system while remaining discreetly in the background. The spots can be rotated and swivelled individually. The glowing variant offers decorative indirect lighting of the recessed housing, which backlights the spots and effectively de-locates the light points.

FR CAVO est l'incarnation d'un tout nouveau type de système d'éclairage. Le boîtier d'encastrement flexible de forme ronde, carrée ou rectangulaire s'encastre à fleur dans les plafonds suspendus. Grâce à un système magnétique breveté, les spots peuvent être positionnés et connectés quasiment partout – tout en restant discrètement en arrière-plan. Les spots peuvent pivoter et être inclinés individuellement ; la variante Glowing produit en outre un éclairage indirect décoratif du boîtier d'encastrement, qui assure le rétroéclairage des spots et permet de mettre les points lumineux en retrait – l'effet ainsi obtenu est des plus réussis.

Types

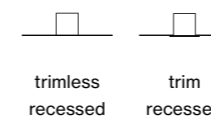


round
110

square
110

linear
300/600

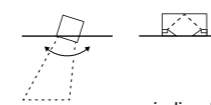
Mountings



trimless
recessed

trim
recessed

Light distributions



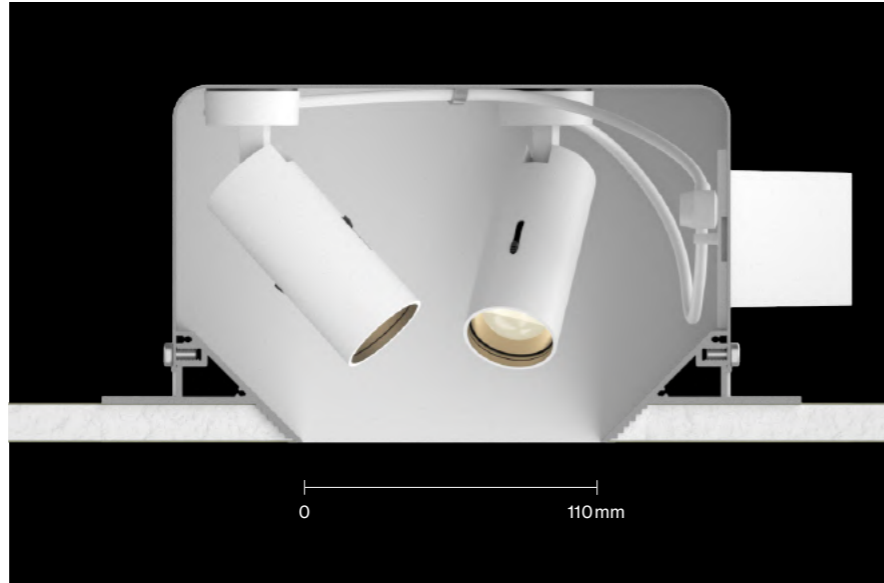
spotlight

indirect
glowing light

Works invisibly

EN CAVO spotlights are mounted without tools and magnetically fixed, discreetly concealing the light source in the housing. The recessed light point plane also provides ample glare control.

FR Les spots CAVO se montent sans outil et se fixent magnétiquement, de sorte que la source de lumière est discrètement cachée dans le boîtier. Le niveau du point lumineux en retrait apporte également un bon effet anti-éblouissement.



Glowing effect

EN CAVO Glowing is a variant with powerful indirect lighting. Light insets, which are placed inside the box and the housing channel, illuminate from within. This creates subtle, decorative indirect light in the channel, complementing the directional light.

FR CAVO Glowing est une variante avec un éclairage indirect plein d'effets. De propres inserts d'éclairage dans le boîtier ou dans le canal du boîtier l'éclairent de l'intérieur. On obtient ainsi une lumière indirecte discrète et décorative dans le canal, ce qui complète la lumière orientée.



Magnetic attachment

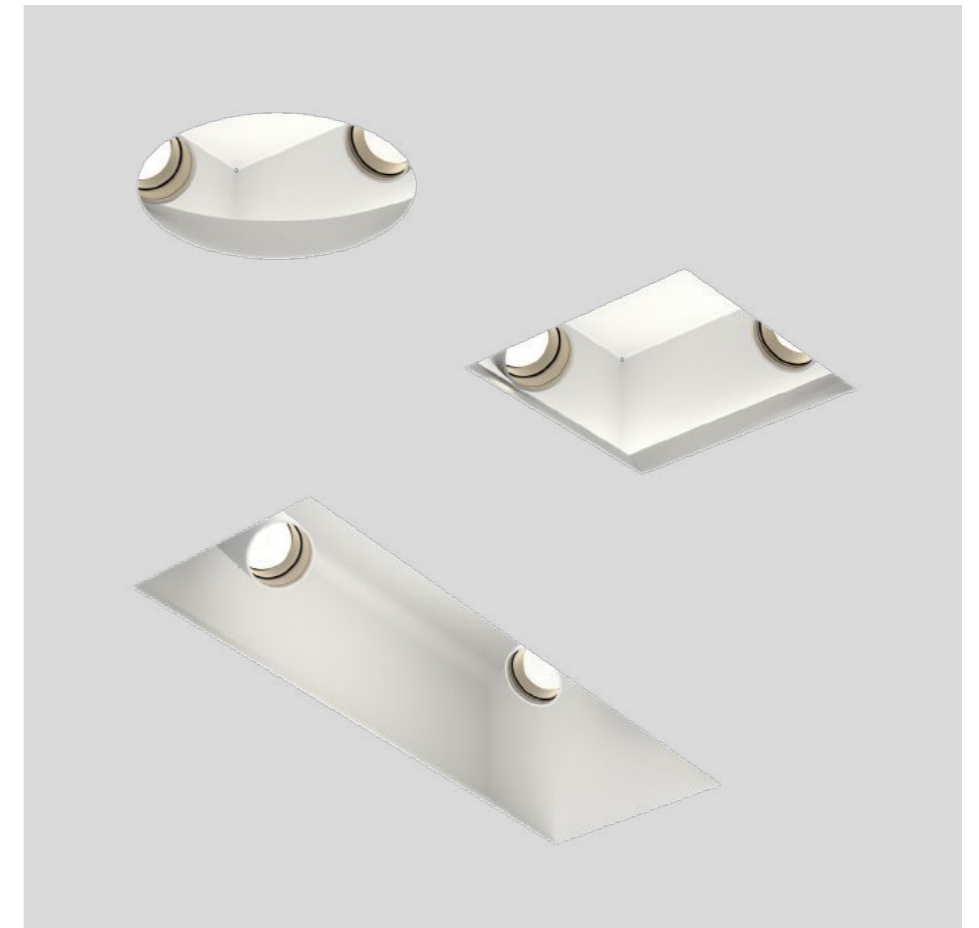
EN CAVO spotlights are easy to rotate and swivel and can be repositioned and rearranged according to requirements, providing maximum mobility and light exactly where it is needed. The magnet system repositions each spotlight within the housing with just one touch.

FR La plus grande mobilité et l'éclairage exactement là où on en a besoin : les spots CAVO sont facilement orientables et inclinables, de sorte qu'ils peuvent être repositionnés et disposés selon les besoins. Grâce à un système magnétique, chaque spot peut être repositionné dans le boîtier en un seul geste.

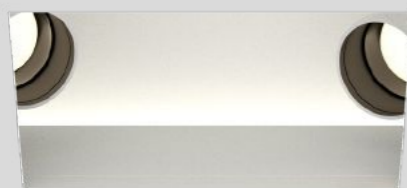
Variety

EN The individual housing is directly attached to the bare ceiling. As a single luminaire, CAVO has four different recessed housings (round, square, or rectangular in two lengths), which can be arranged with up to six spotlights.

FR Le boîtier individuel est fixé à même le plafond brut. En version luminaire seul, CAVO est proposé avec quatre boîtiers d'encastrement distincts (rond, carré ou rectangulaire dans deux longueurs) qui peuvent être agencés avec un maximum de six spots.



← back



CAVO round/square

recessed

EN Recessed housing made of pressed steel sheet for flush installation in plasterboard ceilings, underside of aluminium-reinforced plaster; alternatively with round or square cut-out; no break-out of edges; 3 cylindrical spotlight heads can be installed without tools by means of magnetic holders; simple electrical connection of the spotlights due to non-reversible plug and play connection; housing and spotlights powder coated; optionally: indirect light component in housing; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering; good glare reduction due to recessed light point plane; high quality lens system; precise radiation characteristic; optical attachments as accessories; hot plug protection

FR Boîtier en tôle d'acier pour encastrement sans bord dans plafonds en plaques de plâtre, dessous en plâtre renforcé à l'alu ; au choix avec section ronde ou carrée ; arêtes non chanfreinées ; poss. d'intégrer sans outil 3 têtes de spot cyl. au moyen de fixations magnétiques ; branchement électr. simple des spots par Plug & Play sans risque d'inversion de polarité ; boîtier et spot thermolaqués ; en option : part de lumière indirecte dans le boîtier ; Technologie COB pour efficacité max. ; pas d'ombres multiples ; LED éco à rendu de couleur élevé ; bon anti-éblouissement grâce aux points lum. en retrait ; optique lentille de qualité ; caract. de rayonnement précise ; élém. optiques comme accessoires ; protection Hot Plug

Quickinfo

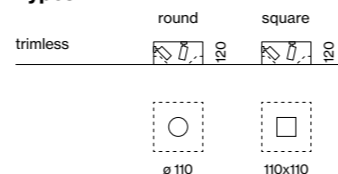
2700 K, 3000 K
CRI ≥ 90, 2 SDCM
DALI-2

L80 @ 50 000 h
mounting housing with glowing

L90 @ 50 000 h
JUST 45 up to 69lm/W

L95 @ 50 000 h
JUST 32 focus up to 3x54 lm/W

Types



Housing colours



Inset colours



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

CONTROL

DALI-2

INSET COLOUR

<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> jet black RAL 9005	8
<input type="radio"/> gold dust RAL 260-M	9

HOUSING COLOUR

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

BEAM ANGLE

medium 23°	M
flood 44°	F

Options on request

OPTICAL ACCESSORIES

elliptical sculpture foil
snoot
colour filter (red, blue, green, etc.)
only for JUST 32 focus



magnetic holders for tool-free mounting

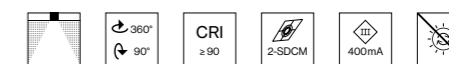


optical accessories

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, lens medium 2700 K -5%



JUST 32 focus 17-43°

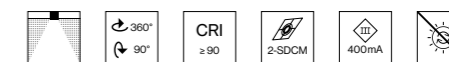


SPOTLIGHT

INSET POWER	LUMINOUS FLUX	ORDER CODE
4.6 W	250 lm	0 4 9 - 8 2 1 1 :: 3 ▽

not for single use

JUST 45



SPOTLIGHT

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.8 W	640 lm	0 4 9 - 8 3 0 2 :: 3 ▽

Mounting accessories

MOUNTING HOUSING 1 DALI-2 address

for trimless installation in plasterboard ceilings 8-25 mm

TYPE	L-W-H (mm)	ORDER CODE
round 3 spots (4.5 kg)	260-260-120	0 4 9 - 8 8 0 3 0 3 ▽
square 3 spots (4.5 kg)	260-260-120	0 4 9 - 8 8 1 3 0 3 ▽

incl. power supply 220-240 V AC, 50-60 Hz, PC I, ENEC approved

MOUNTING HOUSING WITH GLOWING (3000 K) 2 DALI-2 addresses

for trimless installation in plasterboard ceilings 8-25 mm

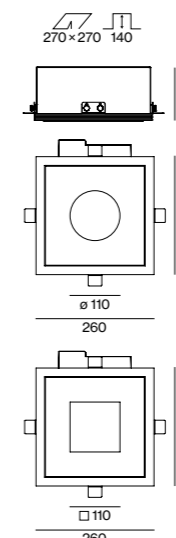
TYPE	L-W-H (mm)	ORDER CODE
round 3 spots (4.5 kg)	260-260-120	0 4 9 - 8 8 2 3 5 3 7
square 3 spots (4.5 kg)	260-260-120	0 4 9 - 8 8 3 3 5 3 7

incl. power supply 220-240 V AC, 50-60 Hz, PC I, ENEC approved

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
JUST 32 focus	30-4	0 0 7 - 1 9 6 5 1 6 8
JUST 45	42-3	0 0 7 - 1 9 6 5 1 8 8



Freigeist Brauquartier
Graz, AT – by FIPE ARCHITECTURE
with lighting design by Eugen Schöberl



← back



CAVO linear

recessed

EN Installation housing in pressed steel sheet with rectangular cut-out; for trimless installation in plasterboard ceilings; special edge design with perforations for better adhesion of filler; or with trim; 3 or 6 cylindrical spotlight heads can be installed without tools by means of magnetic holders; simple electrical connection of the spotlights due to non-reversible plug and play connection; housing and spotlights powder coated; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering; good glare reduction due to recessed light point plane; high quality lens system; precise radiation characteristic; optical attachments as accessories; hot plug protection

FR Boîtier d'encastrement en tôle d'acier avec découpe rectangulaire; pour encastr. sans bord en plafond placoplâtre; formation de bords spéciaux avec des trous pour meilleure adhérence du l'enduit; ou avec bord continu; possibilité d'intégrer sans outil 3 ou 6 têtes de spot cylindriques au moyen de fixations magnétiques; branchement électrique simple des spots par connexion Plug & Play sans risque d'inversion de polarité; boîtier et spot thermolaqués; Technologie COB (Chip on Board) pour efficacité maximale; pas d'ombres multiples; LED économes en énergie à restitution de couleur élevée; bon anti-éblouissement grâce aux points lumineux en retrait; optique lentille de grande qualité; caractéristique de rayonnement précise; éléments optiques comme accessoires; protection Hot Plug

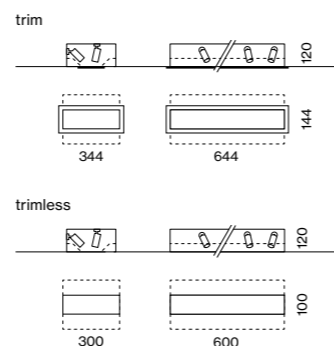
Quickinfo

2700 K, 3000 K
CRI ≥ 90, 2 SDCM
DALI-2

L90 @ 50 000 h
JUST 45 up to 6×69 lm/W

L95 @ 50 000 h
JUST 32 focus up to 6×54 lm/W

Types



Housing colours



Inset colours



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

CONTROL
DALI-2

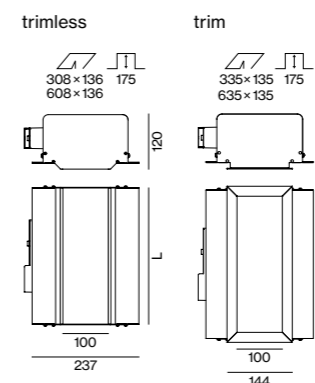
INSET COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8
● gold dust RAL 260-M	9

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

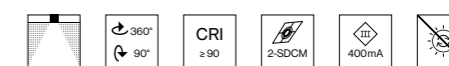
BEAM ANGLE	
medium 23°	M
flood 44°	F

Options on request

OPTICAL ACCESSORIES
elliptical sculpture foil
snoot
colour filter (red, blue, green, etc.)
only for JUST 32 focus

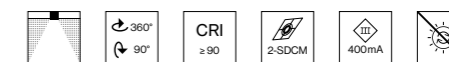


JUST 32 focus 17-43°



SPOTLIGHT	INSET POWER	LUMINOUS FLUX	ORDER CODE
	4.6 W	250 lm	049-82113
not for single use			

JUST 45



SPOTLIGHT	INSET POWER	LUMINOUS FLUX	ORDER CODE
	8.8 W	640 lm	049-83023

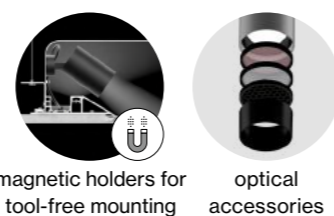
Mounting accessories

TRIMLESS MOUNTING HOUSING			
for trimless installation in plasterboard ceilings 12.5 mm			
TYPE	L-W-H (mm)	ORDER CODE	
for 3 spots (▲ 2.4 kg), 1 DALI	308-252-120	049-884303	
for 6 spots (▲ 3.6 kg), 2 DALI	608-269-120	049-884603	
incl. power supply 220-240 V AC, 50-60 Hz, Ⓢ PC I, ENEC approved			

MOUNTING HOUSING WITH TRIM			
for intermediate ceilings 12.5 mm			
TYPE	L-W-H (mm)	ORDER CODE	
for 3 spots (▲ 2.7 kg), 1 DALI	344-254-120	049-885303	
for 6 spots (▲ 4.7 kg), 2 DALI	644-271-120	049-885603	
incl. power supply 220-240 V AC, 50-60 Hz, Ⓢ PC I, ENEC approved			

Optical accessories

HONEYCOMB LOUVER		
TYPE	Ø-H (mm)	ORDER CODE
JUST 32 focus	30-4	007-1965168
JUST 45	42-3	007-1965188



magnetic holders for tool-free mounting

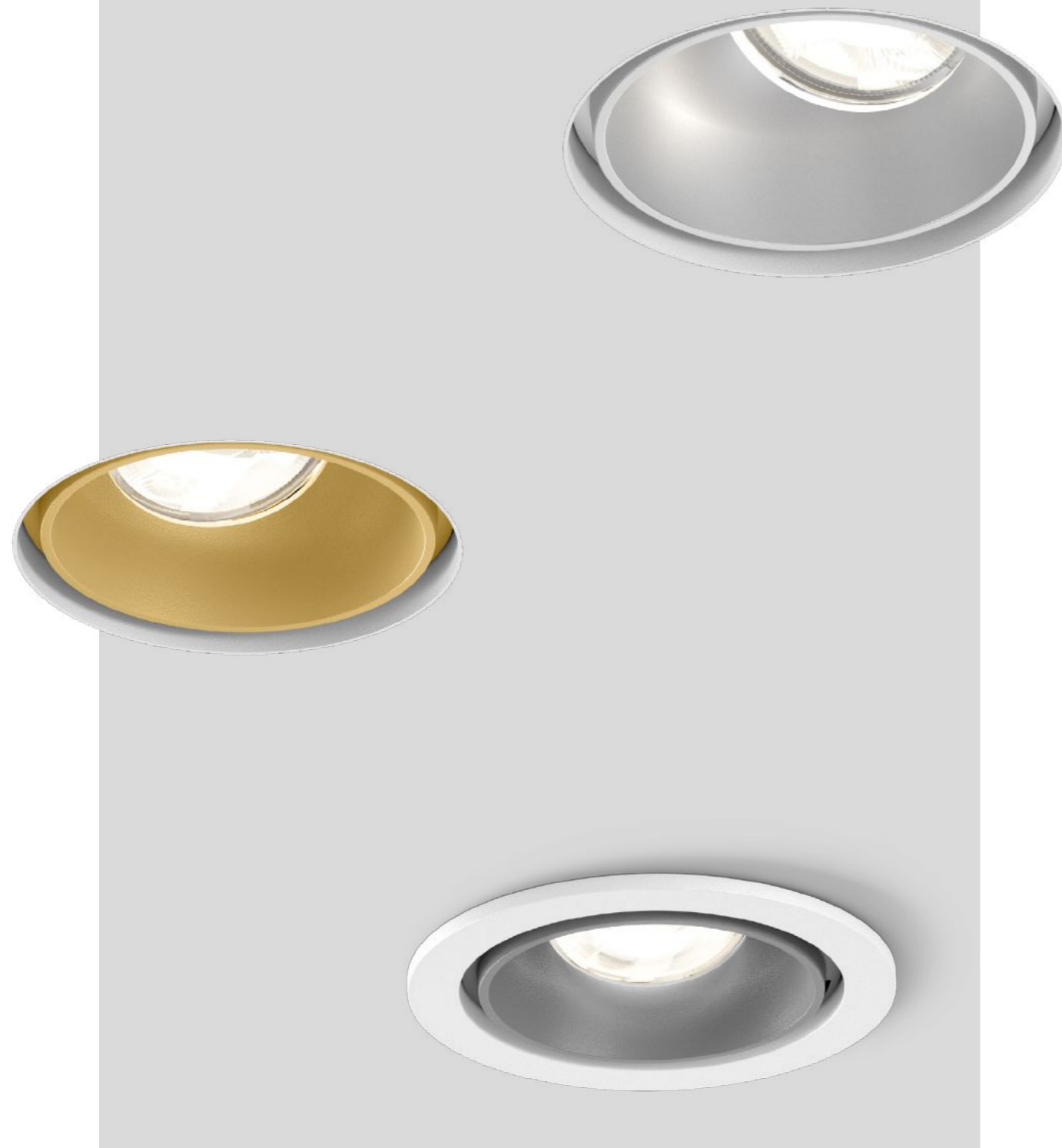
optical accessories

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, lens medium 2700 K -5%

Boutique Frame Moscow, RU –
by Architectural Group Method with
lighting design by KA2 Light Architecture



Combine with your design



SASSO

EN SASSO is a glamorous lighting solution for extravagant interior concepts regardless of how it is used. The versatile spotlight series is available as a recessed, semi-recessed, ceiling- or wall-mounted, or suspended version. Choose between round or square versions, as well as single or double-lamp spotlights in some versions. To ensure the spot fits harmoniously into the overall design, it is available in many colours. The housing colours white, black, and silver can be optimally combined with a selection of differently coloured insets. SASSO is available with different light distribution characteristics – either as spotlight, downlight, wallwasher, or wallwasher floor. In addition, sensors or emergency insets are optionally available. The series is characterised by an excellent colour rendering up to $\text{CRI} \geq 95$ (2-SDCM) in all light colours: 2700K, 3000K, 4000K, or Colour Warm Dimming.

FR Quelle que soit la manière dont elle est utilisée, SASSO est une solution d'éclairage pleine de glamour pour des concepts intérieurs extravagants. Cette série diversifiée de spots est disponible en de nombreuses variantes : encastrée, semi-encastrée, montée au plafond ou au mur ainsi qu'en version suspendue. Vous avez également le choix entre des versions rondes ou carrées. Afin de permettre une insertion harmonieuse de ce spot dans une conception d'ensemble, il est disponible en plusieurs teintes – et les couleurs blanche, noire, argent et or du boîtier peuvent être parfaitement combinées avec un large éventail de réflecteurs de diverses couleurs. Grâce à son optique à lentille de haute qualité, SASSO émet une lumière orientée avec précision, au choix comme Spotlight, Downlight, Wallwasher ou Wallwasher Floor. Dans toutes les température de couleurs - 2700K, 3000K et 4000K ou Colour Warm Dimming– cette série se caractérise de plus par un excellent rendu des couleurs avec un $\text{CRI} \geq 90$.

Types

40 round 1 lamp	60 round 1 lamp	60 round 2 lamps	60 square 1 lamp	60 square 2 lamps	100 round 1 lamp	100 round 2 lamps	100 square 1 lamp	100 square 2 lamps

Mountings

trimless recessed	with trim recessed	semi- recessed	ceiling	suspended	wall

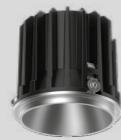
Light distributions

downlight	sensor	spotlight	wallwasher	floor wallwasher	emergency light	direct (only wall)	direct/indirect (only wall)

SASSO recessed

Light engines

SASSO 40
round
adjustable/
downlight



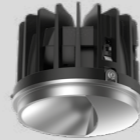
SASSO 40
round
wallwasher /
wallwasher floor



SASSO 60
round
adjustable/
downlight



SASSO 60
round
wallwasher /
wallwasher floor



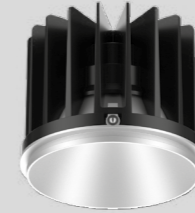
SASSO 60
square
downlight



SASSO 60
square
wallwasher /
wallwasher floor



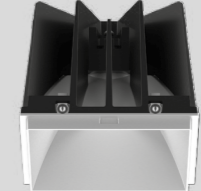
SASSO 100
round
adjustable/
downlight



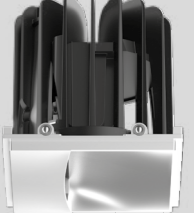
SASSO 100
round
wallwasher /
wallwasher floor



SASSO 100
square
adjustable/
downlight



SASSO 100
square
wallwasher /
wallwasher floor



INSET POWER
LUMINOUS EFFICACY
LUMINOUS FLUX
COLOUR TEMPERATURE
BEAM ANGLE
IP RATING

7.4W
up to 84lm/W
up to 624lm
2700, 3000, 4000K
14°, 27°, 45°
‡ IP40 / † IP20 (adj.)
‡ IP44 / † IP20 (dl.)

6.8W
up to 97lm/W
up to 659lm
2700, 3000, 4000K
asymmetric
IP20

10.7W
up to 107lm/W
up to 1150lm
2700,3000,4000K,CWD
15°, 21°, 42°
‡ IP40 / † IP20 (adj.)
‡ IP44 / † IP20 (dl.)

8.2W
up to 89lm/W
up to 726lm
2700, 3000, 4000K
asymmetric
IP20

10.7W
up to 110lm/W
up to 1180lm
2700,3000,4000K,CWD
15°, 21°, 42°
‡ IP44 / † IP20

8.2W
up to 89lm/W
up to 726lm
2700, 3000, 4000K
asymmetric
IP20

17.2W, 25W
up to 116lm/W
up to 2630lm
2700, 3000, 4000K
19°, 34°, 45°, 65°
‡ IP40 / † IP20 (adj.)
‡ IP44 / † IP20 (dl.)

25W, 23.4W
up to 120lm/W
up to 2810lm
2700, 3000, 4000K
asymmetric
IP20

17.2W, 25W
up to 116lm/W
up to 2640lm
2700, 3000, 4000K
19°, 34°, 45°, 65°
‡ IP40 / † IP20 (adj.)
‡ IP44 / † IP20 (dl.)

25W, 23.4W
up to 120lm/W
up to 2810lm
2700, 3000, 4000K
asymmetric
IP20

MATERIAL COLOUR

matt silver, white,
black, gold

matt silver, white,
black, gold

matt silver, white,
black, gold

matt silver, white,
black, gold

matt silver, white,
black, gold

matt silver, white,
black, gold

matt silver, white,
black, gold

matt silver, white,
black, gold

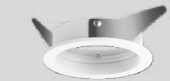
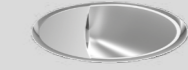
matt silver, white,
black, gold

matt silver, white,
black, gold

Mounting accessories



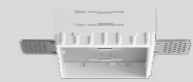
round trimless
for plasterboard ceilings 12.5/15/25 mm



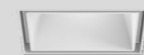
round with trim | 1 lamp
for intermediate ceilings 2-25 mm



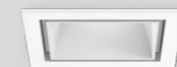
round with trim | 2 lamps
for intermediate ceilings 2-25 mm



square trimless
for plasterboard ceilings 12.5/15/25 mm

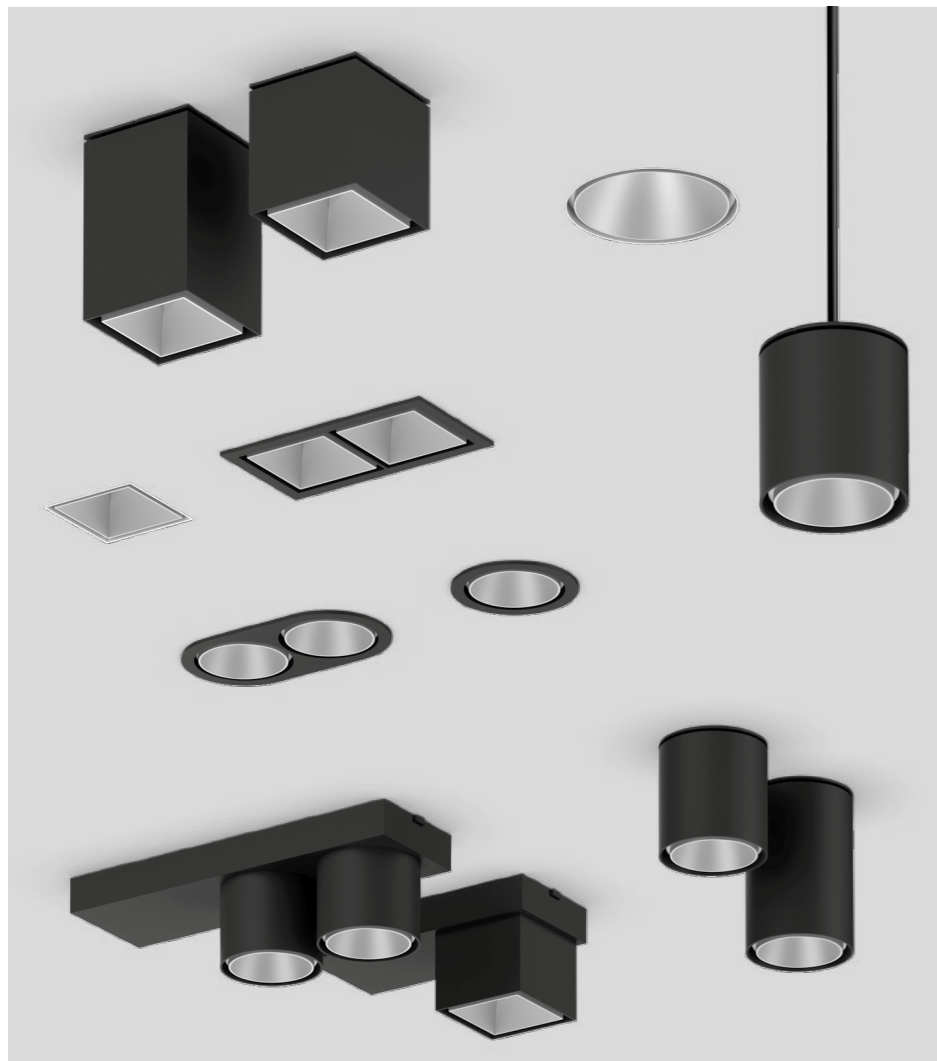


square with trim | 1 lamp
for intermediate ceilings 2-25 mm



square with trim | 2 lamps
for intermediate ceilings 2-25 mm





Variety

EN SASSO can be integrated into any lighting design concept. The spotlights are available as recessed, semi-recessed, wall and ceiling mounted variants, as single or dual-lamp spotlights in an elegant base, or as suspended versions. Depending on the interior design, choose between round or square luminaires and the recessed set with or without trim.

FR SASSO s'intègre dans tout concept de planification d'éclairage. Les spots sont disponibles sous forme encastrable ou semi-encastrable, peuvent être montés au mur comme au plafond en tant que projecteurs à une ou deux lampes dans un boîtier élégant, ou peuvent être suspendus. Selon l'aménagement intérieur, vous avez le choix entre un set de montage rond ou carré, avec ou sans bord.

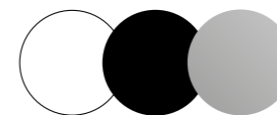
Colour variety

EN SASSO is available in many different colour variations to complement custom designs and colour concepts. The select housing colours (white, black, and silver) combine beautifully with silver, white, black, or gold insets, delivering a harmonious, high-quality overall design.

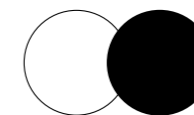
FR Pour s'adapter aux différentes conceptions et aux divers souhaits de couleurs, SASSO est disponible en plusieurs couleurs. Les couleurs spéciales du boîtier (blanc, noir, argent et or) se combinent parfaitement avec des inserts de couleur argent, blanc, noir, or ou cuivre : le résultat est une esthétique globale harmonieuse et de grande qualité.



Housing colours



SASSO 60/100 recessed



SASSO 40 recessed
SASSO 60/100 semi-recessed/
ceiling / suspended / wall

Inset colours



Precise light adjustment

EN A patented swivel mechanism offers the highest possible flexibility. The spotlight can be rotated through 360° and swivelled up to 30° around the horizontal axis. This enables light to be directed precisely where it is needed.

FR Un mécanisme pivotant breveté offre une flexibilité maximale. Le spot peut non seulement tourner à 360°, mais il peut aussi pivoter de 30° autour de l'axe horizontal. Cela permet une orientation précise de la lumière afin qu'elle arrive exactement là où on le souhaite.



Low recess depth

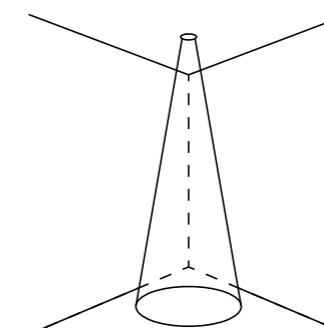
EN SASSO 40 complements XAL's SASSO product family with a small, flexible spotlight that is particularly impressive due to its low height. This makes it an ideal lighting solution for ceiling constructions with an unusually low installation depth.

FR SASSO 40 élargit la gamme de produits SASSO de XAL avec un petit spot souple qui séduit surtout par sa faible hauteur. Cela en fait une solution d'éclairage idéale pour les constructions au plafond avec une profondeur d'installation particulièrement faible.

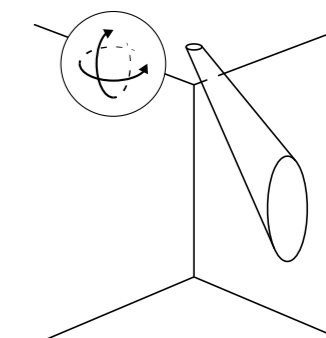
Light distributions

EN SASSO has four optics and thus fulfils all the fundamental functions of your lighting concept. Vertical lighting is provided by downlights with different beam angles; wallwasher and wall-floor optics provide extensive wall and floor illumination; the adjustable spotlight sets accents. If the functional area changes, the optics in the luminaire housing can be simply replaced without tools.

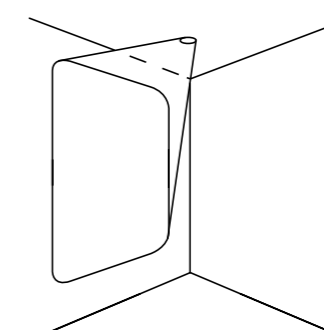
FR SASSO dispose de quatre optiques et assume ainsi toutes les fonctions de base de votre concept d'éclairage. L'éclairage vertical est obtenu par des downlights avec différents angles de rayonnement, les optiques wallwasher et wall-floor permettent un éclairage de murs et de sols sur de grandes surfaces, le spot directionnel accentue des points particuliers. Lorsque la zone fonctionnelle change, l'optique dans le boîtier du luminaire peut facilement être changée, et ce sans outil.



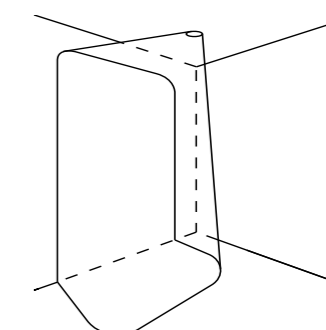
SASSO 60 downlight



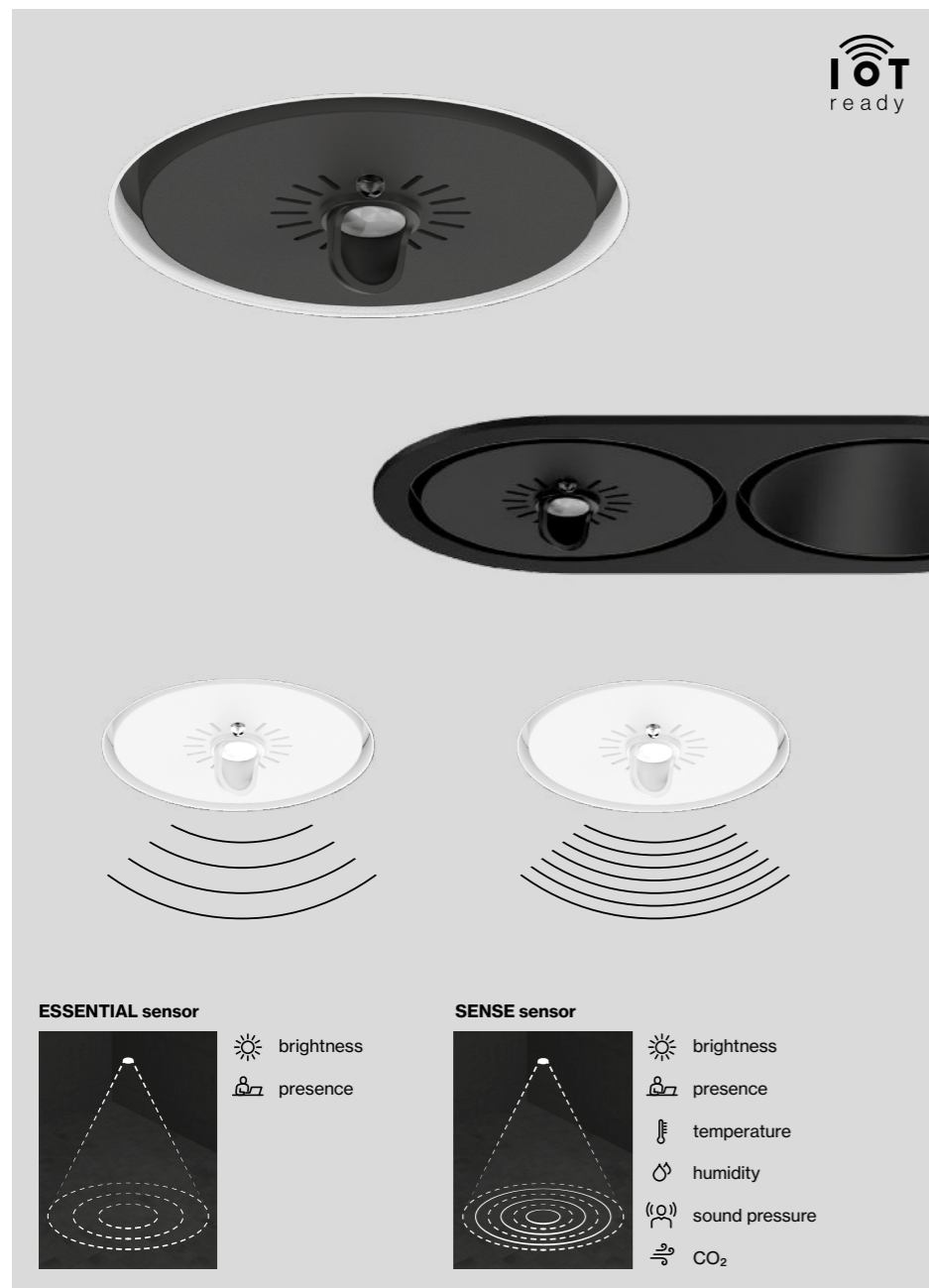
SASSO 60 adjustable



SASSO 60 wallwasher



SASSO 60 wallwasher floor



Smart lighting

EN Special sensors expand the SASSO round recessed product family with smart lighting control and collection of insightful data. The ESSENTIAL sensor enables dynamic adjustment of the lighting to ambient brightness and room activity. The SENSE version also measures values such as temperature, air quality, humidity and noise level. These data not only provide important insights into the ambient conditions and use of rooms, but also support energy savings in the long term.

FR Les capteurs spéciaux étoffent la gamme de produits SASSO round recessed d'une commande d'éclairage intelligente et de la collecte de données précieuse. Le capteur ESSENTIAL permet une adaptation dynamique de l'éclairage 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. Autant de renseignements importants sur les conditions ambiantes et l'utilisation des locaux, qui favorisent en outre les économies d'énergie à long terme.

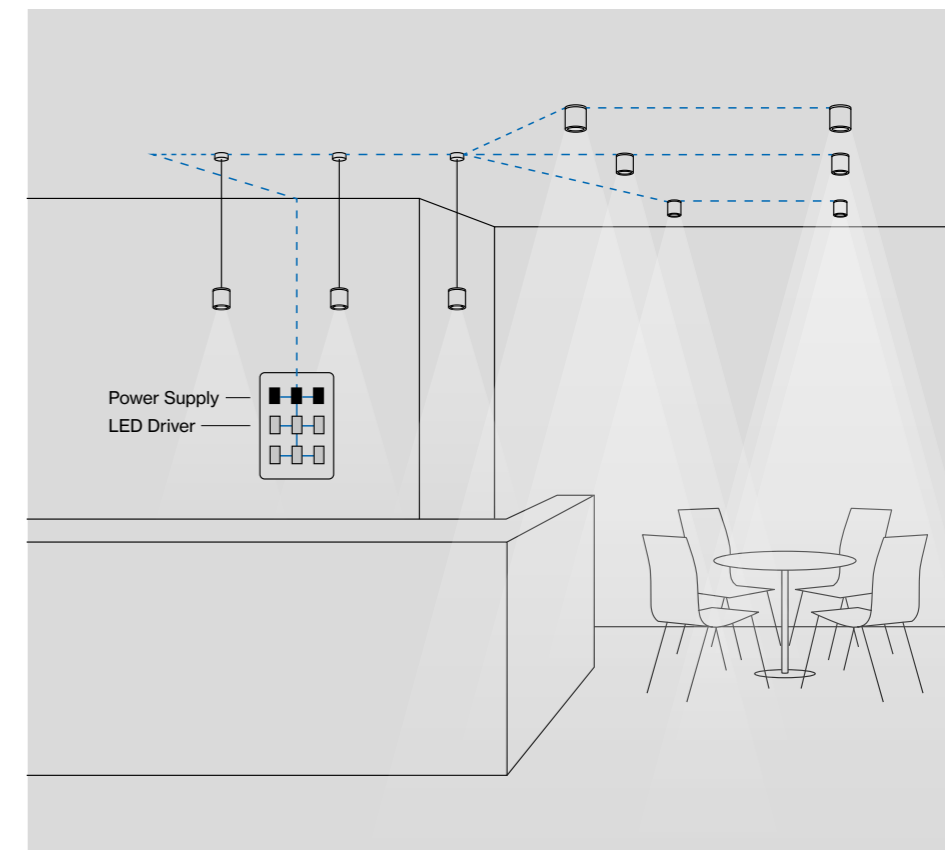
DIN Rail (DALI)

EN The DIN Rail driver centralises the power supply of several spotlights. This simplifies both the installation and maintenance of a lighting system: drivers no longer have to be installed in false ceilings, but are located collectively in a control cabinet.

More information on page 981.

FR Le convertisseur DIN Rail centralise l'alimentation électrique de plusieurs spots. Tant l'installation que l'entretien du système d'éclairage s'en trouvent simplifiés : il n'est plus nécessaire d'installer les convertisseurs dans les faux plafonds, puisqu'ils sont désormais regroupés dans une armoire de commande.

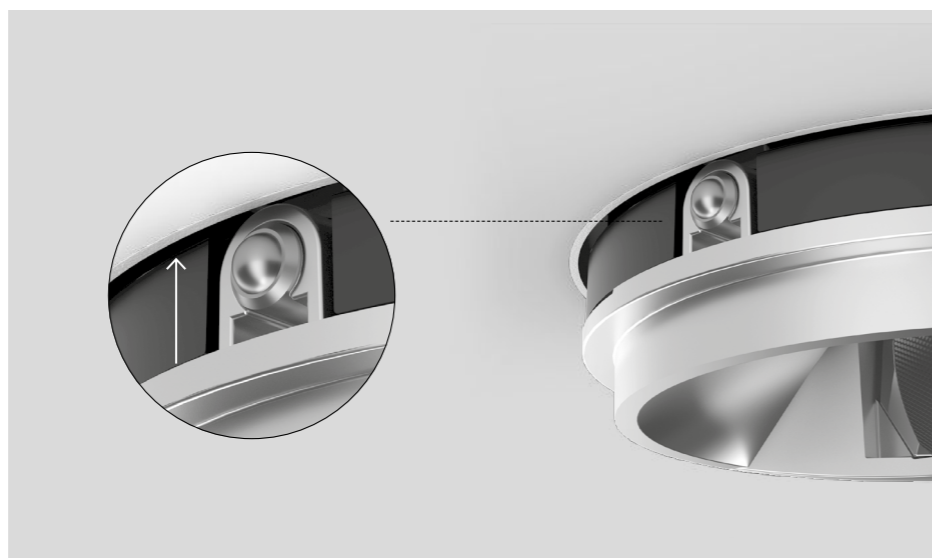
Plus de renseignements à la page 981



Ball catch system

EN SASSO spots are easy to replace. Assembly is quick and entirely without tools, thanks to a ball catch system. The lighting thus always adapts flexibly to new requirements and circumstances.

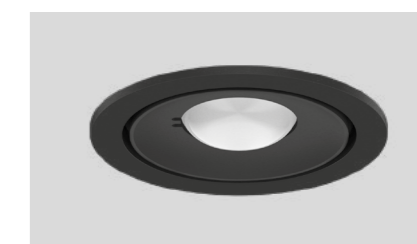
FR Les spots SASSO sont faciles à changer : leur installation est rapide et totalement sans outil grâce à un système d'encliquetage à billes. Ainsi, l'éclairage s'adapte toujours avec souplesse aux nouvelles contraintes et circonstances.



CWD – Colour Warm Dimming

EN Warm light quality with reduced illuminance. Colour Warm Dimming reduces the light intensity while continuously changing the colour temperature between 3000K and 1800K. The function supports, for example, the change between cosy restaurant lighting during the day and a relaxing lighting mood in the evening.

FR Une qualité de lumière chaude avec une intensité d'éclairage réduite : Colour Warm Dimming réduit l'intensité lumineuse tout en modifiant la température de couleur en continu entre 3000K et 1800K. Cette fonction permet par exemple le passage entre un confortable éclairage de restaurant au cours de la journée et un éclairage d'ambiance détendu dans la soirée.



Emergency light

EN The round emergency light inset can be easily added to a lighting system without tools. The battery life is three hours – that's how long the inset can be disconnected from the power supply. It is available in three versions: BASIC provides for functional checking at the push of a button, SELF-TEST indicates functionality by means of a status LED, and in the PRO variant the status can be called up via DALI.

FR L'ajout à une installation d'éclairage d'un module d'éclairage de secours rond peut être effectué sans outil, en toute simplicité. La batterie a une autonomie de 3 heures, période durant laquelle l'insert peut rester déconnecté de l'alimentation électrique. Il est disponible en trois variantes : BASIC permet la vérification du statut via un bouton, SELF-TEST indique la fonctionnalité au moyen d'un témoin à LED et dans la variante PRO, le statut peut être consulté via DALI.

← back



SASSO 40 round

recessed



EN Round recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: precise radiation characteristic due to high quality lens system; variants with asymmetric radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering

FR Spot rond encastrable ; montage sans outil en kit de montage (sans bord ou avec bord continu) par système à déclic à bille ; surface laquée ; encastrement possible dans différents boîtiers ; au choix de l'orientation / symétrique boîtiers ; variantes à rayonnement sym. : caractéristiques de rayonn. précises grâce à l'optique à lentille ; variantes à rayonnement asymétrique : réflecteur de grande qualité avec surface à microfacettes, métallisée à l'aluminium ; technologie COB (Chip on Board) pour efficacité maximale (ADJUSTABLE et DOWNLIGHT) ; pas d'ombres multiples ; LED économes en énergie à restitution de couleur élevée

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
up to 97 lm/W
L80 @ 50 000 h
non DIM, DALI-2
↓ IP 44 / ↑ IP 20

Types

trim  
ø 44-51

trimless  
ø 48

Housing colours



Inset colours



Light distributions



Order options

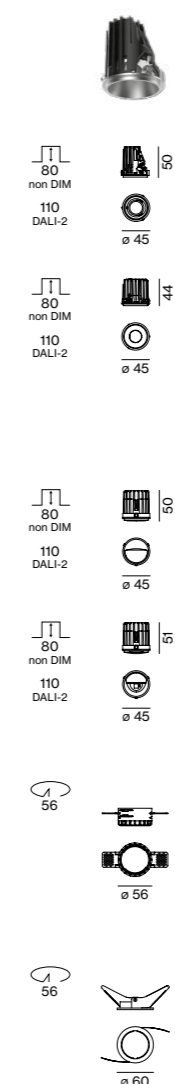
COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	
spot 14°	S
medium 27°	M
flood 45°	F

Options on request

POWER SUPPLY
DIM 1–10 V



SASSO 40 round

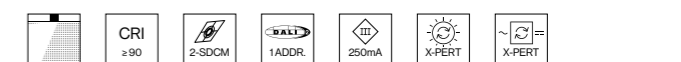


ADJUSTABLE (↓ IP 40 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
7.4 W 36 Vf 200 mA	624 lm	0 4 8 - 2 8 2 0 :: 1 ▽ ▲

DOWNLIGHT (↑ IP 44 / ↓ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
7.4 W 36 Vf 200 mA	624 lm	0 4 8 - 2 8 0 0 :: 1 ▽ ▲



WALLWASHER (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
6.8 W 27 Vf 250 mA	605 lm	0 4 8 - 2 8 4 0 :: 1 ▽ ▲

WALLWASHER / FLOOR (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
6.8 W 27 Vf 250 mA	659 lm	0 4 8 - 2 8 4 0 :: 1 ▽ ▲ W

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm

COLOUR	ORDER CODE
○ traffic white RAL9016	0 4 8 - 2 8 9 6 1 1 7

MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm

COLOUR	ORDER CODE
○ traffic white RAL9016	0 4 8 - 2 8 9 6 3 1 7
● jet black RAL 9005	0 4 8 - 2 8 9 6 3 1 8

Electrical accessories

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

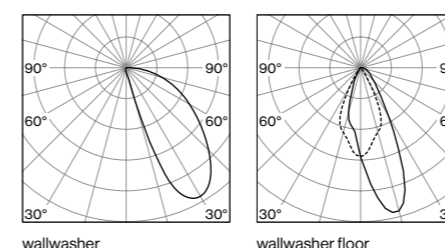
TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
200 mA non DIM	η 80 %	65-39-20	0 0 2 - 9 0 7 4 4
200 mA DALI-2	η 82 %	147-33-23	0 0 2 - 9 0 7 4 5
250 mA non DIM	η 80 %	65-39-20	0 0 2 - 9 0 7 4 2
250 mA DALI-2	η 82 %	147-33-23	0 0 2 - 9 0 7 4 3

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48 V 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 × 42 W 48 V DC U _{OUT} 10–40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981

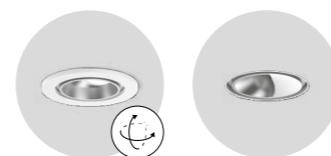
Light distributions



wallwasher

wallwasher floor

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -5%, 4000 K +5%



rotatable 360°,
tiltable 30°



wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



60 mm recess
depth (DIN rail)



Private Residence
Kreta, GR - by ROOMS GmbH



← back



SASSO 60 round

recessed




EN Round recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: precise radiation characteristic due to high quality lens system; variants with asymmetric radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering

FR Spot rond encastrable ; montage sans outil en kit de montage (sans bord ou avec bord continu) par système à déclic à bille ; surface laquée ; encastrement possible dans différents boîtiers ; au choix de l'orientation / symétrique Fixe ou asymétrique caractéristique du flux ; variantes à rayonnement sym. : caractéristiques de rayonn. précises grâce à l'optique à lentille ; variantes à rayonnement asymétrique : réflecteur de grande qualité avec surface à microfacettes, métallisée à l'aluminium ; Technologie COB (Chip on Board) pour efficacité maximale (ADJUSTABLE et DOWNLIGHT) ; pas d'ombres multiples ; LED économes en énergie à restitution de couleur élevée

Quickinfo

2700 K, 3000 K, 4000 K, CWD
CRI ≥ 90, 2 SDCM
up to 107 lm/W
L80 @ 50 000 h
non DIM, DALI-2
↓ IP 44 / ↑ IP 20

Types

trim		48
	ø 80	
trimless		48
	ø 63	
double trim		48
	147x80	

Housing colours



Inset colours



Light distributions



rotatable 360°,
tiltable 30°



wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



60 mm
recess depth



CWD
1800–3000 K

Order options

COLOUR TEMPERATURE

2700 K	4
3000 K	5
4000 K	6
CWD 1800–3000 K*	

*only for DALI-2

INSET COLOUR

○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE

spot 15°	S
medium 21°	M
flood 42°	F

Options on request

COLOR RENDERING INDEX

CRI ≥ 95, 2 SDCM

CONTROL

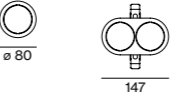
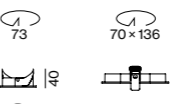
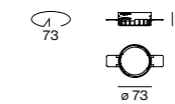
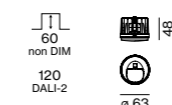
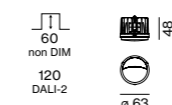
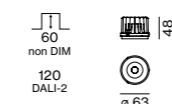
Casambi

MOUNTING SET

acoustic soft ceilings

POWER SUPPLY

DIM 1–10 V



SASSO 60 round



ADJUSTABLE (↓ IP 40 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
10.7 W 36 Vf 300 mA	1040 lm	0 4 8 - 2 6 2 2 :: 1 ▣ ▲
10.4 W 35 Vf 300 mA	CWD 949 lm	0 4 8 - 2 6 2 2 E 1 ▣ ▲

DOWNLIGHT (↓ IP 44 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
10.7 W 36 Vf 300 mA	1070 lm	0 4 8 - 2 6 0 2 :: 1 ▣ ▲
10.4 W 35 Vf 300 mA	CWD 949 lm	0 4 8 - 2 6 0 2 E 1 ▣ ▲



WALLWASHER (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.2 W 27 Vf 300 mA	635 lm	0 4 8 - 2 6 4 1 :: 1 ▣ A

WALLWASHER/FLOOR (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.2 W 27 Vf 300 mA	633 lm	0 4 8 - 2 6 4 1 :: 1 ▣ W

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm

COLOUR	ORDER CODE
○ traffic white RAL9016	0 4 8 - 2 6 9 6 1 1 7

MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm

TYPE	COLOUR	ORDER CODE
1 lamp	● white aluminium RAL 9006	0 4 8 - 2 6 9 6 3 1 G
	○ traffic white RAL9016	0 4 8 - 2 6 9 6 3 1 7
	● jet black RAL 9005	0 4 8 - 2 6 9 6 3 1 8
2 lamps	● white aluminium RAL 9006	0 4 8 - 2 6 9 8 3 1 G
	○ traffic white RAL9016	0 4 8 - 2 6 9 8 3 1 7
	● jet black RAL 9005	0 4 8 - 2 6 9 8 3 1 8

CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (mm)	ORDER CODE
exposed concrete ceilings	230-230-162	0 4 8 - 2 6 9 5 2 1 0
primed concrete ceilings*	614-307-120	0 4 8 - 2 6 9 5 1 1 0

*order mounting set separately, not applicable for 2 lamps mounting set with trim

Electrical accessories

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

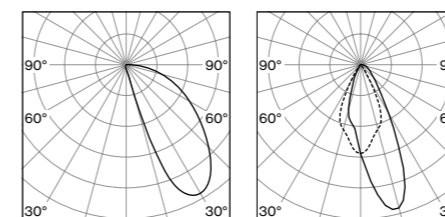
TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
300 mA non DIM	η 85 %	85-40-22	0 0 2 - 9 0 7 7 1
300 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 6 2

DIN RAIL COMPONENTS

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

for more details and components see page 981

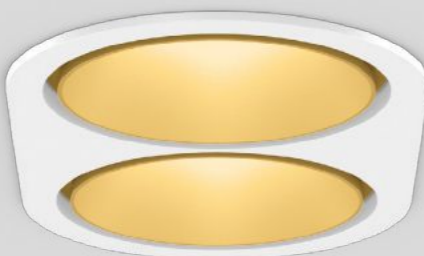
Light distributions



wallwasher

wallwasher floor

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -5%, 4000 K +5%

[← back](#)


SASSO 100 round

recessed

EN Round recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: precise radiation characteristic due to high quality lens system; variants with asymmetric radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering

FR Spot rond encastrable ; montage sans outil en kit de montage (sans bord ou avec bord continu) par système à dé clic à bille ; surface laquée ; encastrement possible dans différents boîtiers ; au choix de l'orientation / symétrique Fixe ou asymétrique caractéristique du flux ; variantes à rayonnement sym. : caractéristiques de rayonn. précises grâce à l'optique à lentille ; variantes à rayonnement asymétrique : réflecteur de grande qualité avec surface à microfacettes, métallisée à l'aluminium ; Technologie COB (Chip on Board) pour efficacité maximale (ADJUSTABLE et DOWNLIGHT) ; pas d'ombres multiples ; LED économes en énergie à restitution de couleur élevée

Quickinfo

2700 K, 3000 K, 4000 K
 CRI ≥ 90, 2 SDCM
 up to 120 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2
 ↓ IP 44 / ↑ IP 20

Types

trim		75 95 (depth)	ø 118
trimless		75	ø 97
double trim		75 95 (depth)	218x118

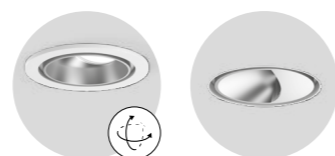
Housing colours



Inset colours



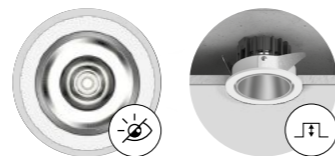
Light distributions



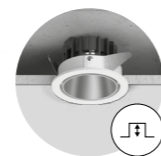
rotatable 360°, tilttable 30°



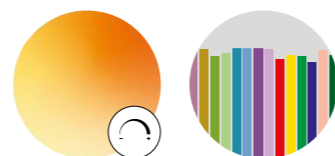
wallwasher and ww floor inset



glare control (UGR ≤ 16)



80 mm recess depth



CWD 1800-3000 K



CRI ≥ 95 2 SDCM

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

Options on request

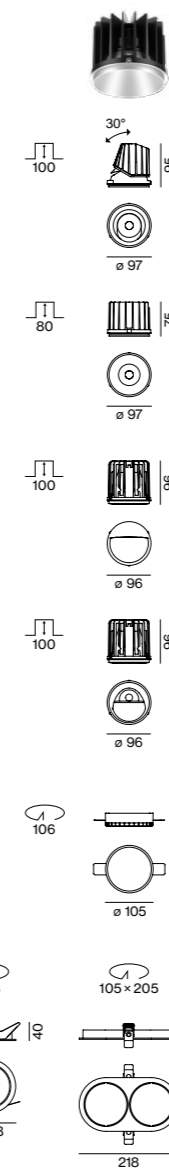
COLOR RENDERING INDEX
 CRI ≥ 95, 2 SDCM

COLOUR TEMPERATURE
 CWD 1800-3000 K
 not for WW & WWF version

CONTROL
 Casambi

MOUNTING SET
 acoustic soft ceilings

POWER SUPPLY
 DIM 1-10 V



SASSO 100 round



ADJUSTABLE (↓ IP 40 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.2 W 36 Vf 500 mA	1850 lm	0 4 8 - 2 7 2 0 :: 1 1 4
25 W 36 Vf 700 mA	2450 lm	0 4 8 - 2 7 2 0 :: 1 1 4

DOWNLIGHT (↓ IP 44 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.2 W 36 Vf 500 mA	1830 lm	0 4 8 - 2 7 0 0 :: 1 1 4
25 W 36 Vf 700 mA	2410 lm	0 4 8 - 2 7 0 0 :: 1 1 4



WALLWASHER (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
25 W 36 Vf 700 mA	2290 lm	0 4 8 - 2 7 4 0 :: 1 1 4

WALLWASHER/FLOOR (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
23.4 W 36 Vf 700 mA	2670 lm	0 4 8 - 2 7 4 0 :: 1 1 4

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm

COLOUR	ORDER CODE
○ traffic white RAL9016	0 4 8 - 2 7 9 6 1 1 7

MOUNTING SET WITH TRIM for intermediate ceilings 2-25 mm

TYPE	COLOUR	ORDER CODE
1 lamp	● white aluminium RAL 9006	0 4 8 - 2 7 9 6 3 1 G
	○ traffic white RAL9016	0 4 8 - 2 7 9 6 3 1 7
	● jet black RAL 9005	0 4 8 - 2 7 9 6 3 1 8
2 lamps	● white aluminium RAL 9006	0 4 8 - 2 7 9 8 3 1 G
	○ traffic white RAL9016	0 4 8 - 2 7 9 8 3 1 7
	● jet black RAL 9005	0 4 8 - 2 7 9 8 3 1 8

CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (mm)	ORDER CODE
exposed concrete ceilings	230-230-162	0 4 8 - 2 7 9 5 2 1 0
primed concrete ceilings*	614-307-120	0 4 8 - 2 6 9 5 1 1 0

*order mounting set separately, not applicable for 2 lamps mounting set with trim

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
500 mA non DIM	η 88 %	143-43-30	0 0 2 - 9 0 7 7 7
500 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 9
700 mA non DIM	η 80 %	143-43-30	0 0 2 - 9 0 7 7 4
700 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 6

THROUGH WIRING CONNECTION BOX

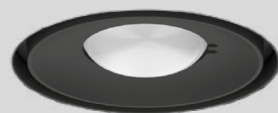
TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4-12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4-12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48 V 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 2x42W 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

INSET POWER is the current consumption excluding any ballast
 LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, wide flood
 2700 K -5%, 4000 K +5%



SASSO 60 round sensor/emergency

recessed

EN Round inset (Emergency Light or Sensor); installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; LED emergency light inset: 3 variants with different test possibilities - BASIC with test button, SELF-TEST with status LED or PRO DALI-2 with monitoring via DALI; sensor with DALI-2 control: 2 variants - ESSENTIAL with brightness and presence sensor or SENSE with additional temperature, humidity, air quality and noise level measurement

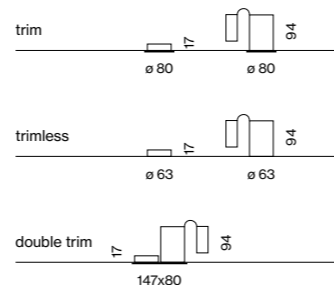
FR Insert rond (écl. de secours ou capteur) ; montage sans outil en kit de montage (sans bord ou avec bord continu) par système à dé clic à bille ; surface laquée ; encastrement possible dans différents boîtiers ; insert pour éclairage de secours LED : 3 var. avec diff. possib. d'essai - BASIC avec touche d'essai, SELF-TEST avec LED d'état ou PRO DALI-2 avec surveill. par DALI ; capteur avec commande DALI-2 : 2 variantes - ESSENTIAL avec capteur de luminosité et de présence ou SENSE avec mesure suppl. de la température, de l'humidité de l'air et du bruit

Quickinfo

sensor
ESSENTIAL, SENSE
DALI-2

emergency light
6500K
CRI ≥ 80
200lm
L80 @ 50000h
non maintained

Types



Housing colours



Inset colours



Sensors



Order options

INSET COLOUR
 traffic white RAL 9016 7
 jet black RAL 9005 1

BEAM ANGLE EMERGENCY LIGHT

spot lens
escape route lens
anti panic lens

Options on request

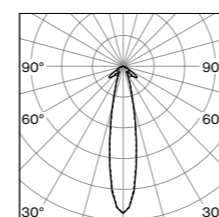
MOUNTING SET

acoustic soft ceilings

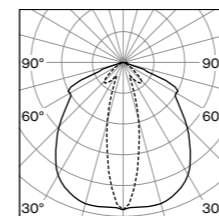
INSET COLOUR

grey, gold

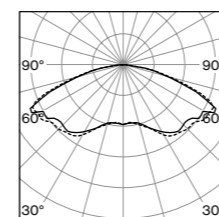
Light distributions



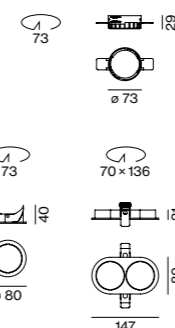
emergency light
spot lens



emergency light
escape route lens



emergency light
anti panic lens



SASSO 60 sensor round



ESSENTIAL SENSOR

TYPE brightness & presence **ORDER CODE** 048-269311



SENSE SENSOR

TYPE brightness, presence, temperature, sound pressure, humidity, CO₂ **ORDER CODE** 048-269312

SASSO 60 emergency light round



EMERGENCY 3h

TYPE BASIC | 2W **ORDER CODE** 048-269321
 SELF-TEST | 2W **ORDER CODE** 048-269322
 PRO DALI-2 | 2W **ORDER CODE** 048-269323

incl. 3 interchangeable lenses

Electrical accessories

ACCUPACK

TYPE replacement accupack 3h **ORDER CODE** 048-2693910

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25mm

COLOUR **ORDER CODE**
 traffic white RAL9016 048-2696117

MOUNTING SET WITH TRIM for intermediate ceilings 2-25mm

TYPE **COLOUR** **ORDER CODE**
 1 lamp traffic white RAL9016 048-2696317
 jet black RAL 9005 048-2696318
 2 lamps traffic white RAL9016 048-2698317
 jet black RAL 9005 048-2698318

CONCRETE MOUNTING HOUSING

COLOUR **L-W-H (mm)** **ORDER CODE**
 exposed concrete ceilings 230-230-162 048-2695210
 primed concrete ceilings* 614-307-120 048-2695110

*order mounting set separately, not applicable for 2 lamps mounting set with trim



Deansgate Square Manchester, UK –
by Lister & Lister with lighting design
by Troup, Bywaters & Anders Lighting

Deansgate Square Manchester, UK –
by Lister & Lister with lighting design
by Troup, Bywaters & Anders Lighting



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

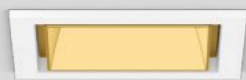
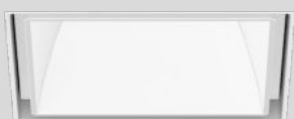




Oppenländer Rechtsanwälte
Stuttgart, DE – by Ippolito Fleitz
Group GmbH



← back



SASSO 60 square

recessed







EN Square recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; choice of fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: precise radiation characteristic due to high quality lens system; variants with asymmetric radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering

FR Spot carré encastrable ; montage sans outil en kit de montage (sans bord ou avec bord continu) par système à dé clic à bille ; surface laquée ; encastrement possible dans différents boîtiers ; au choix de symétrique fixes ou asymétrique caractéristique du flux ; variantes à rayonnement sym. : caractéristiques de rayonn. précises grâce à l'optique à lentille ; variantes à rayonnement asymétrique : réflecteur de grande qualité avec surface à microfacettes, métallisée à l'aluminium ; Technologie COB (Chip on Board) pour efficacité maximale (DOWNLIGHT) ; pas d'ombres multiples ; LED économes en énergie à restitution de couleur élevée

Quickinfo

2700 K, 3000 K, 4000 K, CWD
CRI ≥ 90, 2 SDCM
up to 110 lm/W
L80 @ 50 000 h
non DIM, DALI-2
↓ IP 44 / ↑ IP 20

Types

trim		48
		80
trimless		48
		63
double trim		48
		147x81

Housing colours



Inset colours



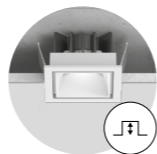
Light distributions



wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



60 mm
recess depth



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6
CWD 1800–3000 K*	

*only for DALI-2

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	
spot 15°	S
medium 21°	M
flood 42°	F

Options on request

COLOR RENDERING INDEX
CRI ≥ 95, 2 SDCM

CONTROL

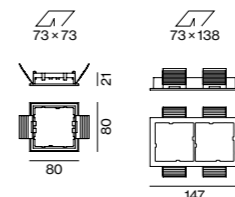
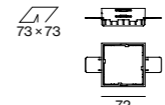
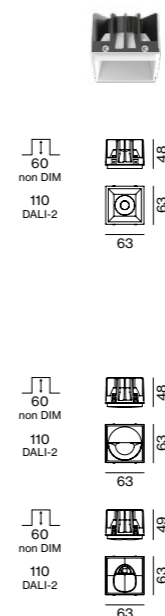
Casambi

MOUNTING SET

acoustic soft ceilings

POWER SUPPLY

DIM 1–10 V



SASSO 60 square



DOWNLIGHT (↓ IP 44 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
10.7 W 36 Vf 300 mA	1180 lm	0 4 8 - 2 6 1 2 :: 1 1 A
10.4 W 35 Vf 300 mA	CWD 949 lm	0 4 8 - 2 6 1 2 E 1 A



WALLWASHER (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.2 W 27 Vf 300 mA	635 lm	0 4 8 - 2 6 5 1 :: 1 1 A

WALLWASHER/FLOOR (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.2 W 27 Vf 300 mA	633 lm	0 4 8 - 2 6 5 1 :: 1 1 W

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm

COLOUR	ORDER CODE
○ traffic white RAL9016	0 4 8 - 2 6 9 7 1 1 7

MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm

TYPE	COLOUR	ORDER CODE
1 lamp	● white aluminium RAL 9006	0 4 8 - 2 6 9 7 3 1 G
	○ traffic white RAL9016	0 4 8 - 2 6 9 7 3 1 7
2 lamps	● jet black RAL 9005	0 4 8 - 2 6 9 7 3 1 8
	● white aluminium RAL 9006	0 4 8 - 2 6 9 9 3 1 G
	○ traffic white RAL9016	0 4 8 - 2 6 9 9 3 1 7
	● jet black RAL 9005	0 4 8 - 2 6 9 9 3 1 8

CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (mm)	ORDER CODE
primed concrete ceilings*	614-307-120	0 4 8 - 2 6 9 5 1 1 0

*order mounting set separately, not applicable for 2 lamps mounting set with trim

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 85 %	85-40-22	0 0 2 - 9 0 7 7 1
300 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 6 2

THROUGH WIRING CONNECTION BOX

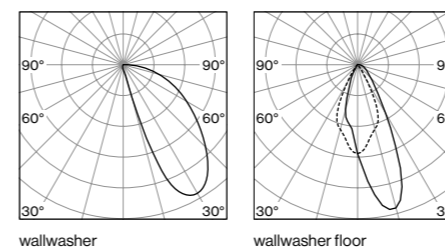
TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

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 × 42 W 48 V DC U _{OUT} 10–40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

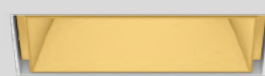
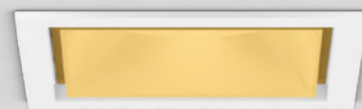
for more details and components see page 981

Light distributions



INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -5%, 4000 K +5%

← back



SASSO 100 square

recessed

EN Square recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: precise radiation characteristic due to high quality lens system; variants with asymmetric radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering

FR Spot carré encastrable ; montage sans outil en kit de montage (sans bord ou avec bord continu) par système à déclic à bille ; surface laquée ; encastrement possible dans différents boîtiers ; au choix de l'orientation / symétrique Fixe ou asymétrique caractéristique du flux ; variantes à rayonnement sym. : caractéristiques de rayonn. précises grâce à l'optique à lentille ; variantes à rayonnement asymétrique : réflecteur de grande qualité avec surface à microfacettes, métallisée à l'aluminium ; Technologie COB (Chip on Board) pour efficacité maximale (ADJUSTABLE et DOWNLIGHT) ; pas d'ombres multiples ; LED économes en énergie à restitution de couleur élevée

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
up to 120 lm/W
L80 @ 50 000 h
non DIM, DALI-2
↓ IP 44 / ↑ IP 20

Types

trim		75	95	(edf)
		118		
trimless		75	95	(edf)
		97		
double trim		75	95	(edf)
		218x118		

Housing colours



Inset colours



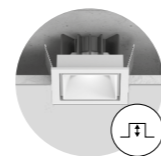
Light distributions



wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



60 mm
recess depth



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	☐☐☐
2700 K	4
3000 K	5
4000 K	6

INSET COLOUR	☑
☐ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	▲
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

Options on request

COLOR RENDERING INDEX
CRI ≥ 95, 2 SDCM

COLOUR TEMPERATURE
CWD 1800–3000 K
not for WW & WWF version

CONTROL

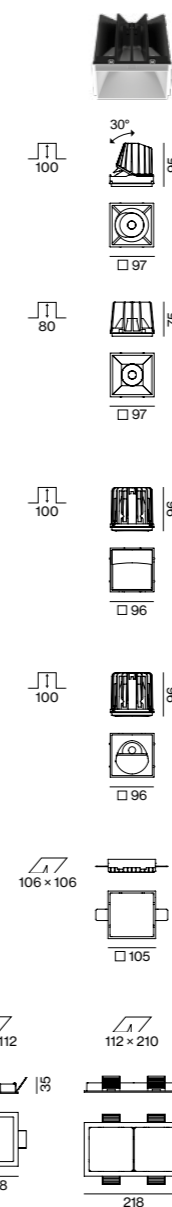
Casambi

MOUNTING SET

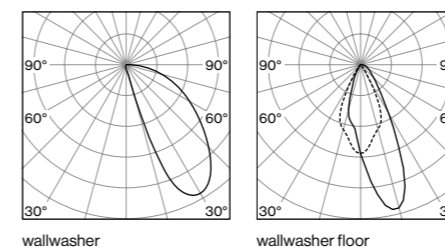
acoustic soft ceilings

POWER SUPPLY

DIM 1–10 V



Light distributions



INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, wide flood
2700 K -5%, 4000 K +5%

SASSO 100 square



ADJUSTABLE (↓ IP 40 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.2 W 36 Vf 500 mA	1860 lm	0 4 8 - 2 7 3 0 :: 1 ☑ ▲
25 W 36 Vf 700 mA	2450 lm	0 4 8 - 2 7 3 0 :: 1 ☑ ▲

DOWNLIGHT (↓ IP 44 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.2 W 36 Vf 500 mA	1890 lm	0 4 8 - 2 7 1 0 :: 1 ☑ ▲
25 W 36 Vf 700 mA	2500 lm	0 4 8 - 2 7 1 0 :: 1 ☑ ▲



WALLWASHER (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
25 W 36 Vf 700 mA	2290 lm	0 4 8 - 2 7 5 0 :: 1 ☑ ▲

WALLWASHER/FLOOR (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
23.4 W 36 Vf 700 mA	2670 lm	0 4 8 - 2 7 5 0 :: 1 ☑ ▲

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm

COLOUR	ORDER CODE
☐ traffic white RAL9016	0 4 8 - 2 7 9 7 1 1 7

MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm

TYPE	COLOUR	ORDER CODE
1 lamp	● white aluminium RAL 9006	0 4 8 - 2 7 9 7 3 1 G
	☐ traffic white RAL9016	0 4 8 - 2 7 9 7 3 1 7
	● jet black RAL 9005	0 4 8 - 2 7 9 7 3 1 8
2 lamps	● white aluminium RAL 9006	0 4 8 - 2 7 9 9 3 1 G
	☐ traffic white RAL9016	0 4 8 - 2 7 9 9 3 1 7
	● jet black RAL 9005	0 4 8 - 2 7 9 9 3 1 8

CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (mm)	ORDER CODE
primed concrete ceilings*	614-307-120	0 4 8 - 2 6 9 5 1 1 0

*order mounting set separately, not applicable for 2 lamps mounting set with trim

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
500 mA non DIM	η 88 %	143-43-30	0 0 2 - 9 0 7 7 7
500 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 9
700 mA non DIM	η 80 %	143-43-30	0 0 2 - 9 0 7 7 4
700 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 6

THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48 V 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 × 42 W 48 V DC U _{OUT} 10–40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981

Zeitgeist Graz, AT –
by FIPE ARCHITECTURE



← back



SASSO 60/100 round

semi-recessed

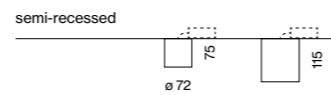
EN Cylindrical semi-recessed spotlight made of aluminium, available in 2 sizes; light inset lacquered; housing powder coated; luminaire housing can be attached to mounting plate without tools by interlock; choice of adj. sym. or asym. radiation characteristic; variants with sym. radiation characteristic: precise due to high quality lens system; variants with asym. radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE); no multiple shadows; efficient LEDs with very good colour rendering; external converter for ceiling insertion, for through-wiring suitable

FR Spot cylindrique en alu semi-encasté, disp. dans 2 tailles; insert d'éclairage peint; boîtier thermolaqué; corps pouvant être monté sans outils sur la plaque de montage grâce à un système de verrouillage; caractéristiques de rayonnement sym. ou asym. réglables au choix; variantes à rayonnement sym.: précises grâce à l'optique à lentille; variantes à rayonnement asym.: réflecteur avec surface microfacettes et revêtement alum. atténuant; Technologie COB pour efficacité maximale (ADJUSTABLE); pas d'ombres multiples; LED efficaces à restitution de couleur élevée; convertisseur externe pour fente plafond, câblage continu adapté

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
SASSO 60 up to 104 lm/W
SASSO 100 up to 117 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



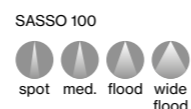
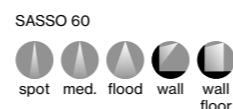
Housing colours



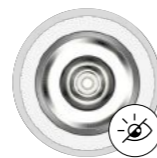
Inset colours



Light distributions



wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



easy mounting;
no visible screws



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

HOUSING COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	1

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	
SASSO 60	▲
spot 15°	S
medium 21°	M
flood 42°	F

BEAM ANGLE	
SASSO 100	▲
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

Options on request

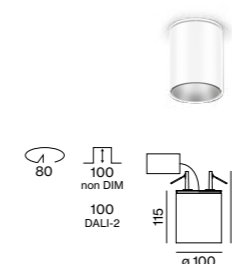
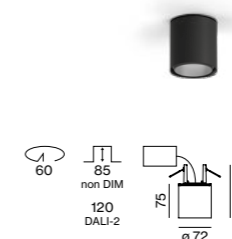
COLOUR RENDERING INDEX
CRI ≥ 95, 2 SDCM

COLOUR TEMPERATURE

CWD 1800–3000 K
not for WW & WWF version

CONTROL

Casambi



SASSO 60 round semi-recessed



ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
10.7 W 36 Vf 300 mA	1040 lm	0 4 8 - 3 1 0 1 :: 1 ■ ■ ▲



WALLWASHER

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.2 W 27 Vf 300 mA	635 lm	0 4 8 - 3 7 0 1 :: 1 ■ ■ ▲

WALLWASHER/FLOOR

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.2 W 27 Vf 300 mA	633 lm	0 4 8 - 3 7 0 1 :: 1 ■ ■ W

SASSO 100 round semi-recessed



ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.2 W 36 Vf 500 mA	1850 lm*	0 4 8 - 3 4 0 1 :: 1 ■ ■ ▲

*reflector white flood

Electrical accessories

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

TYPE	EFFICIENCY	L-WH (mm)	ORDER CODE
300 mA non DIM	η 85 %	85-40-22	0 0 2 - 9 0 7 7 1
300 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 6 2
500 mA non DIM	η 88 %	143-43-30	0 0 2 - 9 0 7 7 7
500 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 9

THROUGH WIRING CONNECTION BOX for SASSO 100

TYPE	L-WH (mm)	ORDER CODE
non DIM cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

DIN RAIL COMPONENTS

TYPE	WHD (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 × 42 W 48 V DC U _{OUT} 10–40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -5%, 4000 K +5%

← back



SASSO 60/100 round

ceiling

EN Cylindrical ceiling mounted spotlight made of aluminium, available in 2 sizes; light inset lacquered; housing powder coated; luminaire housing can be attached to mounting plate without tools by interlock; adj. sym. or asym. radiation characteristic; variants with sym. radiation characteristic; precise due to high quality lens system; variants with asym. radiation characteristic; high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE); no multiple shadows; efficient LEDs with very good colour rendering; converter integrated into spotlight head

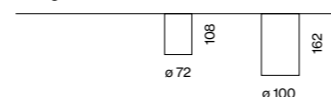
FR Spot de plafond cylindrique en aluminium, disponible dans 2 tailles ; insert d'éclairage peint ; boîtier thermolaqué ; corps de luminaire pouvant être monté sans outils sur la plaque de montage grâce à un système de verrouillage ; caractéristiques de rayonnement sym. ou asym. réglables ; variantes à rayonnement sym. : précises grâce à l'optique à lentille ; variantes à rayonnement asym. : réflecteur avec surface à microfacettes et revêtement alum. atténuant ; Technologie COB (Chip on Board) pour efficacité maximale (ADJUSTABLE) ; pas d'ombres multiples ; LED économes en énergie à restitution de couleur élevée ; convertisseur intégré à la tête de spot

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
SASSO 60 up to 81lm/W
SASSO 100 up to 100lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types

ceiling



Housing colours



Inset colours



Light distributions

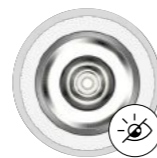
SASSO 60



SASSO 100



wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



easy mounting;
no visible screws



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

HOUSING COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	1

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	
SASSO 60	
spot 15°	S
medium 21°	M
flood 42°	F

BEAM ANGLE	
SASSO 100	
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

Options on request

COLOUR RENDERING INDEX
CRI ≥ 95, 2 SDCM

COLOUR TEMPERATURE
CWD 1800–3000 K
not for WW & WWF version

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, reflector flood



SASSO 60 round ceiling



ADJUSTABLE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.6 W	2700 K	808 lm	0 4 8 - 3 1 1 0 :: ◆ ◆ ◆ ▲
	3000 K	874 lm	
	4000 K	939 lm	



WALLWASHER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.4 W	2700 K	635 lm	0 4 8 - 3 7 1 0 :: ◆ ◆ ◆ ▲
	3000 K	635 lm	
	4000 K	744 lm	

WALLWASHER/FLOOR

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.4 W	2700 K	633 lm	0 4 8 - 3 7 1 0 :: ◆ ◆ ◆ ▲
	3000 K	633 lm	
	4000 K	746 lm	

SASSO 100 round ceiling



ADJUSTABLE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
20.2 W	2700 K	1650 lm	0 4 8 - 3 4 1 0 :: ◆ ◆ ◆ ▲
	3000 K	1790 lm	
	4000 K	1930 lm	

Oppenländer Rechtsanwälte
Stuttgart, DE – by Ippolito Fleitz
Group GmbH



WIKUS Sägenfabrik Spangenberg, DE –
by Bieling Architekten AG with lighting
design by Peter Andres Unabhängige
Lichtplanung und -beratung GbR



Private Residence
Copenhagen, DK –
by COBE Architects with
lighting design by anker & co



← back



SASSO 60/100 square

semi-recessed

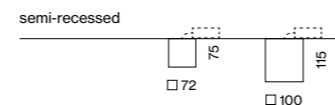
EN Square semi-recessed spotlight made of aluminium, available in 2 sizes; light inset lacquered; housing powder coated; luminaire housing can be attached to mounting plate without tools by interlock; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with sym. radiation characteristic: precise due to high quality lens system; variants with asym. radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering; external converter for ceiling insertion, for through-wiring suitable

FR Spot carré en aluminium monté en semi-encastré, disponible dans 2 tailles; insert d'éclairage peint; boîtier thermolaqué; luminaire pouvant être monté sans outils sur la plaque de montage grâce à un système de verrouillage; au choix de l'orientation / symétrique caractéristique du flux; variantes à rayonnement sym.: précises grâce à l'optique à lentille; variantes à rayonnement asym.: réflecteur avec surface à microfacettes et revêtement alum. atténuant; Technologie COB (Chip on Board) pour efficacité maximale (ADJUSTABLE et DOWNLIGHT); pas d'ombres multiples; LED économes en énergie à restitution de couleur élevée; convertisseur externe pour fente plafond, câblage continu adapté

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
SASSO 60 up to 86 lm/W
SASSO 100 up to 119 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



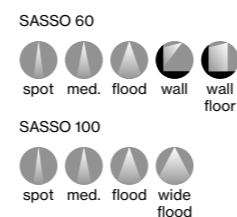
Housing colours



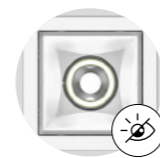
Inset colours



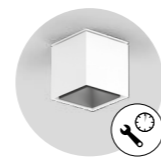
Light distributions



wallwasher and
ww floor inset



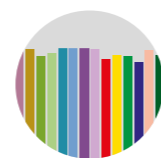
glare control
(UGR ≤ 16)



easy mounting;
no visible screws



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

HOUSING COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	1

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE SASSO 60	
spot 15°	S
medium 21°	M
flood 42°	F

BEAM ANGLE SASSO 100	
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

Options on request

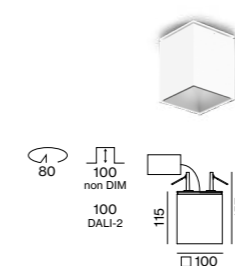
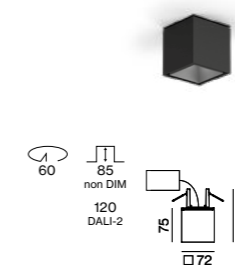
COLOUR RENDERING INDEX
CRI ≥ 95, 2 SDCM

COLOUR TEMPERATURE
CWD 1800–3000 K

not for WW & WWF version

CONTROL

Casambi



SASSO 60 square semi-recessed



DOWNLIGHT	INSET POWER	LUMINOUS FLUX	ORDER CODE
	10.7 W 36 Vf 300 mA	1100 lm	0 4 8 - 3 0 0 1 :: 1 ■ ■ ▲



WALLWASHER	INSET POWER	LUMINOUS FLUX	ORDER CODE
	8.2 W 27 Vf 300 mA	635 lm	0 4 8 - 3 6 0 1 :: 1 ■ ■ ▲

WALLWASHER/FLOOR

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.2 W 27 Vf 300 mA	633 lm	0 4 8 - 3 6 0 1 :: 1 ■ ■ W

SASSO 100 square semi-recessed



ADJUSTABLE	INSET POWER	LUMINOUS FLUX	ORDER CODE
	17.2 W 36 Vf 500 mA	1890 lm*	0 4 8 - 3 3 0 1 :: 1 ■ ■ ▲

*reflector wide flood

Electrical accessories

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

TYPE	EFFICIENCY	L-WH (mm)	ORDER CODE
300 mA non DIM	η 85 %	85-40-22	0 0 2 - 9 0 7 7 1
300 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 6 2
500 mA non DIM	η 88 %	143-43-30	0 0 2 - 9 0 7 7 7
500 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 9

THROUGH WIRING CONNECTION BOX for SASSO 100

TYPE	L-WH (mm)	ORDER CODE
non DIM cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

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 × 42 W 48V DC U _{OUT} 10–40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -5%, 4000 K +5%

← back



SASSO 60/100 square

ceiling

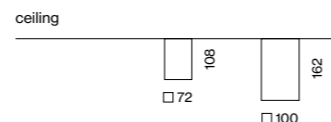
EN Square ceiling mounted spotlight made of aluminium, available in 2 sizes; light inset lacquered; housing powder coated; luminaire housing can be attached to mounting plate without tools by interlock; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with sym. radiation characteristic: precise due to high quality lens system; variants with asym. radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering; luminaire for through wiring; converter integrated into spotlight head

FR Spot de plafond carré en aluminium, disponible dans 2 tailles; insert d'éclairage peint; boîtier thermolaqué; corps de luminaire pouvant être monté sans outils sur la plaque de montage grâce à un système de verrouillage; au choix de l'orientation / symétrique Fixe ou asymétrique caractéristique du flux; variantes à rayonnement sym.: précises grâce à l'optique à lentille; variantes à rayonnement asym.: réflecteur avec surface à microfacettes et revêtement alum. atténuant; Technologie COB (Chip on Board) pour efficacité maximale (ADJUSTABLE et DOWNLIGHT); pas d'ombres multiples; LED économes en énergie à restitution de couleur élevée; luminaire pour câblage continu; convertisseur intégré à la tête de spot

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
SASSO 60 up to 94lm/W
SASSO 100 up to 101lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



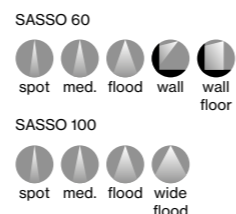
Housing colours



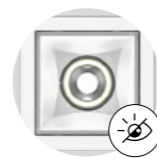
Inset colours



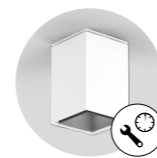
Light distributions



wallwasher and
ww floor inset



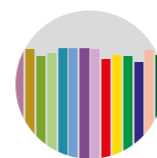
glare control
(UGR ≤ 16)



easy mounting;
no visible screws



CWD
1800-3000K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	
2700K	4
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

HOUSING COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	1

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

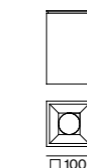
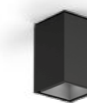
BEAM ANGLE	
SASSO 60	
spot 15°	S
medium 21°	M
flood 42°	F

BEAM ANGLE	
SASSO 100	
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

Options on request

COLOUR RENDERING INDEX
CRI ≥ 95, 2 SDCM

COLOUR TEMPERATURE
CWD 1800-3000K
not for WW & WWF version



SASSO 60 square ceiling



DOWNLIGHT				ORDER CODE
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX		
11.6W	2700K	857lm		0 4 8 - 3 0 1 0 :: ▨ ▨ ▨ ▨ ▨
	3000K	927lm		
	4000K	996lm		



WALLWASHER				ORDER CODE
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX		
11.4W	2700K	617lm		0 4 8 - 3 6 1 0 :: ▨ ▨ ▨ ▨ ▨ A
	3000K	617lm		
	4000K	726lm		

WALLWASHER/FLOOR				ORDER CODE
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX		
11.4W	2700K	633lm		0 4 8 - 3 6 1 0 :: ▨ ▨ ▨ ▨ ▨ W
	3000K	633lm		
	4000K	746lm		

SASSO 100 square ceiling



ADJUSTABLE				ORDER CODE
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX		
20.2W	2700K	1700lm		0 4 8 - 3 3 1 0 :: ▨ ▨ ▨ ▨ ▨
	3000K	1840lm		
	4000K	1980lm		

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, reflector flood

Relesys Office Copenhagen, DK –
by Lobo-Lab Architects
with lighting design by anker & co





SASSO 60/100 round

suspended

EN Cylindrical spotlight made of aluminium, available in 2 sizes; light inset lacquered; housing powder coated; pendant fitting with cable suspension; incl. feed (black or white); can be individually shortened; precise radiation characteristic due to high quality lens system; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering; canopy for through wiring; converter included in canopy

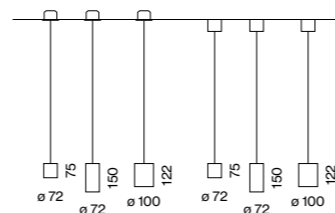
FR Spot cylindrique en aluminium, disponible dans 2 tailles ; insert d'éclairage peint ; boîtier thermolaqué ; suspension par câble ; câble d'alimentation inclus (noir ou blanche) ; recoupable à volonté ; caractéristiques de rayonn. précises grâce à l'optique à lentille ; Technologie COB (Chip on Board) pour efficacité maximale ; pas d'ombres multiples ; LED économes en énergie à restitution de couleur élevée ; cache-piton pour câblage continu ; convertisseur inclus dans le cache-piton

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
SASSO 60 up to 83 lm/W
SASSO 100 up to 98 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types

suspended



Housing colours



Inset colours



Light distributions

SASSO 60



SASSO 100



glare control
(UGR ≤ 16)



easy mounting;
no visible screws



CRI ≥ 95
2 SDCM

Order options

HOUSING HEIGHT

75 mm	2
150 mm	7

COLOUR TEMPERATURE

2700 K	4
3000 K	5
4000 K	6

CONTROL

non DIM	1
DALI-2	3

HOUSING COLOUR

○ traffic white RAL 9016	7
● jet black RAL 9005	1

INSET COLOUR

○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE

SASSO 60	▲
spot 15°	S
medium 21°	M
flood 42°	F

BEAM ANGLE

SASSO 100	▲
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

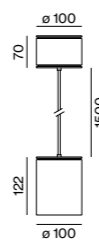
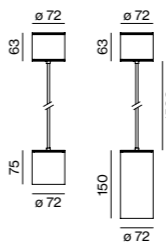
Options on request

COLOUR RENDERING INDEX

CRI ≥ 95, 2 SDCM

MOUNTING

recessed canopy



SASSO 60 round suspended



DOWNLIGHT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.6 W	2700 K	833 lm	0 4 8 - 3 1 L 0 :: ◆ ◆ ◆ ▲
	3000 K	901 lm	
	4000 K	968 lm	

SASSO 100 round suspended



DOWNLIGHT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
20.2 W	2700 K	1650 lm	0 4 8 - 3 4 2 0 :: ◆ ◆ ◆ ▲
	3000 K	1790 lm	
	4000 K	1920 lm	

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, reflector wide flood

James Good Coiffeur Lounge
Flums, CH – by Daniel Huber Architektur GmbH



← back



SASSO 60 base

ceiling

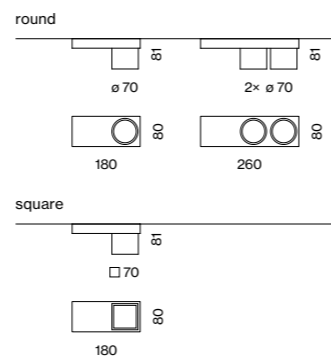
EN Cylindrical or square spotlight made of aluminium; light inset lacquered; housing powder coated; light inset rotatable and tiltable (cylindrical versions); choice of single lamp or double lamps (cylindrical versions); surface mounted housing in aluminium incl. converter; mounting plate with pre-assembled converter unit can be pre-mounted; luminaire housing can be attached without tools by interlock; precise radiation characteristic due to high quality lens system; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering; luminaire for through wiring

FR Spot cylindrique ou carré en aluminium ; insert d'éclairage peint ; boîtier thermolaqué ; module d'éclairage rotatif et orientable (variantes cylindriques) ; au choix monoflamme ou biflamme (variantes cylindriques) ; boîtier de montage en aluminium, avec convertisseur ; plaque de montage avec unité de conversion prémontée, pouvant être montée à l'avance ; corps de luminaire pouvant être monté sans outils grâce à un système de verrouillage ; caractéristiques de rayonn. précises grâce à l'optique à lentille ; Technologie COB (Chip on Board) pour efficacité maximale ; pas d'ombres multiples ; LED économes en énergie à restitution de couleur élevée ; luminaire pour câblage continu

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
SASSO round up to 90 lm/W
SASSO square up to 86 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



Housing colours



Inset colours



Light distributions



spot med. flood

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

HOUSING COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	1

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	
spot 15°	S
medium 21°	M
flood 42°	F

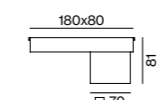
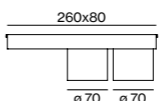
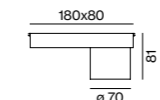
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 95, 2 SDCM	

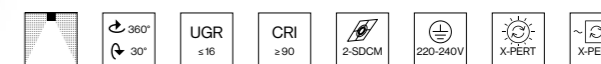
LIGHT DISTRIBUTION	
wallwasher	
wallwasher / floor	



LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, reflector flood



SASSO 60 base round



ADJUSTABLE 1 LAMP

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.7 W	2700 K	816 lm	0 4 8 - 3 1 3 0 :: ◆ ▣ ▣ ▲
	3000 K	882 lm	
	4000 K	948 lm	

ADJUSTABLE 2 LAMPS

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
21.6 W	2700 K	2 × 873 lm	0 4 8 - 3 1 4 0 :: ◆ ▣ ▣ ▲
	3000 K	2 × 921 lm	
	4000 K	2 × 977 lm	

SASSO 60 base square



DOWNLIGHT 1 LAMP

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.7 W	2700 K	865 lm	0 4 8 - 3 0 3 0 :: ◆ ▣ ▣ ▲
	3000 K	936 lm	
	4000 K	1010 lm	

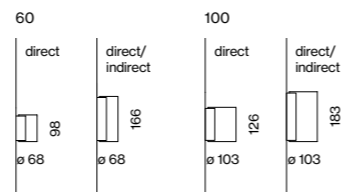


The Raum Bolzano, IT –
by bergundtal gmbh.



Quickinfo

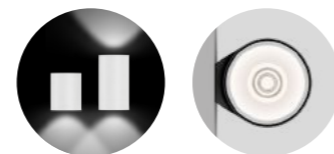
2700 K, 3000 K, 4000 K
 CRI ≥ 90, 2 SDCM
 SASSO 60 up to 69 lm/W
 SASSO 100 up to 61 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2

Types**Housing colours****Inset colours****Light distributions****SASSO 60/100 round**

wall

EN Cylindrical wall surface mounted luminaire made of aluminium, available in 2 sizes; light inset lacquered; housing powder coated; optionally symmetric direct or direct / indirect light distribution; homogeneous wall or ceiling illumination through uniform light distribution; precise radiation characteristic due to high quality lens system; installation of variant DIRECT optionally for floor or ceiling illumination; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering

FR Applique cylindrique en aluminium pour montage en surface, disponible dans 2 tailles; insert d'éclairage peint; boîtier thermolaqué; disponible au choix, en rayonnement symétrique direct ou direct/indirect; éclairage homogène du mur ou du plafond par une distribution de lumière uniforme; caractéristiques de rayonn. précises grâce à l'optique à lentille; variante de montage DIRECT disponible au choix pour l'éclairage du sol ou du plafond; Technologie COB (Chip on Board) pour efficacité maximale; pas d'ombres multiples; LED économes en énergie à restitution de couleur élevée



direct and direct / indirect illumination



high quality lens



easy mounting

CRI ≥ 95
2 SDCM**Order options**

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

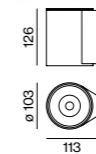
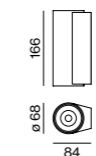
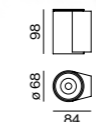
HOUSING COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	1

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	
opal lens	

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 95, 2 SDCM	

**SASSO 60 round wall****DIRECT**

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.7 W	2700 K	647 lm	0 4 8 - 3 1 5 0 :: ◆ ▣ ■ ○
	3000 K	683 lm	
	4000 K	724 lm	

DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
20.4 W	2700 K	2 × 643 lm	0 4 8 - 3 1 6 0 :: ◆ ▣ ■ ○
	3000 K	2 × 678 lm	
	4000 K	2 × 720 lm	

SASSO 100 round wall**DIRECT**

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
20.4 W	2700 K	1130 lm	0 4 8 - 3 4 5 0 :: ◆ ▣ ■ ○
	3000 K	1180 lm	
	4000 K	1240 lm	

DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
41 W	2700 K	2 × 1130 lm	0 4 8 - 3 4 6 0 :: ◆ ▣ ■ ○
	3000 K	2 × 1180 lm	
	4000 K	2 × 1240 lm	

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

MAM Competence Center
Großhöflein, AT –
by INNOCAD Architektur ZT



The exquisite choice



SASSO PRO

EN The high-quality reflector ensures a particularly even light pattern and professional glare control. Its exclusive design and high-quality appearance make SASSO the ideal spotlight on the shop floor. The spotlights can be rotated through 360° and can also be swivelled by up to 35° around the horizontal central axis. This means light can be flexibly redirected even after installation, depending on the shop concept. Thanks to its replaceable light insets, the spotlight can be installed quickly and without any tools using a ball-catch system. SASSO is available in various sizes, colours, and with optical accessories. For the light colours, you can choose between 2700K, 3000K, 4000K, or the dynamic gradient Colour Warm Dimming and Tunable White versions.

FR Ce réflecteur de haute qualité assure un éclairage particulièrement uniforme avec anti-éblouissement professionnel. Son design exclusif et sa présentation de grande qualité font de SASSO le spot idéal pour les boutiques. Les spots peuvent pivoter à 360° et sont en outre orientables jusqu'à 35° autour de l'axe central horizontal. Cela permet – en fonction du concept de la boutique – de guider librement la lumière, même après l'installation. Grâce à ses modules d'éclairage interchangeable, le spot peut être intégré rapidement et sans outil au moyen d'un mécanisme d'encliquetage à billes. SASSO est disponible dans différentes tailles et couleurs et avec des accessoires optiques. Pour les températures de couleurs, vous avez le choix entre 2700K, 3000K, 4000K ou les variantes dynamiques Colour Warm Dimming et Tunable White.

Types



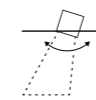
80

100

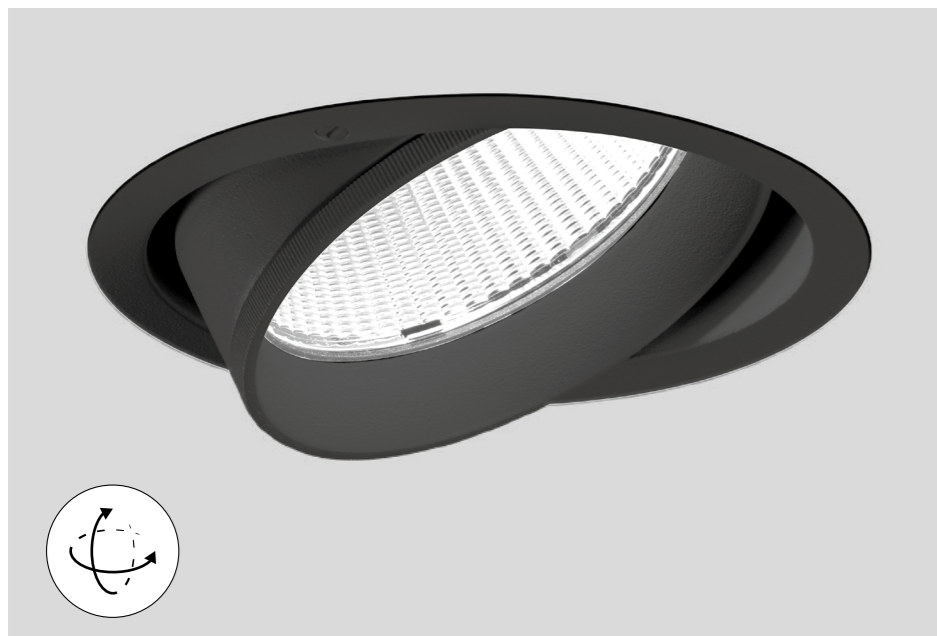
Mountings

trimless
recessedwith trim
recessed

Light distribution



spotlight



Precise light adjustment

EN In addition to the 360° rotatability of all SASSO Round 80/100 variants, the adjustable version can be swivelled up to 35° around the horizontal central axis. This enables light to be directed precisely where it is needed.

FR Outre la capacité de rotation à 360° de toutes les versions SASSO Round 80/100, la version Adjustable peut pivoter de jusqu'à 35° autour de l'axe central horizontal. Cela permet un guidage encore plus précis de la lumière pour qu'elle arrive précisément là où elle est nécessaire.



Optical accessories

EN Use a wide range of optical accessories to adapt spotlights for special applications. The optical light accessories can be attached or removed in one easy step and provide glare-free light at any point.

FR Utilisez divers accessoires optiques pour adapter les spots pour des applications spéciales. Les accessoires optiques d'éclairage se posent ou se retirent en un tournemain et assurent à tout endroit un éclairage non éblouissant.

CWD – Colour Warm Dimming

EN Warm light quality with reduced illuminance. Colour Warm Dimming reduces the light intensity while continuously changing the colour temperature between 3000 K and 1800 K. The function supports, for example, the change between cosy restaurant lighting during the day and a relaxing lighting mood in the evening.

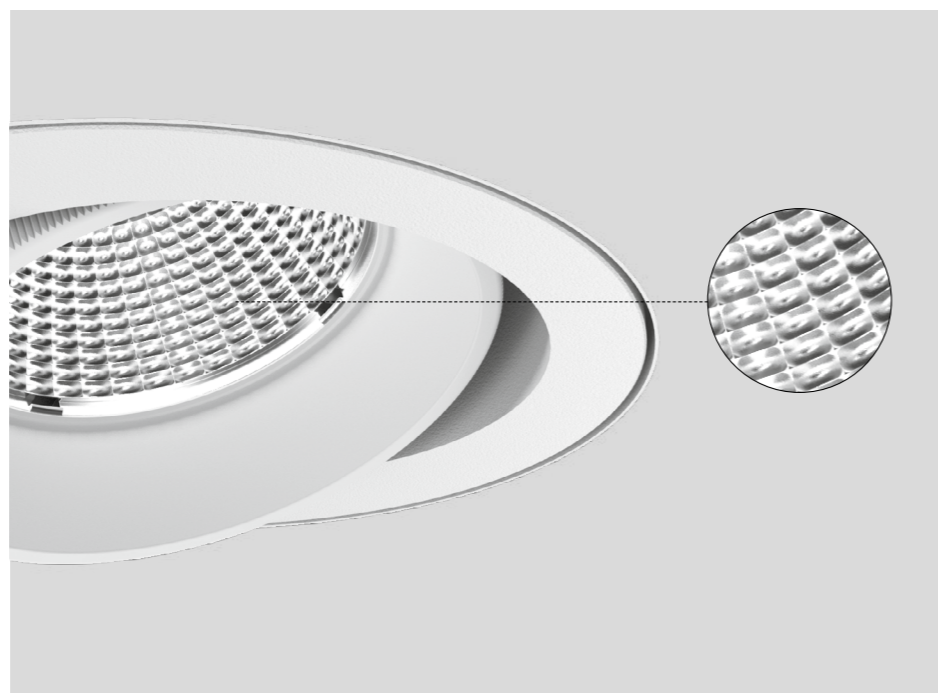
FR Une qualité de lumière chaude avec une intensité d'éclairage réduite : Colour Warm Dimming réduit l'intensité lumineuse tout en modifiant la température de couleur en continu entre 3000 K et 1800 K. Cette fonction permet par exemple le passage entre un confortable éclairage de restaurant au cours de la journée et un éclairage d'ambiance détendu dans la soirée.



Reflector inset

EN The high-quality reflector with spherical faceted optics ensures a uniform light pattern with significant glare control. SASSO is an attractive lighting solution in the premium shop area, thanks to its high-quality appearance.

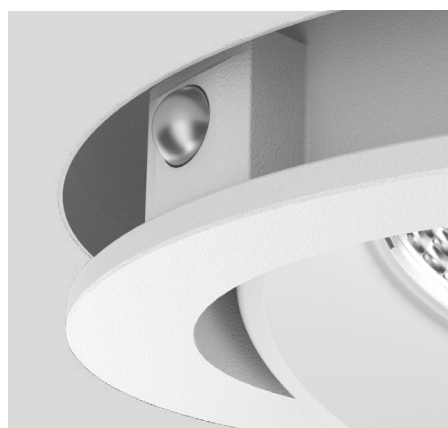
FR Le réflecteur de haute qualité avec des optiques sphériques à facettes crée une image lumineuse uniforme avec de surcroît un bon contrôle de l'éblouissement. Grâce à sa noble présentation, SASSO représente également une solution d'éclairage attrayante dans le domaine des boutiques premium.



Ball catch system

EN SASSO spots are easy to replace. The assembly is quick and entirely without tools, thanks to a ball catch system. The lighting thus always adapts flexibly to new requirements and circumstances.

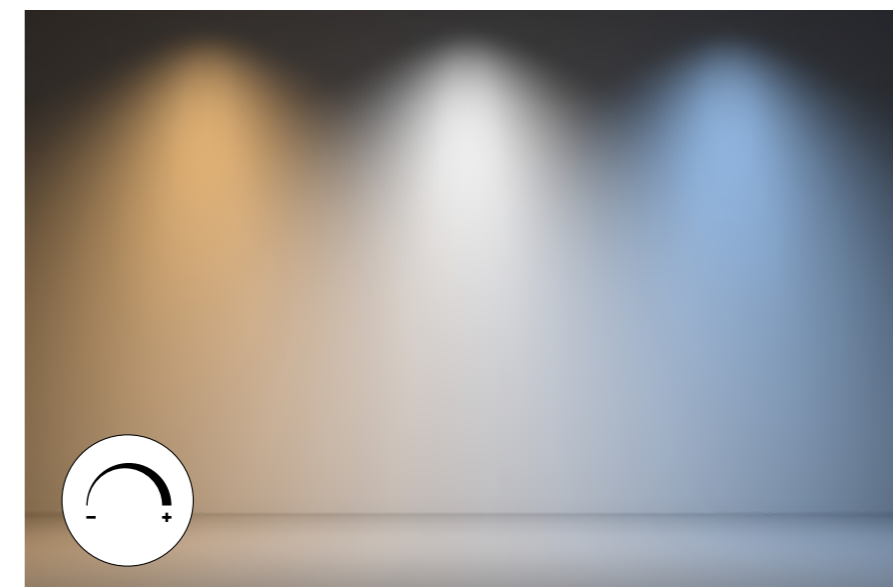
FR Les spots SASSO sont faciles à changer : leur installation est rapide et totalement sans outil grâce à un système d'encliquetage à billes. Ainsi, l'éclairage s'adapte toujours avec souplesse aux nouvelles contraintes et circonstances.



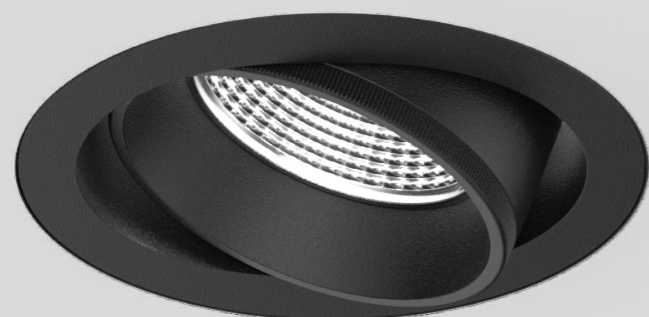
TW – Tunable White

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



back



SASSO PRO 80 flush/offset

recessed

EN Round recessed spotlight in die-cast aluminium; installation without tools in mounting set with ball catch system; surface powder coated; installation possible in different housings; light inset rotatable and tiltable; optionally with recessed lighting level; optical attachments as accessories; with optional high-quality lens system with precise radiation characteristic; and high-quality reflector with spherical facet effect design, precise radiation characteristics with different beam angles; installed and exchanged without tools; COB (Chip on Board) technology or high power LEDs for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering

FR Spot rond encastrable en fonte d'aluminium; montage sans outil avec kit par syst. à dé clic à bille; surface thermolaquée; encastrement poss. dans différents boîtiers; module d'écl. rotatif et orientable; en option avec niveau d'écl. décalé vers l'arrière; éléments opt. comme accessoires; également poss. avec opt. de lentilles de qualité présentant des caract. de rayonn. précises; ou un réflecteur de qualité avec une opt. sphérique à facettes, caract. de rayonnement précises avec divers angles de diffusion; installation resp. remplacement sans outil; avec technologie COB ou High-Power-LED pour efficacité max.; pas d'ombres multiples; LED efficaces à restitution de couleur élevée

Quickinfo

2700 K, 3000 K, 4000 K, CWD
CRI ≥ 90, 3 SDCM
up to 93 lm/W
L90 @ 50 000 h
non DIM, DALI-2

Types

trim		83
	ø 98	
trimless		83
	ø 80	

Colours



Light distributions



Order options

COLOUR TEMPERATURE	☐☐
2700 K	4
3000 K	5
4000 K	6
CWD 1800–2700 K	

CONTROL	◆
non DIM	1
DALI-2	3

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

LENS	
super spot 6°	

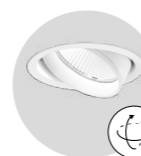
BEAM ANGLE	▲
medium 27°	M
flood 37°	F

Options on request

MOUNTING SET	
acoustic soft ceilings	



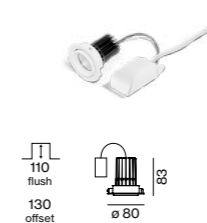
DiiA® standards
251, 252, 253



rotatable 360°
tiltable 35°



CWD
1800–2700 K



SASSO PRO 80



SPOTLIGHT ADJUSTABLE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
7.7 W	2700 K	353 lm	0 4 8 - 2 3 1 0 :: 1 ☑ V
super spot 6°	3000 K	379 lm	
	4000 K	408 lm	
8.3 W	2700 K	728 lm	0 4 8 - 2 3 1 0 :: 1 ☑ ▲
	3000 K	765 lm	
	4000 K	773 lm	
12.2 W	2700 K	1020 lm	0 4 8 - 2 3 1 2 :: ☑ ▲
	3000 K	1060 lm	
	4000 K	1130 lm	

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
6.5 W CWD 1800–2700 K	378 lm	0 4 8 - 2 3 1 0 E 3 ☑ M

Mounting accessories

TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12.5/15/25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 2 1 3 2 7
offset 17 mm	0 5 2 - 1 9 3 1 3 2 4

ROUND MOUNTING SET WITH TRIM

for intermediate ceilings 5–25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 2 2 3 2 4
offset 17 mm	0 5 2 - 1 9 3 2 3 2 4

SQUARE MOUNTING SET WITH TRIM

for intermediate ceilings 5–25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 4 2 3 1 4
offset 17 mm	0 5 2 - 1 9 5 2 3 1 4

CONCRETE MOUNTING HOUSING

TYPE	L-W-H (mm)	ORDER CODE
exposed concrete ceilings*	229-227-160	0 6 0 - 0 0 0 8 0
primed concrete ceilings**	ø240-400-130	0 5 2 - 1 9 1 4 3 2 0

*only for flush mounting **order mounting set separately

Optical accessories

TYPE	ORDER CODE
honeycomb louver	0 4 8 - 2 0 9 1 3 1 4
linear prismatic lens	0 4 8 - 2 0 9 2 3 1 4
snoot	0 4 8 - 2 0 9 1 1 1 4
snoot with honeycomb louver	0 4 8 - 2 0 9 1 2 1 4

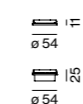
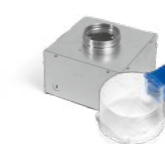
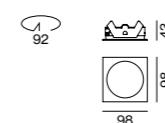
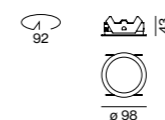
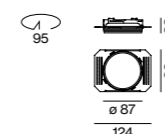
use only 1 optical accessory

Electrical accessories

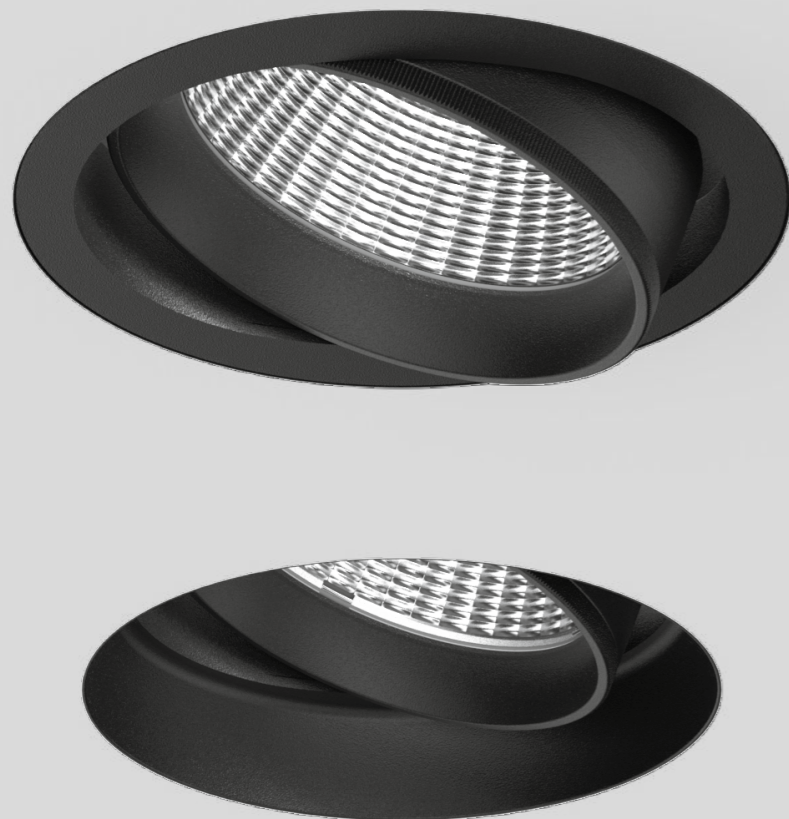
THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, reflector flood,
flush mounting



← back



SASSO PRO 100 flush/offset

recessed



EN Round recessed spotlight in die-cast aluminium; installation without tools in mounting set with ball catch system; surface powder coated; installation possible in different housings; light inset rotatable and tiltable; optionally with recessed lighting level; optical attachments as accessories; high-quality reflector with spherical facet effect design, precise radiation characteristics with different beam angles; installed and exchanged without tools; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering

FR Spot rond encastrable en fonte d'aluminium injectée ; montage sans outil en kit de montage par système à dé clic à bille ; surface thermolaquée ; encastrement possible dans différents boîtiers ; module d'éclairage rotatif et orientable ; en option avec niveau d'éclairage décalé vers l'arrière ; éléments optiques comme accessoires ; réflecteur de haute qualité avec une optique sphérique à facettes, caractéristiques de rayonnement précises avec divers angles de diffusion ; Installation resp. remplacement sans outil ; Technologie COB (Chip on Board) pour efficacité maximale ; pas de formation d'ombres multiples ; LED économes en énergie à restitution de couleur élevée

Quickinfo

2700 K, 3000 K, 4000 K, CWD, TW
CRI ≥ 90, 3 SDCM
up to 104 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types

trim		106
	∅ 112	
trimless		106
	∅ 98	

Colours



Light distributions



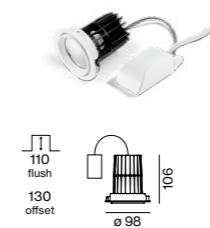
Order options

COLOUR TEMPERATURE	☐☐
2700 K	4
3000 K	5
4000 K	6
CWD 2000–3000 K	
TW 1800–3000 K	
TW 2700–6500 K	

CONTROL	◆
non DIM	1
DALI-2	3

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

REFLECTOR	▲
spot 18° (not for HO version)	S
medium 24°	M
flood 36°	F
wide flood 55° (not for HO vers.)	W



SASSO PRO 100



SPOTLIGHT ADJUSTABLE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14.5 W	2700 K	1350 lm	0 4 8 - 2 4 1 0 ☐☐☐☐▲
	3000 K	1420 lm	
	4000 K	1490 lm	
26.5 W	2700 K	2160 lm	0 4 8 - 2 4 1 2 ☐☐☐☐▲
	3000 K	2260 lm	
	4000 K	2380 lm	
27 W HO	2700 K	2580 lm	0 4 8 - 2 4 1 3 ☐☐☐☐▲
	3000 K	2810 lm	
	4000 K	2840 lm	

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
14.7 W CWD 2000–3000 K	1030 lm	0 4 8 - 2 4 1 1 E 3 ☐☐F
28.2 W TW 1800–3000 K	2020 lm	0 4 8 - 2 4 1 2 L 3 ☐☐F
28.2 W TW 2700–6500 K	2170 lm	0 4 8 - 2 4 1 2 D 3 ☐☐F

Mounting accessories

TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12.5/15/25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 2 1 4 4 7
offset 17 mm	0 5 2 - 1 9 3 1 4 4 ☐

ROUND MOUNTING SET WITH TRIM

for intermediate ceilings 5–25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 2 2 4 4 ☐
offset 17 mm	0 5 2 - 1 9 3 2 4 4 ☐

SQUARE MOUNTING SET WITH TRIM

for intermediate ceilings 5–25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 4 2 4 1 ☐
offset 17 mm	0 5 2 - 1 9 5 2 4 1 ☐

CONCRETE MOUNTING HOUSING

for <15 W version

TYPE	L-W-H (mm)	ORDER CODE
exposed concrete ceilings*	229-227-160	0 5 2 - 1 9 1 3 4 1 0
primed concrete ceilings**	∅240-400-130	0 5 2 - 1 9 1 4 4 2 0

*only for flush mounting **order mounting set separately

Optical accessories

TYPE	ORDER CODE
honeycomb louver	0 4 8 - 2 1 9 1 3 1 ☐
linear prismatic lens	0 4 8 - 2 1 9 2 3 1 ☐
snoot	0 4 8 - 2 1 9 1 1 1 ☐
snoot with honeycomb louver	0 4 8 - 2 1 9 1 2 1 ☐

use only 1 optical accessory

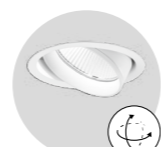
Electrical accessories

THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ∅ 4–12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ∅ 4–12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0



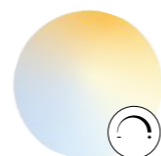
DiiA® standards
251, 252, 253



rotatable 360°
tiltable 35°

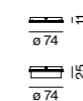
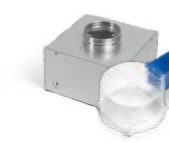
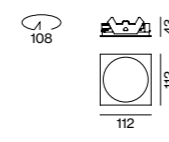
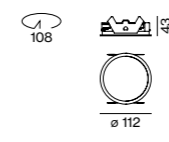
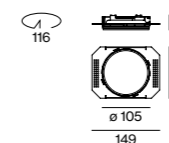


CWD
2000–3000 K



TW 1800–3000 K &
2700–6500 K

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, reflector flood,
flush mounting



Oberpollinger | The KaDeWe Group
Munich, DE – by Licht Kunst Licht AG
including lighting design



Oberpollinger | The KaDeWe Group
Munich, DE – by Licht Kunst Licht AG
including lighting design



Presence as desired



MOVE IN

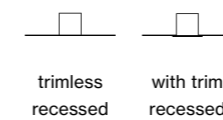
EN This luminaire's trump card is mobility. MOVE IN's appearance can be easily adapted without tools at any time because the spots are height-adjustable. New and exciting ceiling pictures are created by combining round or square with flush or protruding spots. The spots are optimally glare-free thanks to the recessed light point plane. MOVE IN flex's spotlight head can be rotated 360° and swivelled 90°. All spots are characterised by an excellent colour rendering value (CRI ≥ 90) and high-quality reflector. The light colours 2700K and 3000K create an atmospheric lighting effect.

FR La mobilité est l'atout majeur de ce luminaire. Avec MOVE IN, l'aspect visuel peut être adapté à tout moment, car les spots sont réglables en hauteur en continu - facilement et sans outil. La combinaison de spots ronds et rectangulaires, au ras du plafond ou saillants, permet d'obtenir des présentations de plafond toujours nouvelles et intéressantes. Le niveau de point lumineux étant en retrait, les spots ont un effet antiéblouissant optimal. La tête du spot MOVE IN flex est pivotante à 355° et inclinable à 90°, de plus, tous les spots se distinguent par une excellente valeur de rendu des couleurs (CRI ≥ 90) et un réflecteur de haute qualité. La température de couleur de 3000K peut être complétée en option par un Colour Warm Dimming pour un effet d'éclairage d'ambiance.

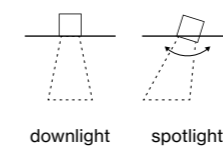
Types



Mounting



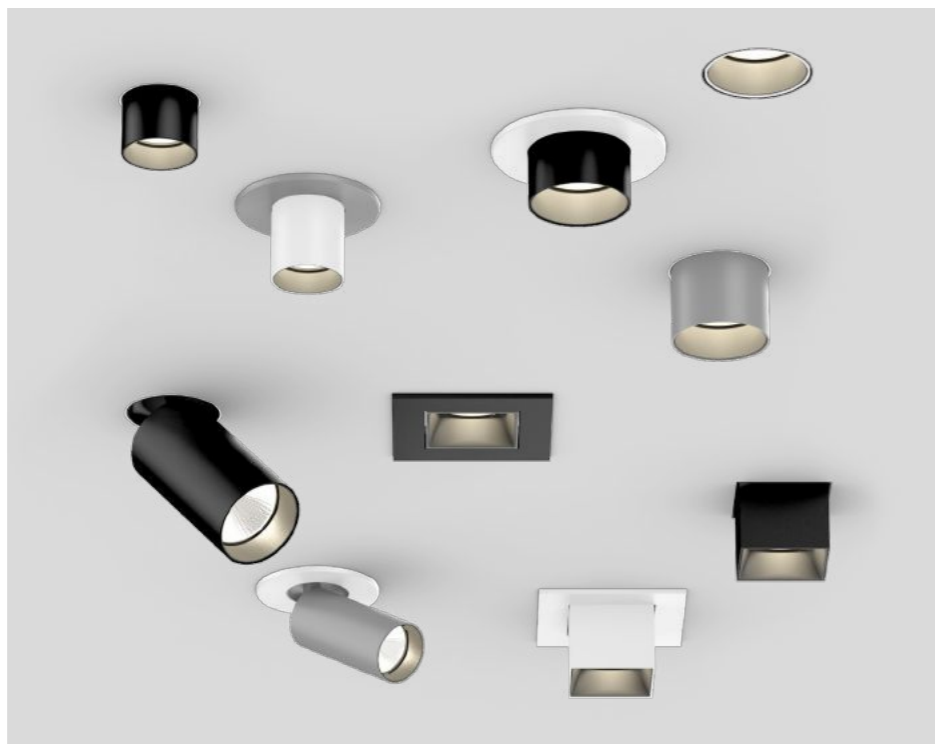
Light distributions



Variety

EN MOVE IN not only provides light, but also designs the ceiling. Round, angular, flush-mounted, and surface-mounted spots can be combined individually and always form new, exciting ceiling arrangements.

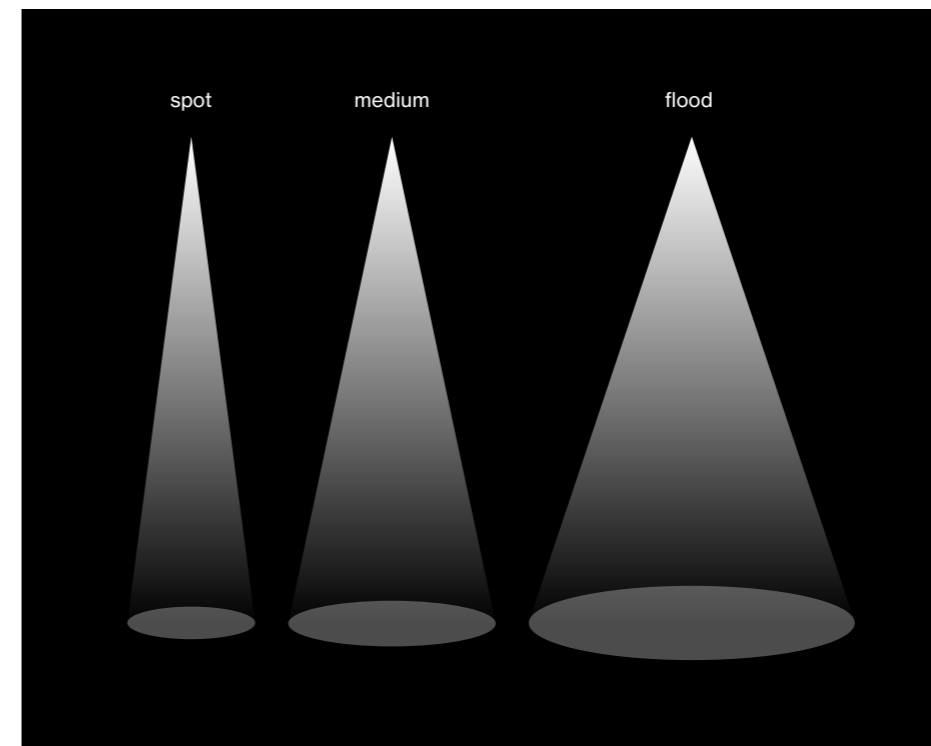
FR MOVE IN ne se contente pas de donner de la lumière, il aménage le plafond. Les spots ronds, carrés, à ras du plafond et en saillie peuvent être combinés individuellement et forment toujours de nouvelles images captivantes au plafond.



Light distribution

EN Thanks to different beam angles, MOVE IN is suitable for different areas of application: from narrow-beam spot for precise and targeted lighting, to medium and flood for accentuated basic brightness.

FR Grâce à ses différents angles de diffusion, MOVE IN convient à différents domaines d'application : du spot à diffusion étroite pour un éclairage précis et ciblé, au moyen et au flood pour une luminosité de base accentuée.



Glare control & colour rendering

EN Thanks to the recessed light spot level, MOVE IN spots provide optimum glare control. As the high-quality reflector optics have very good colour rendering values (CRI ≥ 90), objects are rendered almost true to colour.

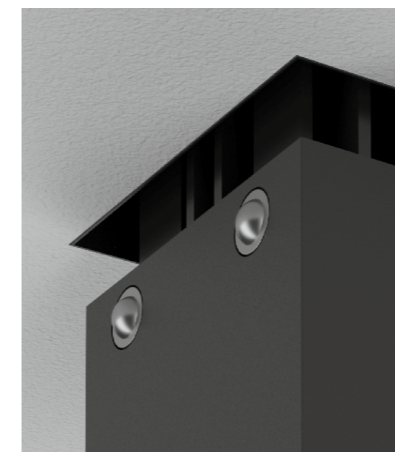
FR Grâce au plan de points lumineux décalé vers l'arrière, les spots MOVE IN sont parfaitement protégés contre l'éblouissement. Comme l'optique à réflecteur de haute qualité dispose de très bonnes valeurs de rendu des couleurs (CRI ≥ 90), les objets sont reproduits dans des couleurs presque fidèles.



Precise light adjustment

EN MOVE IN flex offers the greatest possible flexibility. The spotlight can not only be rotated 360°, but also swivelled 90°. This allows the light to be directed exactly where it is needed.

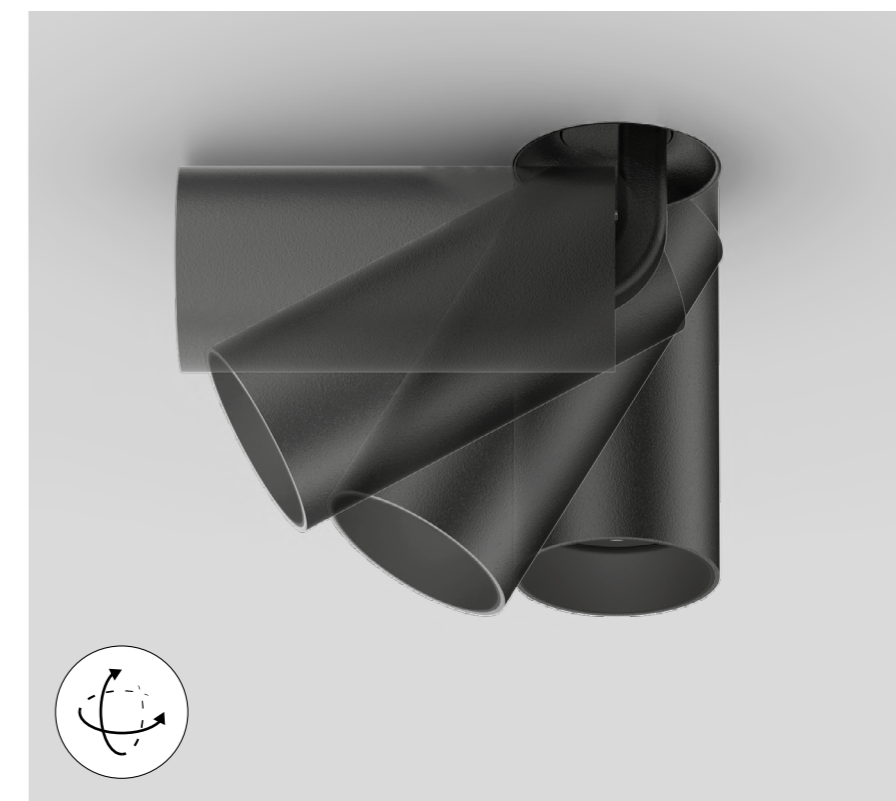
FR MOVE IN flex offre la plus grande flexibilité possible. Le projecteur peut non seulement être tourné à 360°, mais aussi incliné à 90°. Cela permet de diriger la lumière exactement là où elle est nécessaire.



Ball catch system

EN Mounting and replacing MOVE IN spots is very easy. The spots are fixed in the system by a ball catch system. This in turn can be installed in three different positions – for flexible adaptation of the lighting to changing requirements and conditions.

FR Le montage et le remplacement des spots MOVE IN sont très simples. Les spots sont fixés dans le système par un système d'encliquetage à billes. Celui-ci peut être installé dans trois positions différentes. Pour une adaptation flexible de l'éclairage aux exigences et conditions changeantes.





MOVE IN round

recessed

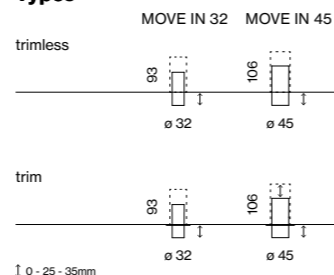
EN Round spotlight element in aluminium, available in 2 sizes; powder coated; installation without tools in mounting set (trimless or with trim) with ball catch system; special mounting tool for easy installation of the trimless housing available as an accessory; spotlight element height adjustable without tools: flush with the ceiling, or extended 25 mm or 35 mm; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristic; good glare reduction due to recessed light point plane; optical attachments as accessories

FR Élément de spot rond en aluminium, disponible dans 2 tailles ; thermolaquée ; montage sans outil en kit de montage (sans bord ou avec bord continu) par système à déclic à bille ; outil de montage spécial pour faciliter la mise en place du boîtier sans rebord proposé comme accessoire ; élément de spot réglable en hauteur sans outil : affleurant avec le plafond, dépassant de 25 mm ou 35 mm ; Technologie COB (Chip on Board) pour efficacité maximale ; pas de formation d'ombres multiples ; LED économes en énergie à restitution de couleur élevée ; réflecteur de grande qualité, métallisée à l'aluminium avec optique facette ; caractéristique de rayonnement précise ; bon anti-éblouissement grâce aux points lumineux en retrait ; éléments optiques comme accessoires

Quickinfo

2700 K, 3000 K
 CRI ≥ 90, 3 SDCM
 MOVE IN 32 up to 86 lm/W
 MOVE IN 45 up to 95 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2

Types



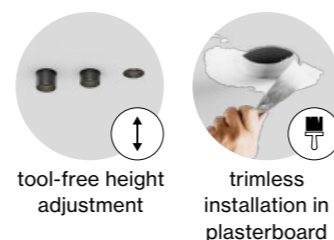
Inset colours



Housing colours



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

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

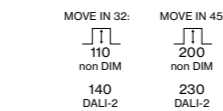
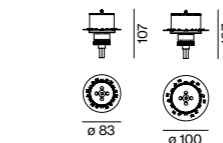
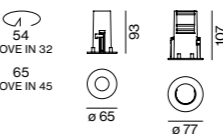
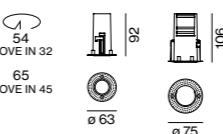
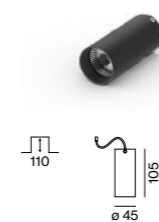
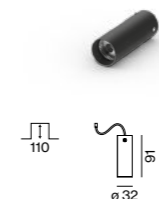
HOUSING COLOUR	
○ traffic white RAL 9016	7
● silver-grey	G
● jet black RAL 9005	8

BEAM ANGLE	
MOVE IN 32 / 45	▲
spot 18° / 14°	S
medium 23° / 24°	M
flood 37° / 39°	F

Options on request

MOUNTING HOUSING	
special colours	

POWER SUPPLY	
DIM 1-10V	



MOVE IN 32 round



SPOTLIGHT incl. connection cable 600 mm		
INSET POWER	LUMINOUS FLUX	ORDER CODE
8.8 W 36 Vf 250 mA	755 lm	063-81111 :: 1 ■ ▲

MOVE IN 45 round



SPOTLIGHT incl. connection cable 600 mm		
INSET POWER	LUMINOUS FLUX	ORDER CODE
12.8 W 37 Vf 350 mA	spot 1010 lm	063-81212 :: 1 ■ S
13.5 W 36 Vf 400 mA	1280 lm	063-81212 :: 1 ■ ▲

Mounting accessories

MOUNTING HOUSING TRIMLESS		
for installation in plasterboard ceilings 9-25 mm		
TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	63-93	063-8811117
MOVE IN 45	75-106	063-8812117

MOUNTING HOUSING WITH TRIM		
for installation in ceilings from 2-25 mm		
TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	65-93	063-8821111 ■
MOVE IN 45	77-107	063-8822111 ■

SPECIAL MOUNTING TOOL		
TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	83-9	063-89111110
MOVE IN 45	100-9	063-89121110

necessary to install mounting housing trimless

Electrical accessories

POWER SUPPLY 220-240 V AC, 50-60 Hz, PC II			
TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
250 mA non DIM	η 80 %	65-39-20	002-90742
250 mA DALI-2	η 82 %	147-33-23	002-90743
350 mA non DIM	η 85 %	180-30-21	002-90722
350 mA DALI-2	η 83 %	210-30-21	002-90723
400 mA non DIM	η 88 %	180-30-21	002-90724
400 mA DALI-2	η 84 %	210-30-21	002-90725

MOVE IN 32 trimless revision opening required

DIN RAIL COMPONENTS

POWER SUPPLY 220-240 V AC	W-H-D (mm)	ORDER CODE
96 W 48 V DC constant voltage	90-90-60	005-6520210
LED DRIVER DALI-2 DT6 1-2 addr.	36-88-59	005-6121030
200-1050 mA settable const. current		
2 × 42 W 48 V DC U _{OUT} 10-40 V		

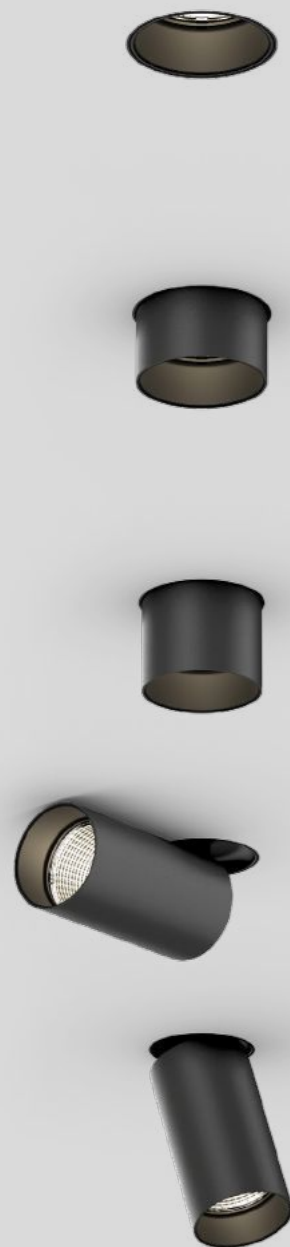
for more details and components see page Seite 981

Optical accessories

HONEYCOMB LOUVER		
TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	30-3	007-1965168
MOVE IN 45	42-3	007-1965188

INSET POWER is the current consumption excluding any ballast
 LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector flood 2700 K -6%

← back



MOVE IN flex

recessed

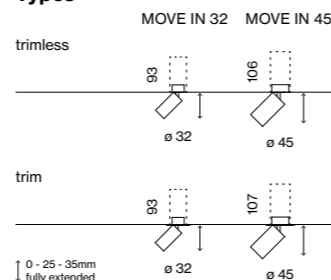
EN Round spotlight element in aluminium, available in 2 sizes; powder coated; installation without tools in mounting set (trimless or with trim) with ball catch system; special mounting tool for easy installation of the trimless housing available as an accessory; spotlight element height adjustable without tools: flush with the ceiling, or extended 25 mm or 35 mm; spotlight head rotates 360° and tilts 90°; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristic; good glare reduction due to recessed light point plane; optical attachments as accessories

FR Élément de spot rond en aluminium, disponible dans 2 tailles ; thermolaquée ; montage sans outil en kit de montage (sans bord ou avec bord continu) par système à déclic à bille ; outil de montage spécial pour faciliter la mise en place du boîtier sans rebord proposé comme accessoire ; élément de spot réglable en hauteur sans outil : affleurant avec le plafond, dépassant de 25 mm ou 35 mm ; tête de spot pivotant à 360° et orientable à 90° ; Technologie COB (Chip on Board) pour efficacité maximale ; pas de formation d'ombres multiples ; LED économes en énergie à restitution de couleur élevée ; réflecteur de grande qualité, métallisée à l'aluminium avec optique facette ; caractéristique de rayonnement précise ; bon anti-éblouissement grâce aux points lumineux en retrait ; éléments optiques comme accessoires

Quickinfo

2700 K, 3000 K
CRI ≥ 90, 3 SDCM
MOVE IN 32 up to 86 lm/W
MOVE IN 45 up to 95 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



Inset colours



Housing colours



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

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

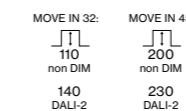
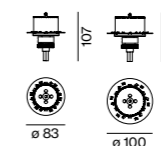
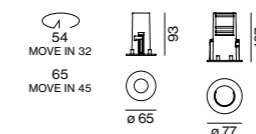
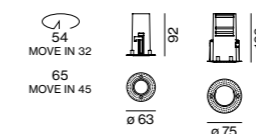
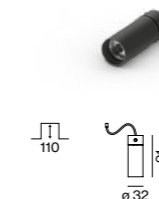
HOUSING COLOUR	
○ traffic white RAL 9016	7
● silver-grey	G
● jet black RAL 9005	8

BEAM ANGLE	
MOVE IN 32 / 45	▲
spot 18° / 14°	S
medium 23° / 24°	M
flood 37° / 39°	F

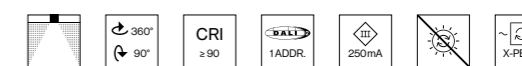
Options on request

MOUNTING HOUSING	
special colours	

POWER SUPPLY	
DIM 1-10V	



MOVE IN 32 flex



SPOTLIGHT incl. connection cable 600 mm

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.8 W 36 Vf 250 mA	755 lm	063-82111

MOVE IN 45 flex



SPOTLIGHT incl. connection cable 600 mm

INSET POWER	LUMINOUS FLUX	ORDER CODE
12.8 W 37 Vf 350 mA	spot 1010 lm	063-82211
13.5 W 36 Vf 400 mA	1280 lm	063-82211

Mounting accessories

MOUNTING HOUSING TRIMLESS
for installation in plasterboard ceilings 9-25 mm

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	63-93	063-8811117
MOVE IN 45	75-106	063-8812117

MOUNTING HOUSING WITH TRIM
for installation in ceilings from 2-25 mm

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	65-93	063-8821111
MOVE IN 45	77-107	063-8822111

SPECIAL MOUNTING TOOL

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	83-9	063-89111110
MOVE IN 45	100-9	063-89121110

necessary to install mounting housing trimless

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
250 mA non DIM	η 80 %	65-39-20	002-90742
250 mA DALI-2	η 82 %	147-33-23	002-90743
350 mA non DIM	η 85 %	180-30-21	002-90722
350 mA DALI-2	η 83 %	210-30-21	002-90723
400 mA non DIM	η 88 %	180-30-21	002-90724
400 mA DALI-2	η 84 %	210-30-21	002-90725

MOVE IN 32 trimless revision opening required

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC	90-90-60	005-6520210
96 W 48 V DC constant voltage		
LED DRIVER DALI-2 DT6 1-2 addr.	36-88-59	005-6121030
200-1050 mA settable const. current		
2 × 42 W 48 V DC U _{OUT} 10-40 V		

for more details and components see page Seite 981

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN flex 32	30-3	007-1965168
MOVE IN flex 45	42-3	007-1965188

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector flood 2700 K -6 %

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



← back



MOVE IN 45 square

recessed

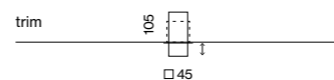
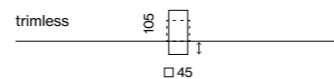
EN Square spotlight element in aluminium; powder coated; installation without tools in mounting set (trimless or with trim) with ball catch system; special mounting tool for easy installation of the trimless housing available as an accessory; spotlight element height adjustable without tools: flush with the ceiling, or extended 25 mm or 35 mm; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristic; good glare reduction due to recessed light point plane; optical attachments as accessories

FR Elément de spot carré en aluminium; thermolaquée; montage sans outil en kit de montage (sans bord ou avec bord continu) par système à dé clic à bille; outil de montage spécial pour faciliter la mise en place du boîtier sans rebord proposé comme accessoire; élément de spot réglable en hauteur sans outil: affleurant avec le plafond, dépassant de 25 mm ou 35 mm; Technologie COB (Chip on Board) pour efficacité maximale; pas de formation d'ombres multiples; LED économes en énergie à restitution de couleur élevée; réflecteur de grande qualité, métallisée à l'aluminium avec optique facette; caractéristique de rayonnement précise; bon anti-éblouissement grâce aux points lumineux en retrait; éléments optiques comme accessoires

Quickinfo

2700 K, 3000 K
CRI ≥ 90, 3 SDCM
up to 95 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



0 - 25 - 35mm

Inset colours



Housing colours



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

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

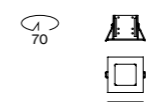
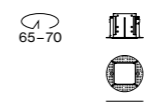
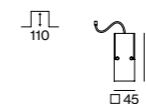
HOUSING COLOUR	
○ traffic white RAL 9016	7
● silver-grey	G
● jet black RAL 9005	8

BEAM ANGLE	
spot 14°	S
medium 24°	M
flood 39°	F

Options on request

MOUNTING HOUSING	
special colours	

POWER SUPPLY	
DIM 1-10V	



180 non DIM
210 DALI-2

MOVE IN 45 square



SPOTLIGHT incl. connection cable 600 mm

INSET POWER	LUMINOUS FLUX	ORDER CODE
12.8 W 37 Vf 350 mA	spot 1010 lm	0 6 3 - 8 4 2 1 :: 1 ■ S
13.5 W 36 Vf 400 mA	1280 lm	0 6 3 - 8 4 2 1 :: 1 ■ ▲

Mounting accessories

MOUNTING HOUSING TRIMLESS
for installation in plasterboard ceilings 9-25 mm

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 45	80-54	0 6 3 - 8 8 3 2 1 1 7

MOUNTING HOUSING WITH TRIM
for installation in ceilings from 2-25 mm

TYPE	L-W-H (mm)	ORDER CODE
MOVE IN 45	78-78-55	0 6 3 - 8 8 4 2 1 1 ■

SPECIAL MOUNTING TOOL

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 45	100-9	0 6 3 - 8 9 1 2 1 1 0

necessary to install mounting housing trimless

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
350 mA non DIM	η 85 %	180-30-21	0 0 2 - 9 0 7 2 2
350 mA DALI-2	η 83 %	210-30-21	0 0 2 - 9 0 7 2 3
400 mA non DIM	η 88 %	180-30-21	0 0 2 - 9 0 7 2 4
400 mA DALI-2	η 84 %	210-30-21	0 0 2 - 9 0 7 2 5

DIN RAIL COMPONENTS

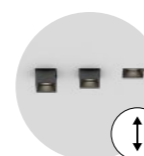
TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48V DC constant voltage	90-90-60	0 0 5 - 6 5 2 0 2 1 0
LED DRIVER DALI-2 DT6 1-2 addr. 200-1050 mA settable const. current 2 × 42 W 48 V DC U _{OUT} 10-40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page Seite 981

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 45	42-3	0 0 7 - 1 9 6 5 1 8 8



tool-free height adjustment

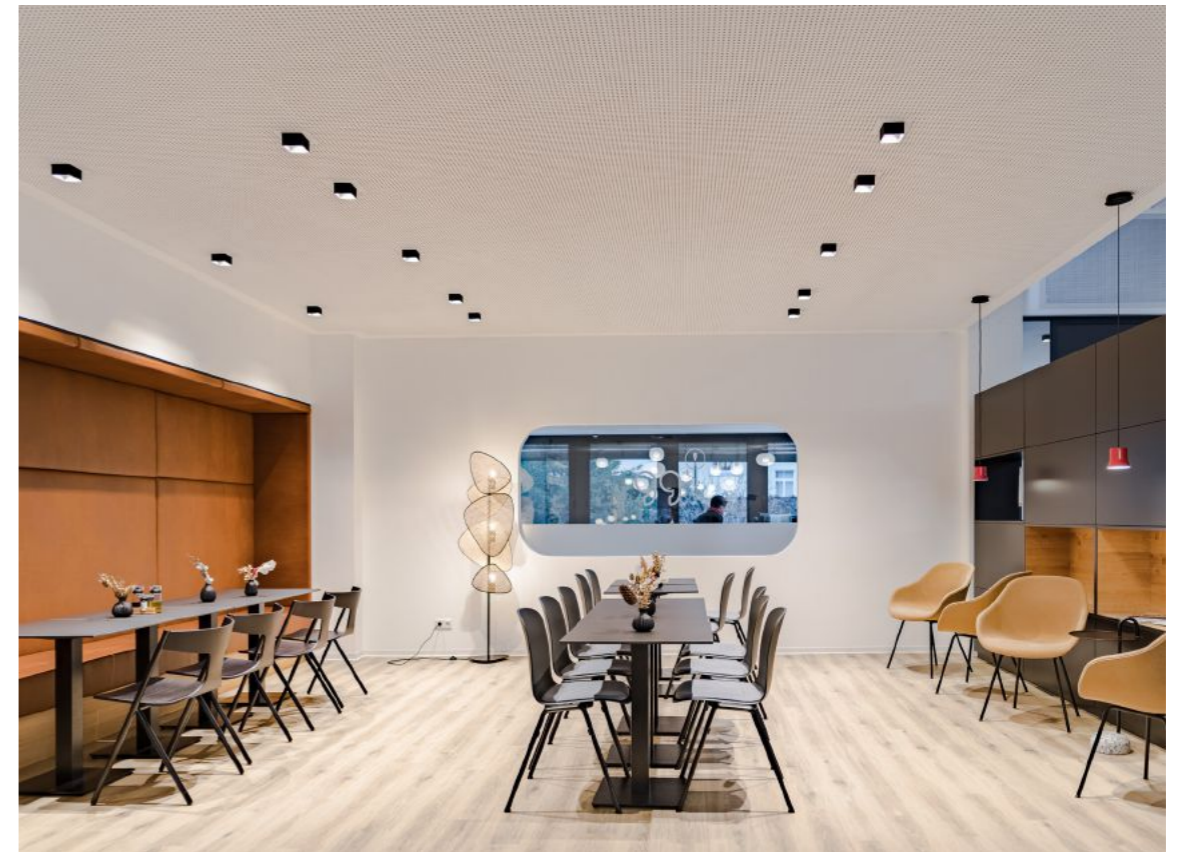


trimless installation in plasterboard

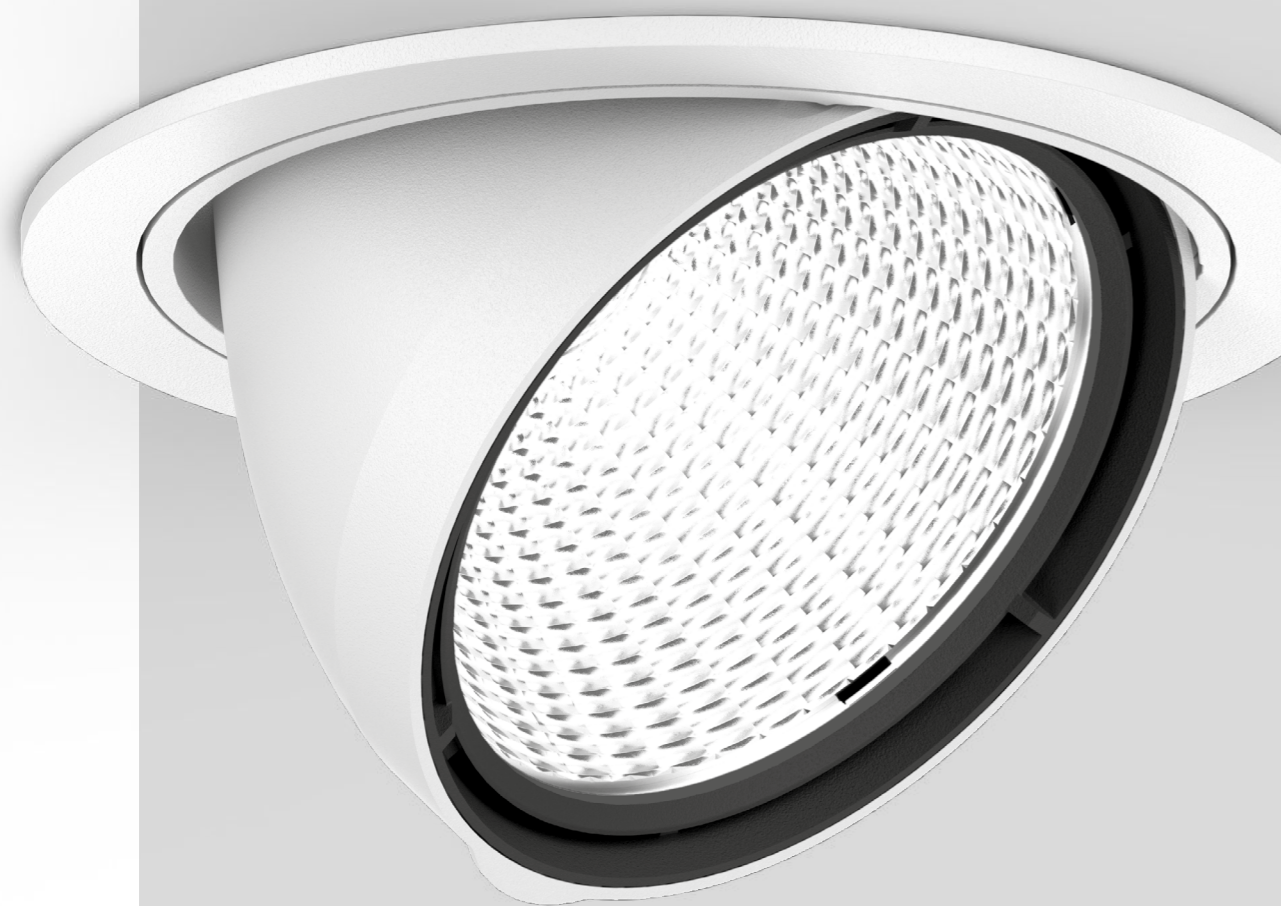
INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector flood 2700 K -6 %



Lampenwelt GmbH Schlitz, DE –
lighting design by Lampenwelt GmbH



Add a little twist

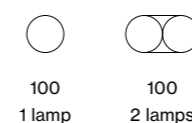


TWIST

EN A round recessed spotlight, ideal for retail. TWIST can be completely recessed into the ceiling or swivelled out and aligned, either bringing it to the fore or making it take a step back. Thanks to its 360° rotation and 45° tilt, it is highly flexible and adapts to evolving conditions in shops. The high-quality reflector produces precise beam characteristics with three different beam angles. TWIST is simply mounted without tools using a ball catch system. Excellent colour rendering value (CRI ≥ 90) at 2700 K, 3000 K, or 4000 K ensures outstanding product presentation.

FR Un projecteur encastré rond, idéal pour la vente au détail. TWIST se rend visible ou s'efface discrètement : ce spot peut être placé comme on le souhaite, soit complètement inséré dans le plafond, soit pivoté vers l'extérieur et basculé. Avec une rotation de 360° et un basculement de 45°, il est extrêmement flexible et s'adapte aux aménagements changeants des boutiques. Une caractéristique de rayonnement précise avec trois angles de rayonnement est possible grâce au réflecteur de grande qualité. Grâce à une fixation par système d'attrape-balles, TWIST est facile à installer sans outil. Un très bon indice de rendu des couleurs (CRI ≥ 90) d'environ 2700 K, 3000 K ou 4000 K permet d'obtenir une excellente présentation des produits.

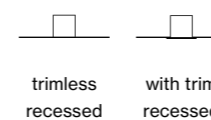
Types



100
1 lamp

100
2 lamps

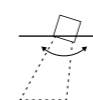
Mountings



trimless
recessed

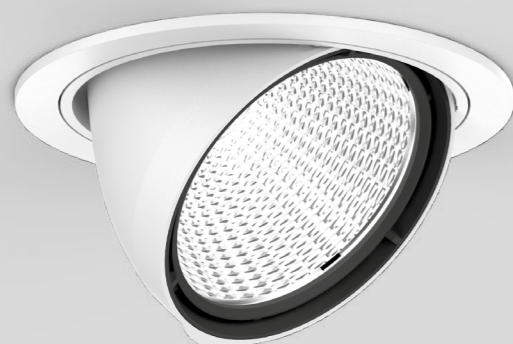
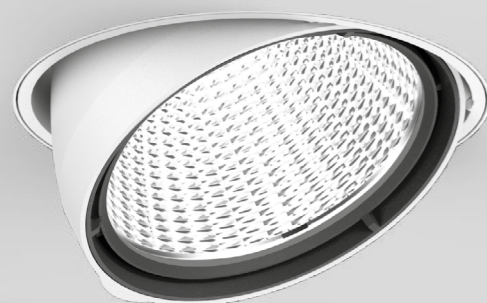
with trim
recessed

Light distribution



spotlight

← back



TWIST 100

recessed




EN Round recessed spotlight in die-cast aluminium; powder coated; installation without tools in mounting set (trimless or with trim) with ball catch system; 360° rotatable and 45° tiltable outward; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; high quality reflector with spherical facet finish; precise radiation characteristic; optical attachments as accessories; optical attachments can be combined

FR Spot rond encastrable en fonte d'aluminium injectée; thermolaquée; montage sans outil en kit de montage (sans bord ou avec bord continu) par système à déclic à bille; rotatif à 360° et pivotant à 45°; Technologie COB (Chip on Board) pour efficacité maximale; pas de formation d'ombres multiples; LED économes en énergie à restitution de couleur élevée; réflecteur de grande qualité avec optique facette sphérique; caractéristique de rayonnement précise; éléments optiques comme accessoires; les accessoires optiques peuvent être combinés entre eux

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 96lm/W
L80 @ 50 000h
non DIM, DALI-2

Types

trim		99
	ø 118	
trimless		88
	ø 105	
double trim		88
	218x118	

Colours



Light distributions



Order options

COLOUR TEMPERATURE	☐☐
3000K	5
4000K	6

CONTROL

non DIM
DALI-2

INSET COLOUR

☐ traffic white RAL 9016 (UGR ≤ 22)	7
● jet black RAL 9005 (UGR ≤ 16)	8

BEAM ANGLE

spot 17°	S
medium 28°	M
flood 38°	F

Options on request

COLOUR TEMPERATURE

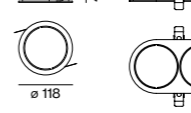
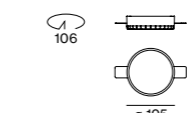
2700K

INSET COLOUR

● grey aluminium RAL 9007

MOUNTING SET COLOUR

● grey aluminium RAL 9007



TWIST 100 recessed



SPOTLIGHT ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
34 W	3250 lm	048-1120::1▲

Mounting accessories

TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12.5/15/25mm

COLOUR	ORDER CODE
☐ traffic white RAL 9016	048-2796117

MOUNTING SET WITH TRIM for intermediate ceilings 2-25mm

TYPE	COLOUR	ORDER CODE
1 lamp	☐ traffic white RAL9016	048-2796317
	● jet black RAL 9005	048-2796318
2 lamps*	☐ traffic white RAL9016	048-2798317
	● jet black RAL 9005	048-2798318

*do not use in combination with optical accessories

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
950 mA non DIM	η 89 %	136-43-30	002-90781
950 mA DALI-2	η 85 %	143-43-30	002-90782

THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4-12mm	105-58-30	005-2531110
DALI cable ø 4-12mm	105-58-30	005-2551110

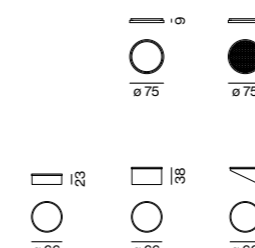
Optical accessories

LENS AND HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
linear prismatic lens	75-9	080-6402110P
honeycomb louver	75-9	080-6401118

SNOOT

TYPE	Ø-H (mm)	ORDER CODE
short	66-23	080-6403118
medium	66-38	080-6403218
angle	66-38	080-6403318



2 lamps mounting set

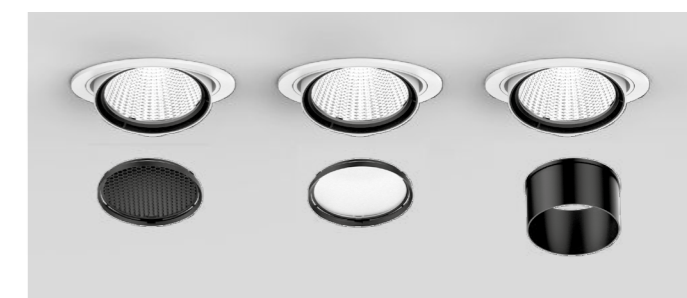


combine 2 optical accessories



360° rotatable, 45° tiltable

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 4000K, CRI ≥ 90, colour white, reflector medium 3000K -7%



use only one optical accessory



Kastner & Öhler, Kaufhaus Tyrol Innsbruck, AT –
by DIOMA AG / WHIR3 / K&Ö Bauabteilung with
lighting design by VEDDER.LICHTMANAGEMENT



Always and anywhere



SPADO

EN One design, two strengths. SPADO's version with a symmetrical beam is used as a downlight. The version with an asymmetrical beam shines as a wallwasher. The recessed light plane creates a discreet overall impression. It makes the chrome-polished reflector, despite its intense illumination and good colour rendering ($CRI \geq 80$), outstandingly glare-free and screen-friendly. SPADO spotlights are simply mounted without tools and are also suitable for wet rooms with its IP 44 protection class. For the light colours, you can choose between 2700K, 3000K or 4000K.

FR Un design, deux intensités. Avec un rayonnement symétrique, SPADO est utilisé comme downlight, alors que la version avec un rayonnement asymétrique brille comme wallwasher. Le niveau d'éclairage en retrait permet d'obtenir une impression générale subtile, de sorte que le spot chromé et poli exerce un excellent effet anti éblouissant malgré un éclairage intense et un bon rendu des couleurs ($CRI \geq 80$) ; il est ainsi également adapté au travail sur écran. Les spots SPADO sont faciles à installer sans outil et conformes à l'indice de protection IP 44, de sorte qu'ils sont adaptés pour les pièces humides. Température de couleurs, vous avez le choix entre 2700K, 3000K ou 4000K.

Types



round
100

round
150

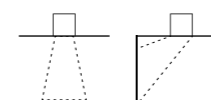
square
150

Mounting



trim
recessed

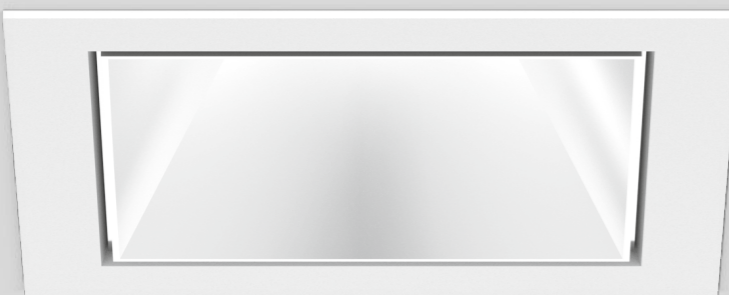
Light distributions



downlight

asymmetric

← back



SPADO 100/150

recessed

EN Round or square luminaire housing in die-cast aluminium; with trim; suitable for ceiling thickness of 2-25mm; surface powder coated; installation without tools using snap spring closure; reflector made of polycarbonate, polished chrome; choice of symmetric or asymmetric (only SPADO 150 round trim) radiation characteristic; lighting level recessed; energy-efficient LEDs with very good colour rendering; external converter for ceiling insertion, for through-wiring suitable; operating device suitable for use with a central battery system

FR Corps de luminaire rond ou carré en aluminium moulé ; avec bord continu ; convient aux épaisseurs de plafond de 2-25 mm ; surface thermolaquée ; montage sans outil avec fermeture par ressort à déclic ; réflecteur en polycarbonate, chromé brillant ; au choix avec caractéristiques de rayonnement symétriques ou asymétriques (uniquement SPADO 150 round trim) ; niveau de luminaire en retrait ; LED économes en énergie à restitution de couleur élevée ; convertisseur externe pour fente plafond, câblage continu adapté ; ballast approprié pour le fonctionnement sur un système de batterie centrale

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 118lm/W
L90 @ 50 000h
non DIM, DALI-2
↓ IP44/↑ IP20

Types

SPADO 100



SPADO 150



Colours



Light distributions



opal wall

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

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

Options on request

COLOUR TEMPERATURE
2700K

MOUNTING SET

acoustic soft ceilings
only for SPADO 100 round trim



DiiA® standards
251, 252, 253

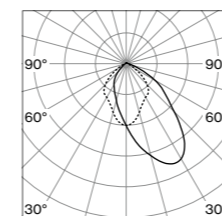


glare control
(UGR ≤ 19)



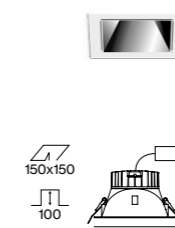
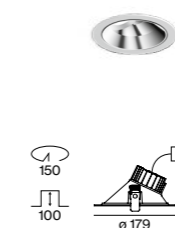
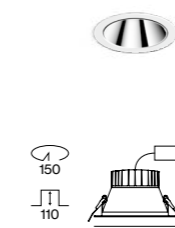
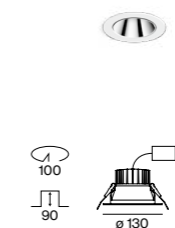
splash water
protection (IP44)

Light distribution



SPADO 150 asymmetric

LUMINOUS FLUX value calculated for 4000K, colour white, reflector chrome 3000K -5%



SPADO 100 round trim



DOWNLIGHT (↓ IP44/↑ IP20)

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
9.3W	990lm	049-31111

SPADO 150 round trim



DOWNLIGHT (↓ IP44/↑ IP20)

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
16.4W UGR ≤ 19	2350lm	049-3121
27.5W	3130lm	049-3123

SPADO 150 round trim



WALLWASHER ASYMMETRIC (↓ IP44/↑ IP20)

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
10.7W	944lm	049-3122

SPADO 150 square trim



DOWNLIGHT (↓ IP44/↑ IP20)

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
16.4W UGR ≤ 19	2380lm	049-3151
27.5W	3170lm	049-3152

Mounting accessories

EXPOSED CONCRETE CEILINGS

TYPE	L-W-H (mm)	ORDER CODE
SPADO 150 round	295-295-160	049-3191210
SPADO 150 square	400-260-160	049-3192210

PRIMED CONCRETE CEILINGS

TYPE	Ø-H (mm)	ORDER CODE
SPADO 150 round/square	307-170	049-3191410

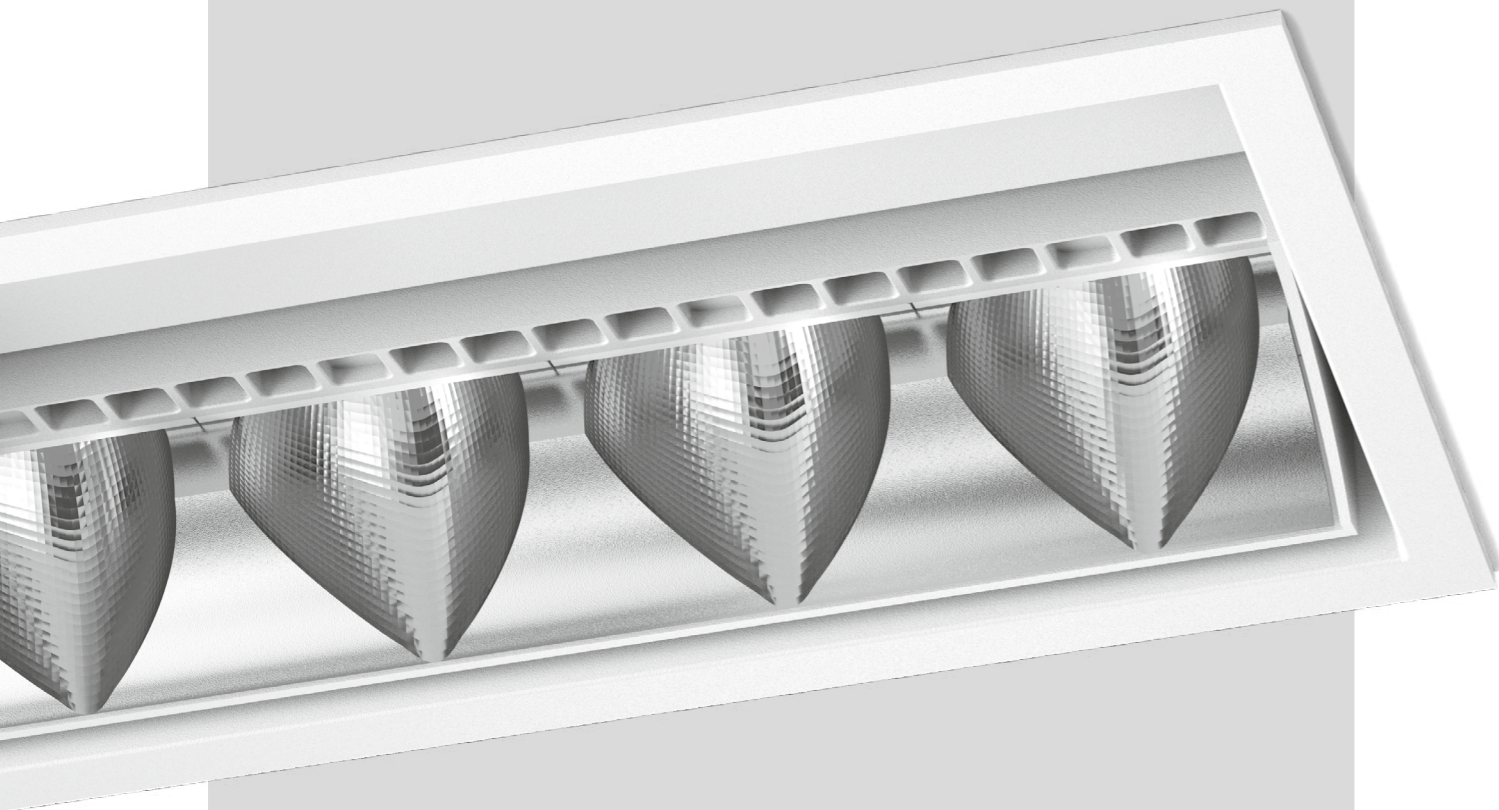
moovel group
Stuttgart, DE –
by FURCH GESTALTUNG +
PRODUKTION GMBH



Sparkasse
Rüsselsheim, DE –
by Zaeske und Partner
Architekten BDA



High-precision shelf lighting



SQUADRO

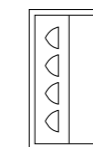
EN SQUADRO is a track-mounted and recessed spotlight for the retail sector that bundles six essential retail requirements in one luminaire. Free-form reflectors with faceted optics make a polished presentation of goods possible. These reflectors direct the light precisely into shelves or aisle zones. Directed light creates a modelling effect on the products and delivers attractive staging. Swivelling light modules illuminate specific shelf levels or billboards while providing plenty of basic lighting. SQUADRO spotlights are completely glare-free, both transversely and longitudinally. They are highly efficient in their energy balance with an efficiency of over 90%.

FR SQUADRO est un luminaire encastrable ou pour un rail 220 V triphasé, conçu spécialement pour le secteur du détail qui réunit six grandes exigences en un seul appareil. Une optique unique à facettes permet une brillance des produits exposés. Ces réflecteurs dirigeront avec une grande précision le flux lumineux sur les rayonnages ainsi que les zones de passages. Les modules orientables éclairent de manière ciblée certains niveaux d'étagères ou des panneaux d'affichage, tout en assurant un éclairage ambiant suffisant. Les SQUADRO sont non éblouissants sur les 2 axes, transversale et longitudinale. Ils sont de très haute efficacité et présentent dans leur bilan énergétique un rendement supérieur à 90%.

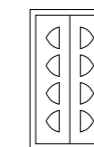
Types



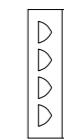
single-sided
1x2



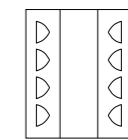
single-sided
1x4



double-sided
2x4



single-sided
1x4



double-sided
2x4

Mountings

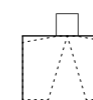


recessed

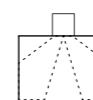


track

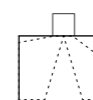
Light distributions



wall floor

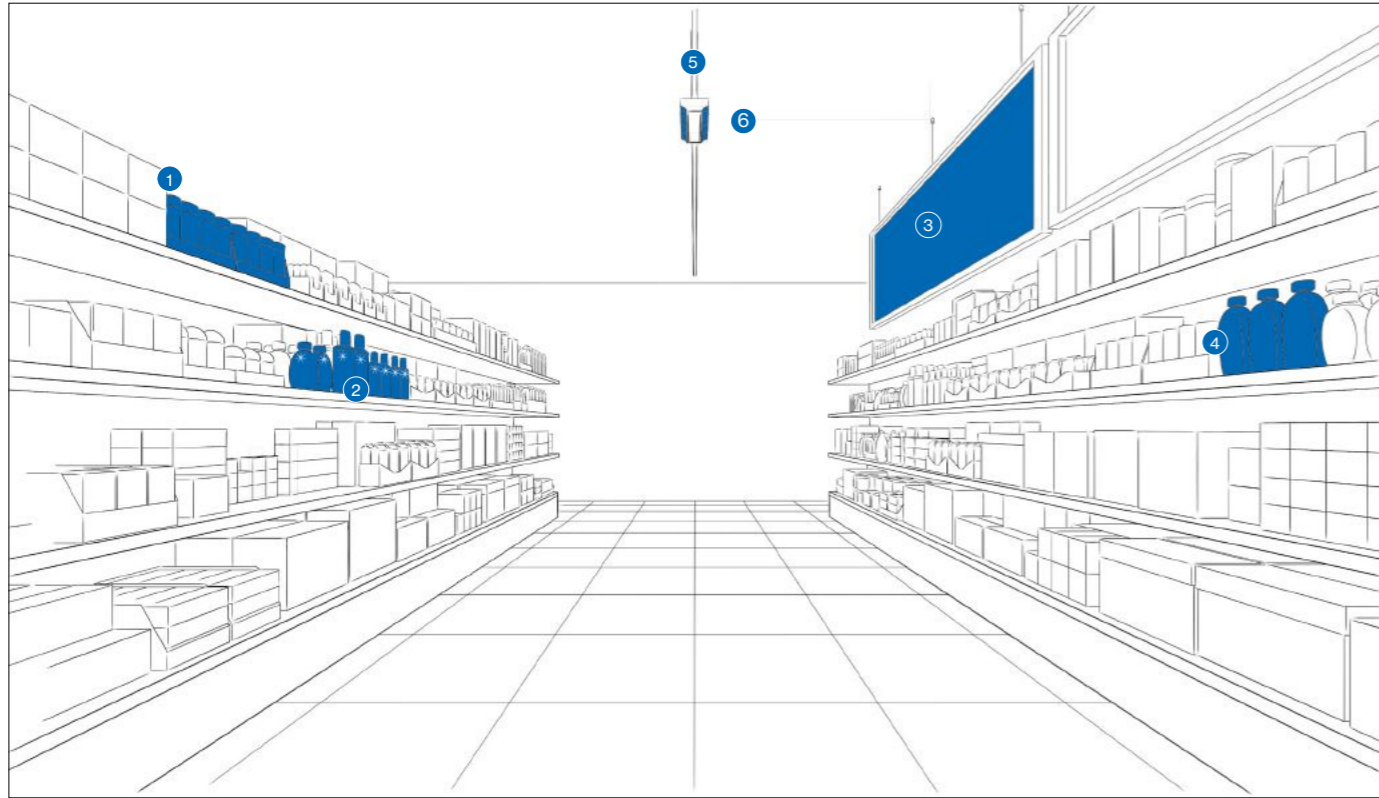


shelf floor



wall/shelf
floor

6-in-1 Lighting solution



EN SQUADRO combines all the advantages of traditional retail lighting solutions in one luminaire. The spotlights are transversely and longitudinally glare-free and direct the light precisely onto the goods – into the heights and depths of the shelves. This achieves a strong product presentation. Thanks to proper light distribution, no additional light source is required for basic lighting.

FR SQUADRO combine en un seul luminaire tous les avantages des solutions d'éclairage classiques proposées pour le commerce de détail. Ces spots sont non éblouissants transversalement et longitudinalement et dirigent la lumière avec précision sur les produits, jusque très haut et très bas dans les étagères. Cela permet d'obtenir une forte mise en valeur du produit. Grâce à une bonne répartition de la lumière, aucune source de lumière supplémentaire n'est nécessaire pour l'éclairage d'ambiance.

1 EN The highest illuminance is on the upper two presentation levels.

FR L'intensité lumineuse la plus élevée est située sur les deux niveaux supérieurs de présentation.

2 EN Highlights on premium goods create a brilliant staging.

FR Les produits sont mis en scène de manière attrayante et brillante.

3 EN Directed light creates accents on billboards and subjects.

FR La lumière orientée permet d'attirer l'attention sur des panneaux publicitaires et des objets.

4 EN The high depth effect gives food high colour contrasts and attractiveness.

FR Grâce à l'important effet de profondeur, les aliments présentent de forts contrastes de couleurs et des points brillants.

5 EN Due to longitudinal glare control, the lighting system is barely perceptible to the customer in the direction of the aisle.

FR Grâce à l'antiéblouissement longitudinal, le système d'éclairage est à peine perceptible pour le client dans le sens de la marche.

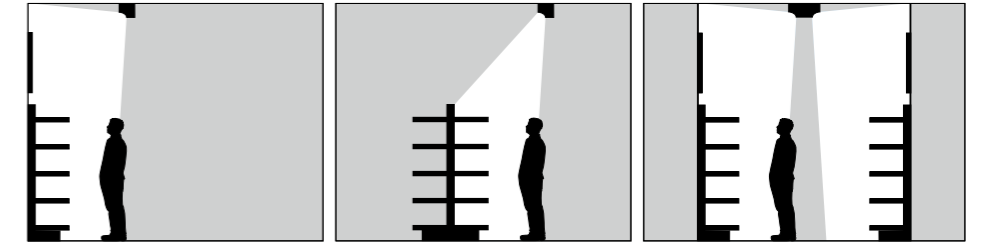
6 EN Transverse glare control additionally prevents glare from any viewing direction.

FR L'antiéblouissement transversal empêche de surcroît l'éblouissement sous tous les angles.

Five versions

EN SQUADRO's five variants with diverse beam characteristics respond to different shop layouts and requirements. Perfect alignment ensures that minimal luminaires radiate as much light as possible onto the merchandise. SQUADRO adapts to the conditions and illuminates selectively and without scatter loss. All goods are thus attractively presented regardless of the size or interior design of the shop.

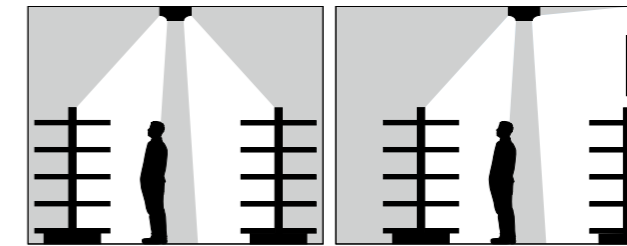
FR SQUADRO répond aux exigences et aux agencements de boutiques les plus divers avec cinq variantes présentant différentes caractéristiques de rayonnement. Afin que peu de lampes envoient autant de lumière que possible sur les produits, ce qui importe est une orientation parfaite. SQUADRO s'adapte à la conformation du site et éclaire de manière ciblée et sans perte de diffusion. Ainsi, tous les produits, quels que soient la taille ou le design intérieur du magasin, sont mis en scène de manière attrayante.



Wall Floor (single-side)

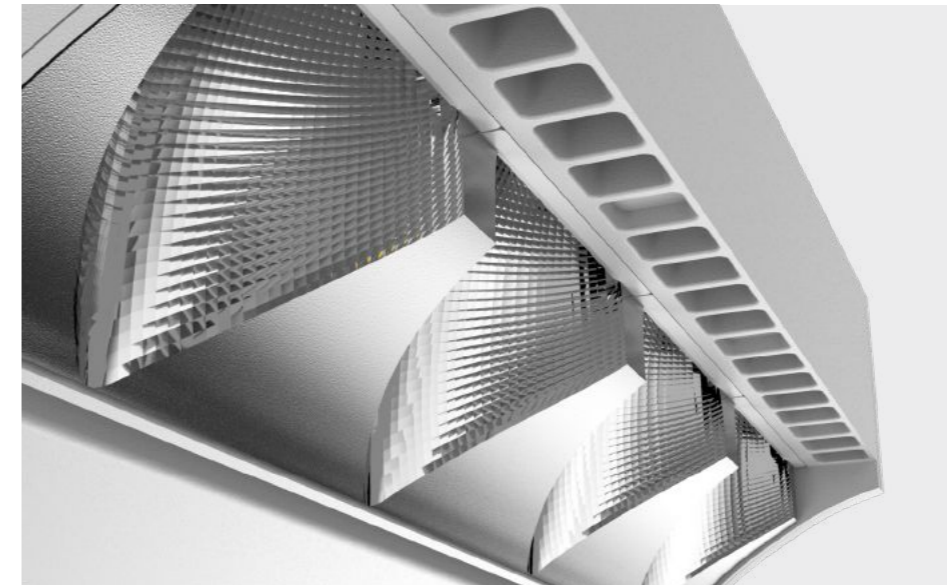
Shelf Floor (single-side)

Wall Floor (double-side)



Shelf Floor (double-side)

Shelf / Wall Floor



Unique reflector technology

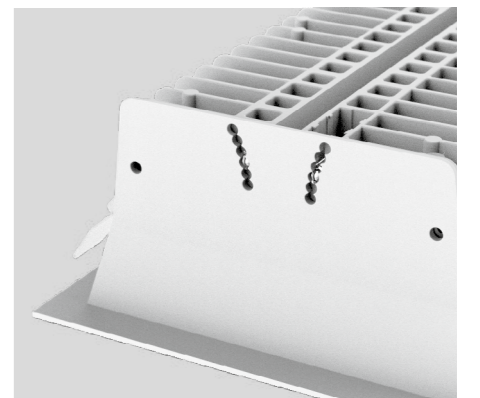
EN Custom free-form reflectors ensure high-precision light control; each SQUADRO achieves an efficiency of over 90 per cent. The spotlights enjoy optimum glare control through the curved shape and secondary reflector technology.

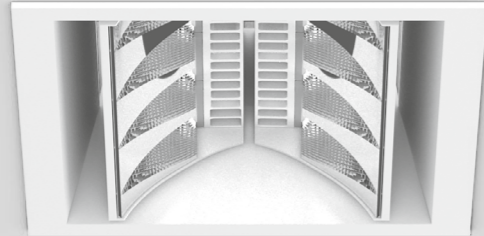
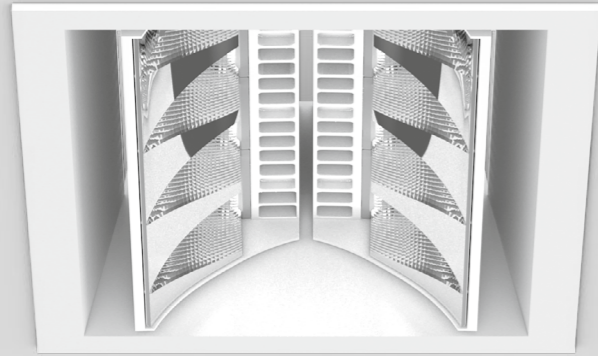
FR Des réflecteurs spéciaux à facettes assurent un guidage hautement précis de la lumière, et chaque SQUADRO atteint un degré d'efficacité de plus de 90 pour cent. L'anti-éblouissement est obtenu par la forme incurvée et la technologie de réflecteurs secondaires des spots.

Effective lighting

EN Branches of the same chain often differ in their shop architecture. Shelf heights and aisle widths may vary from one location to another. The solution is step-adjustable light modules. The elements can be tilted from -15° to $+20^\circ$. Each module can be tilted asymmetrically, allowing precise alignment and thus optimum light control.

FR Les filiales d'une même chaîne se différencient souvent par l'architecture du magasin. Les hauteurs des étagères et la largeur des allées peuvent varier selon les sites. La solution : des modules d'éclairage réglables graduellement. Les éléments sont inclinables de -15° à $+20^\circ$. Chaque module peut être incliné de manière asymétrique et permet une orientation précise et donc un guidage optimal de la lumière.





SQUADRO wallwasher

recessed

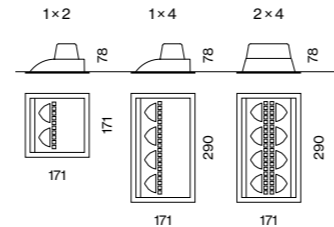
EN Recessed ceiling spotlight in die cast aluminium in 2 sizes, in different types (2 lamps, 4 lamps or 2 x 4 lamps) and with 2 types of light modules (for shelf floor washer and wall floor washer); with trim; surface powder coated; installation without tools using snap spring closure; aisle spotlight with special, multi-free-form, facet effect surface reflectors for high precision light control; precise shelf and aisle zone lighting, optimum longitudinal glare control for high viewing comfort in the aisle zone, adjustable light modules; COB (Chip on Board) technology for maximum efficiency; efficient LEDs with very good colour rendering; IP 40 protection glass available as an accessory

FR Spot encastré en alu moulé dans 2 tailles, en variantes différentes (à 2, à 4 ou 2 x 4 lampes) et avec deux modules lumineux différents (pour shelf floor washer et wall floor washer); avec bord continu; surface thermolaquée; montage sans outil avec fermeture par ressort à dé clic; Spot pour couloirs avec réflecteurs spéciaux multiples dotés d'une technologie à forme libre avec opt. à facettes pour un guidage très précis du flux lum.; éclairage précis des étagères et des couloirs, anti-éblouissement longitudinal optimal pour un confort visuel élevé dans les couloirs, modules lumineux réglables; Technologie COB pour efficacité max.; LED efficaces à restitution de couleur élevée; verre de prot. IP 40 comme accessoire

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 134lm/W
L80 @ 50 000h
non DIM, DALI-2

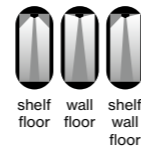
Types



Colours



Light distributions



Order options

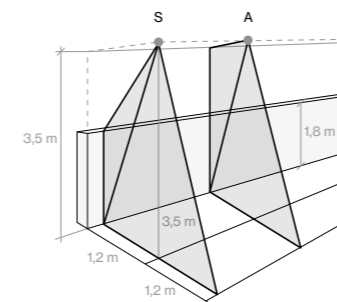
COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

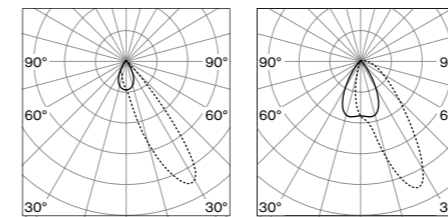
MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8

REFLECTOR	
shelf floor washer	S
wall floor washer	A
1 x shelf / 1 x wall floor washer*	B

*only for 2 x 4 lamps

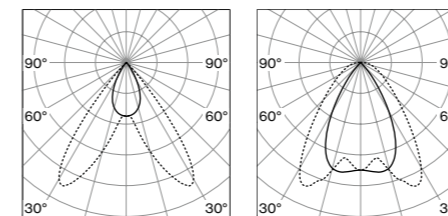


Light distributions



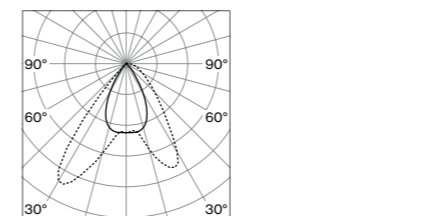
1 x 4 lamps
shelf floor washer

1 x 4 lamps
wall floor washer



2 x 4 lamps
shelf floor washer

2 x 4 lamps
wall floor washer

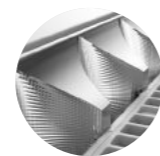


2 x 4 lamps
1 x shelf / 1 x wall floor washer

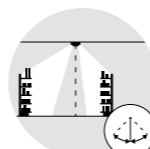
LUMINOUS FLUX value calculated for 4000K (3000K -5%), colour white, wall floor washer



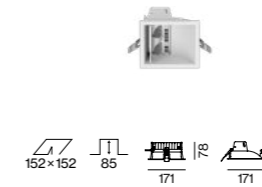
DiiA® standards
251, 252, 253



glare-free reflector
longitudinally &
transversely



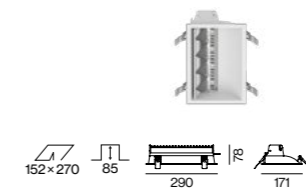
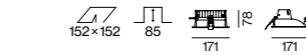
+20° up to -15°
tiltable



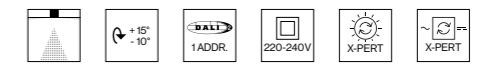
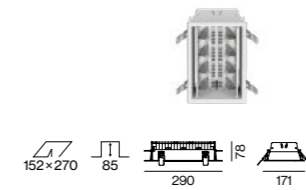
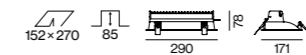
SQUADRO wallwasher trim



1 x 2 LAMPS SINGLE-SIDED		ORDER CODE
SYSTEM POWER	25.3 W	0 49 - 2 0 1 1 ::
LUMINOUS FLUX	3250 lm	



1 x 4 LAMPS SINGLE-SIDED		ORDER CODE
SYSTEM POWER	51 W	0 49 - 2 0 3 1 ::
LUMINOUS FLUX	6490 lm	



2 x 4 LAMPS DOUBLE-SIDED		ORDER CODE
SYSTEM POWER	86 W	0 49 - 2 0 4 0 ::
LUMINOUS FLUX	2 x 5760 lm	
	101 W	0 49 - 2 0 4 1 ::
	2 x 6495 lm	

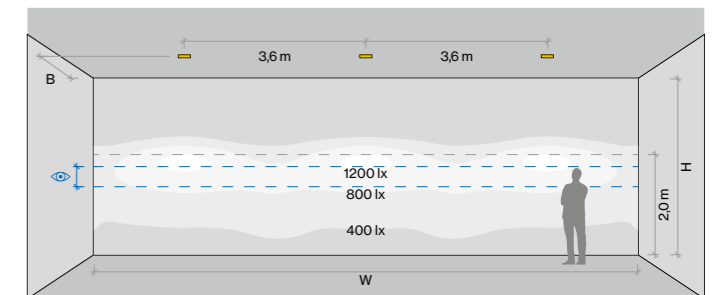
Optical accessories

IP 40 PROTECTION GLASS

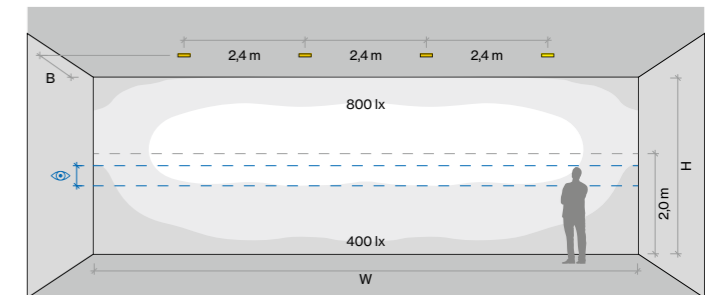
TYPE		ORDER CODE
1 x 2 lamps / single-sided		0 49 - 2 9 1 0 0 1 0
1 x 4 lamps / single-sided		0 49 - 2 9 3 0 0 1 0
2 x 4 lamps / double-sided		0 49 - 2 9 4 0 0 1 0

Technical data

SQUADRO 1 x 4 lamps, shelf wall washer, trim, 51W, 3000K



SQUADRO 1 x 4 lamps, wall floor washer, trim, 51W, 3000K



ROOM VALUES		CALCULATION SURFACE	
Wall dimensions	H = 3.5 m W = 10.8 m	Surface dimensions	10.8 x 3.5 m
Distance to wall	B = 1.3 m	Surface height	0 - 3.5 m
Aisle width	2.6 m		
Reflection factor	0.7 0.7 0.2	Eye level	1.35 m - 1.75 m
Maintenance factor	0.9		



Casagrande Luxury Lifestyle
Lucerne, CH –
by Obrist interior AG



← back



SQUADRO wallwasher track

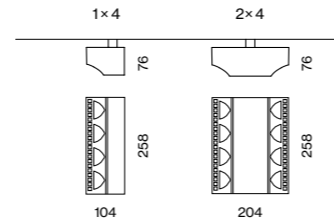
EN Track light in die cast aluminium in two different types (4 lamps or 2x4 lamps) and with 2 types of light modules (for shelf floor washer and wall floor washer); surface powder coated; aisle spotlight with special, multi-free-form, facet effect surface reflectors for high precision light control; precise shelf and aisle zone lighting, optimum longitudinal glare control for high viewing comfort in the aisle zone, adjustable light modules; COB (Chip on Board) technology for maximum efficiency; efficient LEDs with very good colour rendering; IP40 protection glass available as an accessory; including attachment for linear alignment of the spotlights

FR Spot sur rail en aluminium moulé en 2 variantes différentes (à 4 lampes ou 2x4 lampes) avec deux modules lumineux différents (pour shelf floor washer et wall floor washer); surface thermolaquée; Spot pour couloirs avec réflecteurs spéciaux multiples dotés d'une technologie à forme libre avec optique à facettes pour un guidage extrêmement précis du flux lumineux; éclairage précis des étagères et des couloirs, anti-éblouissement longitudinal optimal pour un confort visuel élevé dans les couloirs, modules lumineux réglables; Technologie COB (Chip on Board) pour efficacité maximale; LED économes en énergie à restitution de couleur élevée; verre de protection IP40 disponible comme accessoire; y compris la fixation pour l'alignement linéaire des projecteurs

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 134lm/W
L80 @ 50 000h
non DIM, DALI-2

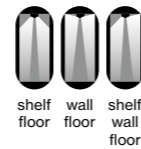
Types



Colours



Light distributions



Order options

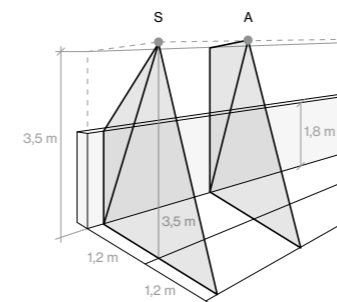
COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

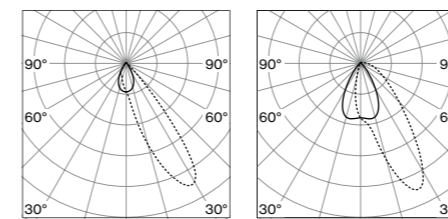
MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8

REFLECTOR	
shelf floor washer	S
wall floor washer	A
1x shelf/1x wall floor washer*	B

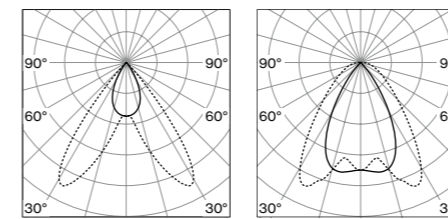
*only for 2x4 lamps



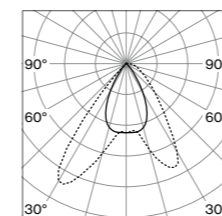
Light distributions



1x4 lamps shelf floor washer | 1x4 lamps wall floor washer



2x4 lamps shelf floor washer | 2x4 lamps wall floor washer

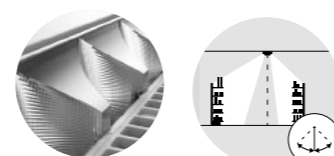


2x4 lamps 1x shelf/1x wall floor washer

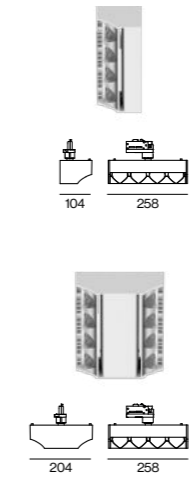
LUMINOUS FLUX value calculated for 4000K (3000K -5%), colour white, wall floor washer



DiiA® standards 251, 252, 253



glare-free reflector longitudinally & transversely +20° up to -15° tiltable



SQUADRO wallwasher track



1x4 LAMPS SINGLE-SIDED

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
51W	6610lm	149-2231



2x4 LAMPS DOUBLE-SIDED

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
86W	2x5760lm	149-2240
101W	2x6490lm	149-2241

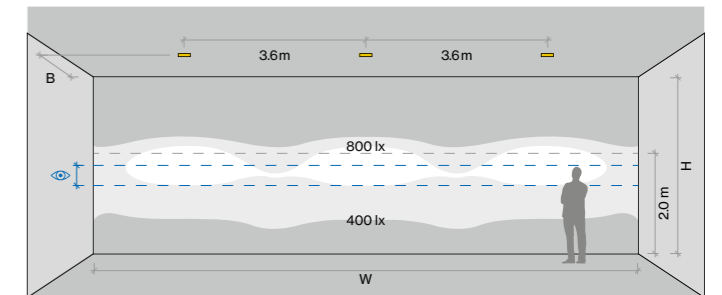
Optical accessories

IP 40 PROTECTION GLASS

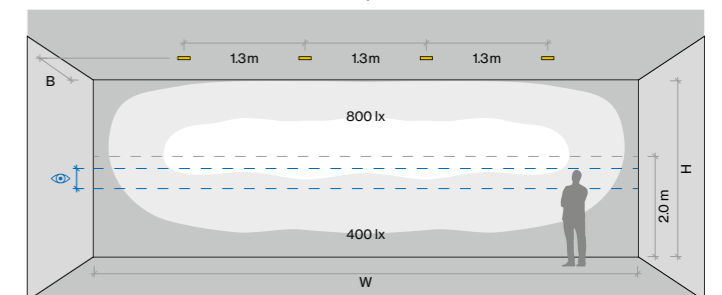
TYPE	ORDER CODE
1x4 lamps/single-sided	049-2930010
2x4 lamps/double-sided	049-2940010

Technical data

SQUADRO shelf floor washer, 1x4 lamps, +5° tilt, 51W, 3000K



SQUADRO wall floor washer, 1x4 lamps, +5° tilt, 51W, 3000K



ROOM VALUES	CALCULATION SURFACE
Wall dimensions H = 3.5m W = 10.8m	Surface dimensions 10.8 x 3.5m
Distance to wall B = 1.3m	Surface height 0 - 3.5m
Aisle width 2.6m	
Reflection factor 0.7 0.7 0.2	Eye level 1.35m - 1.75m
Maintenance factor 0.9	

Jelmoli Store
Zurich, CH



Oasis Store Melbourne, AU –
by Sync Design



Sutterlüthy Rankweil, AT –
by Hermann Kaufmann + Partner ZT GmbH



In the spotlight



BO

EN Beautiful design and flexibility distinguish the BO series of ceiling and track-mounted spotlights. Multiple sizes and different beam angles deliver great freedom in staging. The individual spotlights are available as semi-recessed or surface-mounted variants or as single or dual-lamp spotlights in an elegant base with an integrated driver, as well as track-mounted spotlights. Different housing and light colours (2700 K, 3000 K, or 4000 K) offer flexibility in different architectural concepts, and different versions promise excellent colour rendering with up to $\text{CRI} \geq 95$ (2-SDCM). The spots can be rotated up to 360° and swivelled 90° , making BO an ideal spotlight for shops and display areas.

FR Esthétique et flexible : c'est ce qui distingue la série de spots pour plafond et rails 220v triphasé BO. Diverses tailles et différentes optiques offrent une grande liberté dans la mise en scène. Les spots individuels sont disponibles en version semi-encastrée ou en saillie ou encore comme spots à une ou deux lampes dans une base élégante avec driver intégré ainsi que comme spots sur rail. Différentes couleurs de boîtiers et températures de couleur (2700 K, 3000 K et 4000 K) offrent une grande flexibilité pour tout type de concepts architecturaux et promettent dans chaque version une excellente restitution des couleurs avec un $\text{CRI} \geq 95$ (2-SDCM). Les spots sont pivotants jusqu'à 360° et inclinables à 90° ce qui fait de BO le spot idéal pour les boutiques et les surfaces de présentation.

Types



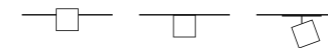
32

45

55

70

Mountings

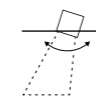


semi-recessed

surface

track

Light distribution



spotlight

Matched proportions

EN Elegance in the right measure: All BO product family spotlights are characterised by their decorative and simple aesthetics. Thanks to their reduced design and precisely coordinated proportions, all BO models can be combined with each other.

FR Une juste dose d'élégance : tous les spots de la gamme BO se démarquent par leur esthétique sobre et décorative. Grâce à leur design épuré et leurs proportions parfaitement harmonieuses, toutes les variantes de BO sont combinables entre elles.



Colour variety

EN BO is available in standard white and black. For even more design freedom, additional colour options are available so that you can tailor BO to your individual project. Learn more about our colour palette at xal.com/colours.

FR BO est proposé dans les couleurs standard blanc et noir. D'autres variantes de couleurs sont également disponibles pour une plus grande liberté de conception – vous pouvez ainsi personnaliser BO en fonction de votre projet. Rendez-vous sur xal.com/colours pour de plus amples renseignements sur notre palette de couleurs.



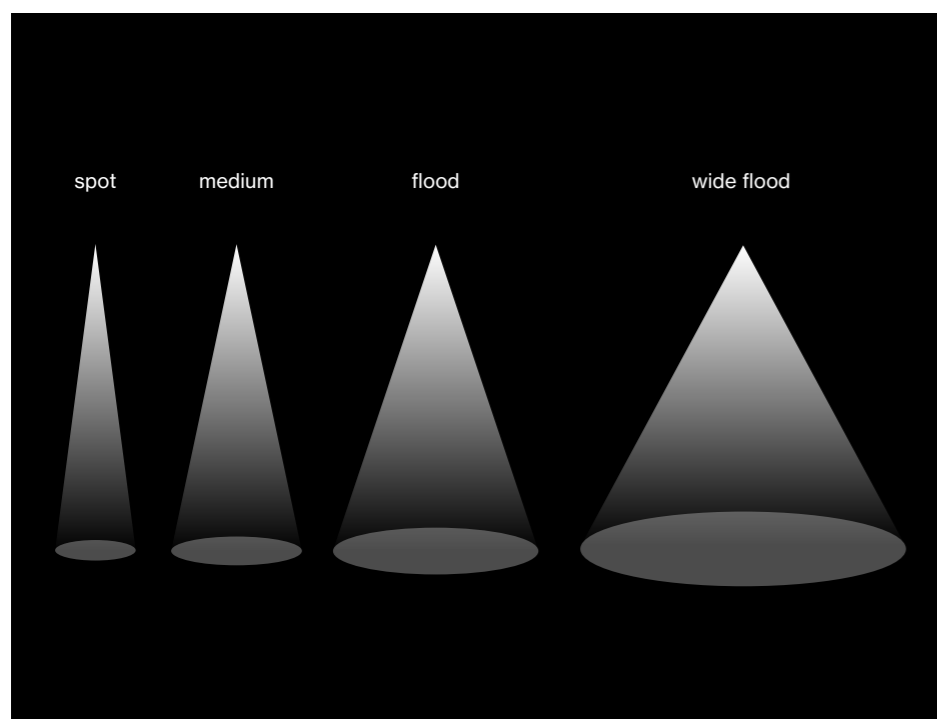
xal.com/colours



Intrack

EN Flexible adjustment – easy installation: In the track version, BO combines different sizes and beam angles. Thus, ever new lighting scenarios can be implemented: from the selective presentation of goods and products to the staging of art objects and home accessories. The converter disappears elegantly into the track.

FR Flexibilité d'ajustement – facile à mettre en place : en version Track, BO associe différentes tailles et angles de rayonnement. De la présentation ponctuelle de marchandises et produits à la mise en scène d'objets d'art et d'accessoires d'intérieur, la réalisation de mises en scène lumineuses sans cesse renouvelées est désormais possible. Le convertisseur peut être escamoté de façon élégante dans le rail.



Flexible adjustment

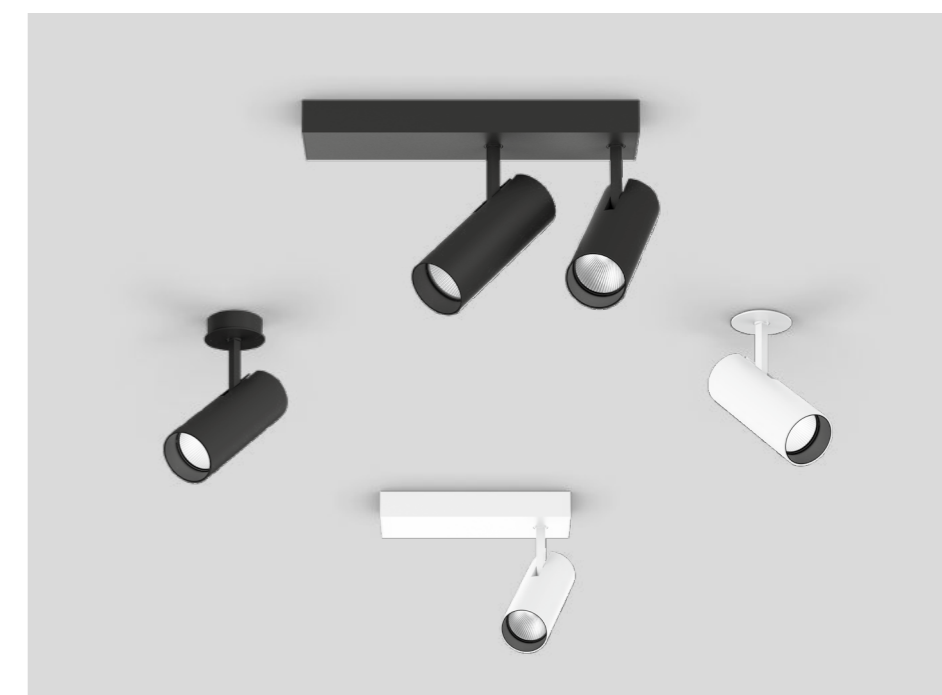
EN BO adapts to the requirements to ensure that objects are presented in the best possible light. The spotlight comes in different beam angles and is rotatable by at least 360°, as well as 90° tiltable.

FR Quand il s'agit de s'adapter aux exigences et de mettre en valeur les objets de la meilleure manière qui soit, BO est un modèle du genre. Ce spot est non seulement disponible dans différents angles de rayonnement, mais il peut également pivoter d'au moins 360° et être orienté à 90°.

Variety

EN The individual spotlights are available as semi-recessed or surface-mounted versions or as single or double-flame spotlights in an elegant housing. Different housing and light colours (2700 K, 3000 K, or 4000 K) offer flexibility for unique projects.

FR Les projecteurs individuels sont disponibles en version semi-encastrée ou apparente ou en tant que projecteur à une ou deux flammes dans un boîtier élégant. Différentes couleurs de boîtier et de lumière (2700 K, 3000 K ou 4000 K) offrent une grande flexibilité pour des projets uniques.



← back



BO 32 / 45 / 55

semi-recessed / surface

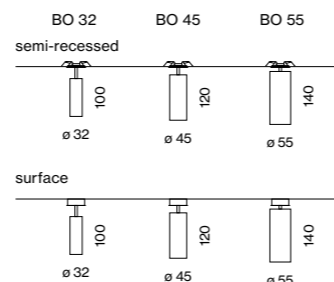
EN Cylindrical spotlight made of aluminium; surface powder coated; either with surface mounted housing or as ceiling recessed variant; spotlight head 350° rotatable and 90° tiltable; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristics with different beam angles; good glare reduction due to recessed light point plane; optical attachments as accessories; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering

FR Spot cylindrique en alu ; surface thermo-laquée ; au choix avec boîtier en saillie ou comme variante pour encastrement dans le plafond ; tête de spot rotatif 350° et orientable 90° ; réflecteur de grande qualité, métallisée à l'alu avec optique facette ; précision de caractéristique de rayonnement avec divers angles de diff. ; bon anti-éblouissement grâce aux points lumineux en retrait ; éléments opt. comme accessoires ; avec technologie COB pour efficacité maximale ; pas de formation d'ombres multiples ; LED efficaces à restitution de couleur élevée

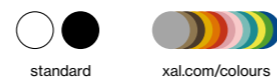
Quickinfo

2700 K, 3000 K
 CRI ≥ 90, 2 SDCM
 BO 32 up to 91lm/W
 BO 45 up to 103lm/W
 BO 55 up to 92lm/W
 L80 @ 50 000 h
 non DIM, DALI-2

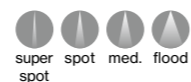
Types



Colours

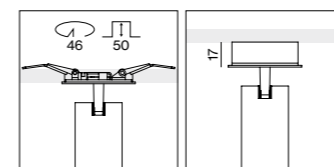


Light distributions



Order options

MOUNTING	
semi-recessed ceiling clip	1
surface housing	2



COLOUR TEMPERATURE	
2700 K	4
3000 K	5

MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours* p. 992	X

*canopy always in white

BEAM ANGLE BO 32	
spot 18°	S
medium 23°	M
flood 37°	F

BEAM ANGLE BO 45	
super spot 8°	V
spot 14°	S
medium 24°	M
flood 39°	F

BEAM ANGLE BO 55	
spot 17°	S
medium 23°	M
flood 37°	F

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 95, 2 SDCM	

COLOUR TEMPERATURE	
4000 K	

CONTROL	
Casambi	



glare control via honeycomb louver

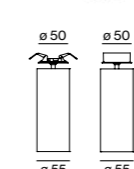
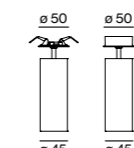
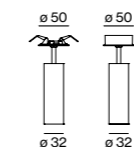


350° rotatable, 90° tiltable



CRI ≥ 95, 2 SDCM

LUMINOUS FLUX value calculated for 3000 K, colour white, reflector flood 2700 K -6%



BO 32 semi-recessed / surface



ADJUSTABLE		LUMINOUS FLUX		ORDER CODE	
INSET POWER	8.8 W 36 Vf 250 mA	755 lm		0 4 9 - 6 5 2 0 :: 1	▲

BO 45 semi-recessed / surface



ADJUSTABLE		LUMINOUS FLUX		ORDER CODE	
INSET POWER	6.1 W 11 Vf 400 mA	super spot 297 lm		0 4 9 - 6 5 3 0 :: 1	▲ V
	12.8 W 37 Vf 350 mA	spot 1030 lm		0 4 9 - 6 5 3 0 :: 1	▲ S
	13.5 W 36 Vf 400 mA	medium, flood 1320 lm		0 4 9 - 6 5 3 0 :: 1	▲

BO 55 semi-recessed / surface



ADJUSTABLE		LUMINOUS FLUX		ORDER CODE	
INSET POWER	21.1 W 36 Vf 600 mA	1850 lm		0 4 9 - 6 5 4 0 :: 1	▲

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
250 mA non DIM	η 80 %	65-39-20	0 0 2 - 9 0 7 4 2
250 mA DALI-2	η 82 %	147-33-23	0 0 2 - 9 0 7 4 3
350 mA non DIM	η 85 %	180-30-21	0 0 2 - 9 0 7 2 2
350 mA DALI-2	η 83 %	210-30-21	0 0 2 - 9 0 7 2 3
400 mA non DIM	η 88 %	180-30-21	0 0 2 - 9 0 7 2 4
400 mA DALI-2	η 84 %	210-30-21	0 0 2 - 9 0 7 2 5
600 mA non DIM	η 87 %	210-30-21	0 0 2 - 9 0 7 2 6
600 mA DALI-2	η 85 %	210-30-21	0 0 2 - 9 0 7 2 7

for surface versions revision opening required

DIN RAIL COMPONENTS

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

for more details and components see page 981

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
BO 32	30-3	0 0 7 - 1 9 6 5 1 6 8
BO 45	42-3	0 0 7 - 1 9 6 5 1 8 8
BO 55	50-3	0 0 7 - 1 9 6 5 5 9 8

Complexe des opérations Payerne CH –
by op-arch, Oester Pfenninger, Ulrich
Weiz including lighting design





Wohnhaus Pferdeblick, AT –
by Baukooperative GmbH
including lighting design

Einrichtungshaus Grimm
Göppingen, DE –
by Studio Komo





BO 45 base surface

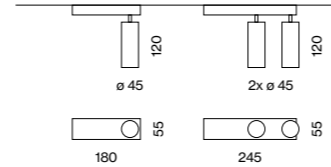
EN Cylindrical spotlight made of aluminium; surface powder coated; spotlight head 350° / 330° (1 lamp / 2 lamps) rotatable and 90° tiltable; choice of single lamp or double lamps; surface mounted housing in aluminium incl. converter; mounting plate with pre-assembled converter unit can be pre-mounted; luminaire housing can be attached without tools by interlock; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristics with different beam angles; good glare reduction due to recessed light point plane; optical attachments as accessories; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering

FR Spot cylindrique en alu ; surface thermolaquée ; tête de spot rotatif 350° / 330° (1 / 2 lampe(s)) et orientable 90° ; au choix monoflamme ou biflamme ; boîtier de montage en alu, avec convertisseur ; plaque de montage avec unité de conversion prémontée, pouvant être montée à l'avance ; corps pouvant être monté sans outils grâce à un système de verrouillage ; réflecteur de grande qualité, métallisée à l'alu avec optique facette ; précision de caractéristique de rayonnement avec divers angles de diffusion ; bon anti-éblouissement grâce aux points lumineux en retrait ; éléments opt. comme accessoires ; avec technologie COB pour efficacité maximale ; pas de formation d'ombres multiples ; LED efficaces à restitution de couleur élevée

Quickinfo

2700 K, 3000 K
CRI ≥ 90, 2 SDCM
1 lamp up to 86 lm/W
2 lamps up to 96 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours* p. 992	X

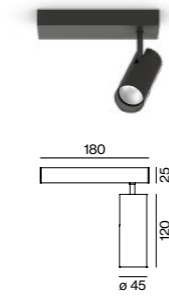
*base always in white

BEAM ANGLE	
super spot 8°	V
spot 14°	S
medium 24°	M
flood 39°	F

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 95, 2 SDCM	

COLOUR TEMPERATURE	
4000 K	

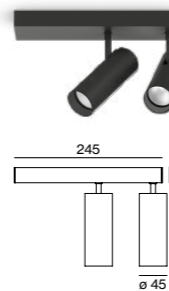


BO 45 base surface



1 LAMP

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
7.2 W	super spot 297 lm	0 4 9 - 6 3 3 0 :: ▽ ▽ V
15.1 W	spot 1030 lm	0 4 9 - 6 3 3 0 :: ▽ ▽ S
15.9 W	medium, flood 1310 lm	0 4 9 - 6 3 3 0 :: ▽ ▽ ▲



BO 45 base surface



2 LAMPS

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
14.4 W	super spot 2 × 297 lm	0 4 9 - 6 4 3 0 :: ▽ ▽ V
30 W	spot 2 × 1030 lm	0 4 9 - 6 4 3 0 :: ▽ ▽ S
27.5 W	medium, flood 2 × 1220 lm	0 4 9 - 6 4 3 0 :: ▽ ▽ ▲

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
BO 45	42-3	0 0 7 - 1 9 6 5 1 8 8



glare control via
honeycomb louver



350° rotatable,
90° tiltable



CRI ≥ 95,
2 SDCM

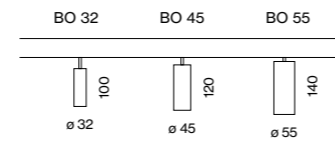
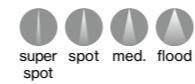
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -6%

möbelbau breitenthaler gmbh
Leibnitz, AT – by möbelbau
breitenthaler gmbh



Quickinfo

2700 K, 3000 K, 4000 K
 CRI ≥ 90, 2 SDCM
 BO 32 up to 69 lm/W
 BO 45 up to 87 lm/W
 BO 55 up to 78 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2

Types**Colours****Light distributions****Order options**

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours p.992	X

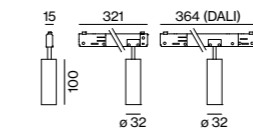
BEAM ANGLE BO 32	
spot 18°	S
medium 23°	M
flood 37°	F

BEAM ANGLE BO 45	
super spot 8°	V
spot 14°	S
medium 24°	M
flood 39°	F

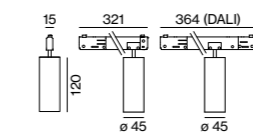
BEAM ANGLE BO 55	
spot 17°	S
medium 23°	M
flood 37°	F

Options on request

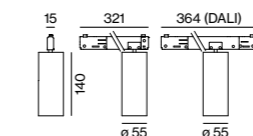
COLOUR RENDERING INDEX	
CRI ≥ 95, 2 SDCM	

**BO 32 intrack****TRACK LIGHT**

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
11.7 W	755 lm	180-71111::◆▲

**BO 45 intrack****TRACK LIGHT**

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
6.1 W	super spot 297 lm	180-72111::◆▲V
15.1 W	spot 1030 lm	180-72111::◆▲S
15.9 W	medium, flood 1320 lm	180-72111::◆▲

**BO 55 intrack****TRACK LIGHT**

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
24.8 W	1840 lm	180-73111::◆▲

Optical accessories**HONEYCOMB LOUVER**

TYPE	Ø H (mm)	ORDER CODE
BO 32	30·3	007-1965168
BO 45	42·3	007-1965188
BO 55	50·3	007-1965598

BO 32/45/55

intrack

EN Track light made of die-cast aluminium; surface powder coated; spotlight head rotates 360° and tilts 90°; converter integrated in the power track adapter; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristics with different beam angles; good glare reduction due to recessed light point plane; optical attachments as accessories; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter flush with the power track

FR Spot sur rail en fonte d'aluminium injectée ; surface thermolaquée ; tête de spot pivotant à 360° et orientable à 90° ; convertisseur intégré à l'adaptateur du rail d'alimentation ; réflecteur de grande qualité, métallisée à l'aluminium avec optique facette ; précision de caractéristique de rayonnement avec divers angles de diffusion ; bon anti-éblouissement grâce aux points lumineux en retrait ; éléments optiques comme accessoires ; avec technologie COB (Chip on Board) pour efficacité maximale ; pas de formation d'ombres multiples ; LED économes en énergie à restitution de couleur élevée ; adaptateur pour installation ou déplacement sans outil dans différents rails triphasés ; adaptateur à fleur de rail d'alimentation



glare control via honeycomb louver



360° rotatable, 90° tiltable



CRI ≥ 95, 2 SDCM

LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -5%, 4000 K +7%



Oberpollinger | The KaDeWe Group
Munich, DE – by Licht Kunst Licht AG
including lighting design

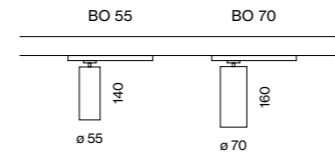


Optiek Sagaert Zwevegem BE –
by Courtois & Châtelain and
Entirus Group



Quickinfo

3000K, 4000K
 CRI ≥ 90 2-SDCM
 up to 87lm/W
 L80 @ 50 000h
 non DIM, DALI-2

Types**Colours****Light distributions**

BO 55



BO 70

**Order options**

COLOUR TEMPERATURE	☼☼☼
3000K	5
4000K	6

CONTROL	⬆️⬆️
non DIM	1
DALI-2	3

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

BEAM ANGLE BO 55	▲
spot 17°	S
medium 24°	M
flood 40°	F

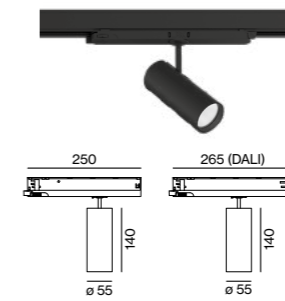
BEAM ANGLE BO 70	▲
spot 15°	S
medium 23°	M
flood 37°	F
wide flood 57°	W

Options on request

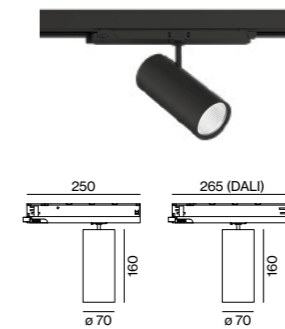
COLOUR RENDERING INDEX	
CRI ≥ 95, 2 SDCM	

CONTROL

Casambi

**BO 55 track****TRACK LIGHT**

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
24.8 W	2150 lm	180-7312::☼☼▲

**BO 70 track****TRACK LIGHT**

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
40 W	3410 lm	180-7411::☼☼▲

Optical accessories**HONEYCOMB LOUVER**

TYPE	Ø H (mm)	ORDER CODE
BO 55	50-3	007-196598
BO 70	61-3	080-590018

BO 55/70

track

EN Track light made of die-cast aluminium; surface powder coated; spotlight head 355° rotatable and 90° tiltable; converter integrated in the power track adapter; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristics with different beam angles; good glare reduction due to recessed light point plane; optical attachments as accessories; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; adapter for toolless insertion or movement on a variety of 3-phase power tracks

FR Spot sur rail en fonte d'aluminium injectée ; surface thermolaquée ; tête de spot rotatif à 355° et orientable à 90° ; convertisseur intégré à l'adaptateur du rail d'alimentation ; réflecteur de grande qualité, métallisée à l'aluminium avec optique facette ; précision de caractéristique de rayonnement avec divers angles de diffusion ; bon anti-éblouissement grâce aux points lumineux en retrait ; éléments optiques comme accessoires ; avec technologie COB (Chip on Board) pour efficacité maximale ; pas de formation d'ombres multiples ; LED économes en énergie à restitution de couleur élevée ; adaptateur pour installation ou déplacement sans outil dans différents rails triphasés



glare control via honeycomb louver



355° rotatable, 90° tiltable



CRI ≥ 90, 2 SDCM

LUMINOUS FLUX value calculated for 3000K, CRI ≥ 90, colour white, flood 4000K +5%

Shop SVNTY Antwerp, BE –
by Verhamme de vel Architecten
with lighting design by Electro Govaerts



Universal expert

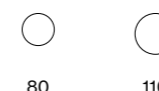


VARO

EN As a track-mounted spotlight, VARO focuses on the essentials and can be used universally. It is available in two different sizes and, thanks to its 355° rotation and 90° swivelling capability, is extremely flexible in use. This flexibility is supported by the fact that the spotlights can be inserted and moved along the track without tools. It is ideal for use in shops whose interior design is continually evolving. The high-quality reflector from VARO ensures a particularly precise beam characteristic at different angles, all with an excellent colour rendering up to $CRI \geq 95$. Depending on the desired spatial effect, you can choose between the 3000 K and 4000 K light colours.

FR En tant que projecteur sur rail, VARO se concentre sur l'essentiel et peut être employé de manière universelle. Il est disponible en deux tailles et d'une utilisation extrêmement flexible grâce à sa rotation à 355° et à son inclinaison à 90°. Cette flexibilité est renforcée par son installation et son déplacement dans le rail qui s'effectuent sans outil : cela le rend idéal pour une utilisation dans des boutiques dont la décoration intérieure est en constante évolution. Le réflecteur de haute qualité de VARO offre une caractéristique de rayonnement particulièrement précise sur angles différents – et ce avec une excellente restitution des couleurs jusqu'à $CRI \geq 95$. Selon l'effet spatial désiré, vous avez le choix entre les température de couleurs 3000 K et 4000 K.

Types



80

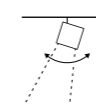
110

Mounting



track

Light distribution



spotlight

← back



VARO 80 S

track

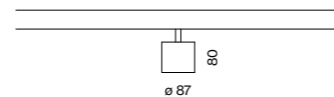
EN Track light made of die-cast aluminium; surface powder coated; spotlight head 355° rotatable and 90° tiltable; integrated converter in the plastic adapter; high quality reflector with spherical facet finish; precise radiation characteristics with different beam angles; installed and exchanged without tools; optical attachments as accessories; optical attachments can be combined; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; adapter for toolless insertion or movement on a variety of 3-phase power tracks

FR Spot sur rail en fonte d'aluminium injectée ; surface thermolaquée ; tête de spot rotatif à 355° et orientable à 90° ; convertisseur intégré à l'adaptateur plastique ; réflecteur de grande qualité avec optique facette sphérique ; précision de caractéristique de rayonnement avec divers angles de diffusion ; Installation resp. remplacement sans outil ; éléments optiques peuvent être combinés entre eux ; avec technologie COB (Chip on Board) pour efficacité maximale ; pas de formation d'ombres multiples ; LED économes en énergie à restitution de couleur élevée ; adaptateur pour installation ou déplacement sans outil dans différents rails triPhasés

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 91lm/W
L80/50 000h
non DIM, DALI-2

Type



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL	
non DIM	1
DALI-2	3

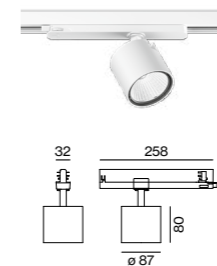
MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8

BEAM ANGLE	
spot 17°	S
medium 28°	M
flood 38°	F

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 80	

CONTROL	
Casambi	



VARO 80 S track



TRACK LIGHT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
28.5W	2600lm	180-6420
45W	3610lm	180-6421

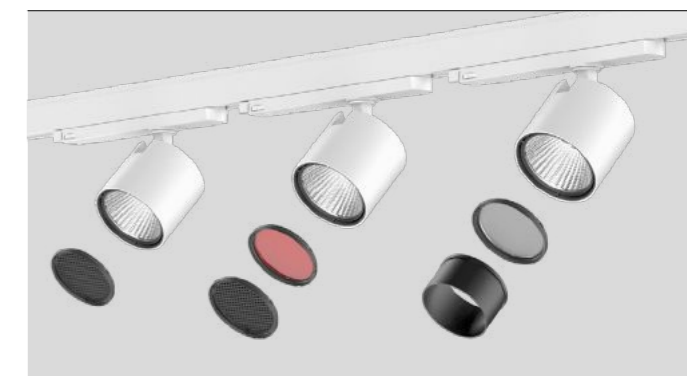
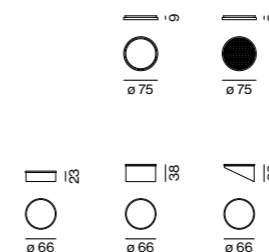
Optical accessories

LENSES AND HONEYCOUMB LOUVER

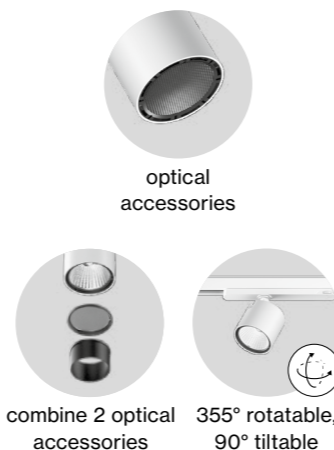
TYPE	Ø H (mm)	ORDER CODE
linear prismatic lens	75.9	080-6402110P
honeycomb louver	75.9	080-6401118

SNOOT

TYPE	Ø H (mm)	ORDER CODE
short	66.23	080-6403118
medium	66.38	080-6403218
angle	66.38	080-6403318



possibility to combine different optical accessories (max. 2 pieces)



combine 2 optical accessories 355° rotatable, 90° tiltable

LUMINOUS FLUX value calculated for 3000K, CRI ≥ 90, colour white, flood 4000K +8%

s.Oliver Store Munich, DE –
by Kitzig Interior Design GmbH
including lighting design



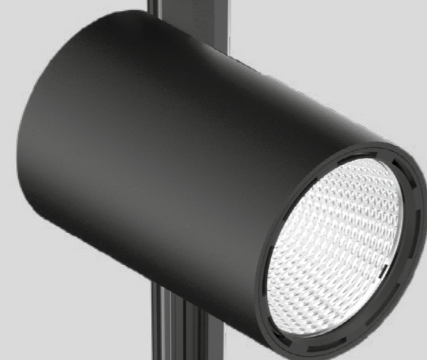


Feucht Mode Innsbruck, AT –
by blocher partners with lighting design by
Hailight Lichtplanung, Andreas Haidegger



Museo Camera Gurugran, IN –
by Studio Lunitiv

back



VARO 80/110

track

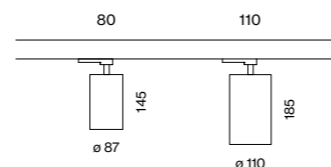
EN Track spotlight in die-cast aluminium, available in 2 different sizes; surface powder coated; spotlight head 355° rotatable and 90° tiltable; converter installed in aluminium spotlight housing; high quality reflector with spherical facet finish; precise radiation characteristics with different beam angles; installed and exchanged without tools; optical attachments as accessories; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; adapter for toolless insertion or movement on a variety of 3-phase power tracks

FR Spots sur rail en fonte d'aluminium, disponible dans 2 tailles ; surface thermolaquée ; tête de spot rotatif à 355° et orientable à 90° ; convertisseur installé dans boîtier de spot en aluminium ; réflecteur de grande qualité avec optique facette sphérique ; précision de caractéristique de rayonnement avec divers angles de diffusion ; Installation resp. remplacement sans outil ; éléments optiques comme accessoires ; avec technologie COB (Chip on Board) pour efficacité maximale ; pas de formation d'ombres multiples ; LED économes en énergie à restitution de couleur élevée ; adaptateur pour installation ou déplacement sans outil dans différents rails triphasés

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
VARO 80 up to 95lm/W
VARO 110 up to 100lm/W
L80/50 000h
non DIM

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	☼☼☼
3000K	5
4000K	6

CONTROL

non DIM

MATERIAL COLOUR

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

BEAM ANGLE

VARO 80	▲
spot 17°	S
medium 28°	M
flood 38°	F

BEAM ANGLE

VARO 110	▲
spot 14°	S
medium 24°	M
flood 33°	F

Options on request

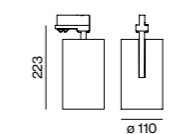
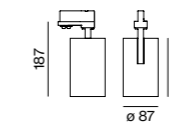
COLOUR RENDERING INDEX
CRI ≥ 95 2-SDCM

SPECIAL COLOUR RENDERING

vogue	CRI ≥ 90
gallery	CRI 98
gourmet	CRI ≥ 80
fresh meat & fish	CRI ≥ 80
pastry	CRI ≥ 80
brilliant white	CRI ≥ 90

REFLECTOR

wide flood 67°
only for VARO 110



VARO 80 track



TRACK LIGHT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
29 W	2700 lm	080-6210::1▲

VARO 110 track



TRACK LIGHT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
42 W	4210 lm	080-6120::1▲

Optical accessories

SNOOT WITH HONEYCOMB LOUVER

TYPE	Ø H (mm)	ORDER CODE
VARO 80	83-9	006-93120
VARO 110	106-9	006-93130



355° rotatable,
90° tiltable



CRI ≥ 95
2 SDCM

LUMINOUS FLUX value calculated for
3000K, CRI ≥ 90, colour white, flood
4000K +5%



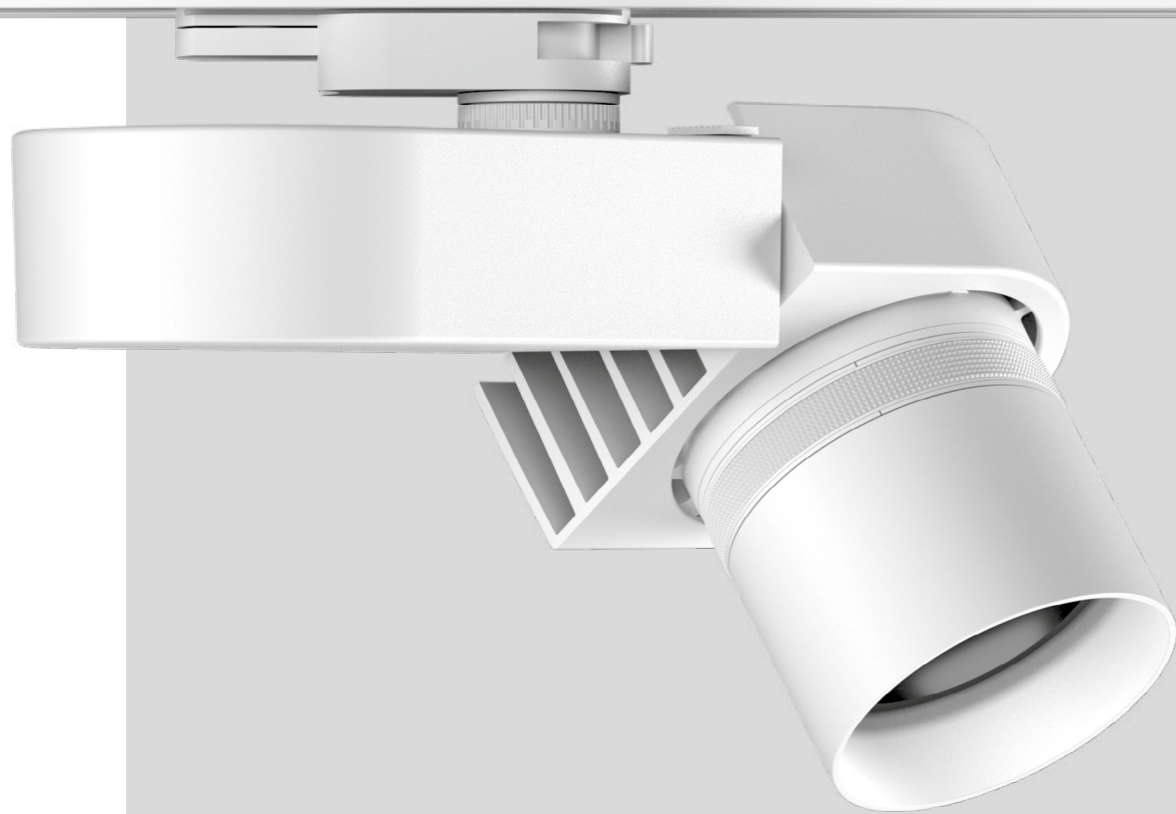
Kastner & Öhler, Kaufhaus Tyrol Innsbruck, AT –
by DIOMA AG / WHIR3 / K&Ö Bauabteilung with
lighting design by VEDDER.LICHTMANAGEMENT



Porsche Studio Saigon, VN –
by Kobi Lighting Studio



Known for his expressive colours

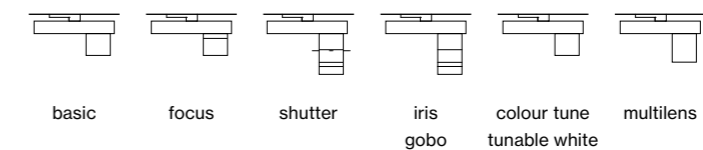


PABLO

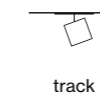
EN The PABLO track-mounted spotlight was developed especially for museums. With a colour rendering index of up to $CRI \geq 95$, it illuminates works of art with near-perfect colour reproduction. The Colour Tune variant compensates for age-related colour changes in paintings with increased and customisable red-blue saturation. PABLO is fixed in the tracks without tools, and the spotlight heads can be rotated, swivelled, and repositioned almost at will. PABLO focus's beam angle is also adjustable. The iris, shutter, and gobo versions create sharp-edged light cut-outs in various shapes to stage works of art even more excitingly. The multilens version of PABLO has five attachment lenses that can be exchanged without tools depending on the required beam pattern. The mood of the room can be influenced by using the Tunable White version to change light colours.

FR Le projecteur PABLO pour rail a été spécialement développé pour les musées. Avec un indice de rendu des couleurs allant jusqu'à $CRI \geq 95$, il éclaire les œuvres d'art dans un respect quasi-ment parfait des couleurs originales. Dans la version Colour-Tune, des changements des couleurs de peintures liés au vieillissement sont également compensés par une saturation rouge-bleu ajustable au cas par cas. PABLO se fixe sans outil sur les rails, les têtes des spots peuvent pivoter, basculer et être repositionnées quasiment à volonté. Pour PABLO Focus, il est de surcroît possible de faire varier l'angle de rayonnement. Les variantes Iris, Shutter et Gobo créent des découpages lumineux à arêtes vives de diverses formes afin de rendre la mise en scène des œuvres d'art encore plus attrayante. La version multilens de PABLO possède cinq lentilles additionnelles qui peuvent être remplacées sans outil en fonction de la caractéristique de rayonnement requise. Grâce des température de couleurs réglables par l'option Tunable White, il est également possible d'influencer l'atmosphère dans la pièce.

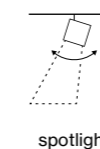
Types



Mounting



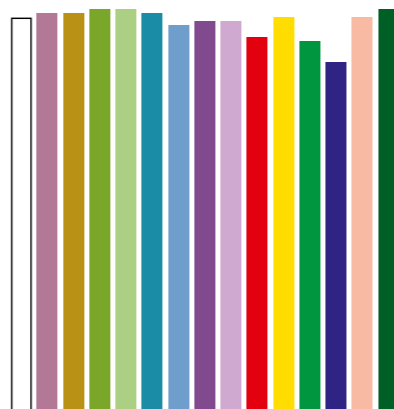
Light distribution



PABLO multilens

EN PABLO's multilens design lets the beam characteristics be flexibly adjusted depending on the application. For this purpose, there are five ancillary lenses that can be easily exchanged without tools. Objects are thus staged in the best possible light and the staging of a room with changing interiors becomes feasible.

FR La version PABLO multilens permet d'adapter le rayonnement à l'application avec une grande flexibilité. Pour ce faire, cinq lentilles additionnelles interchangeables sans outil sont proposées. Les objets sont ainsi mis en lumière de la plus belle manière qui soit et la pièce est parfaitement mise en scène au gré des changements de l'aménagement intérieur.



Authentic colours

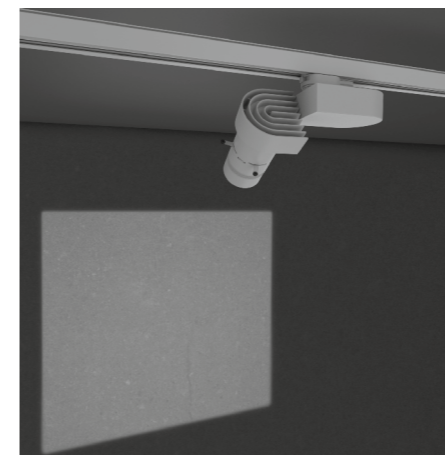
EN Museum lighting must present exhibits authentically. PABLO illuminates works of art with near-perfect colour reproduction thanks to a colour rendering index of up to CRI ≥ 95 and R9 > 90 . Light colour and intensity can be controlled, allowing the lighting to be adapted to any new spatial setting.

FR Un éclairage de musée doit présenter les objets exposés de manière authentique. Avec un indice de rendu des couleurs allant jusqu'à CRI ≥ 95 et R9 > 90 , PABLO illumine les œuvres d'art dans leur couleur pratiquement authentique. La couleur et l'intensité lumineuse sont réglables, de sorte que l'éclairage peut être adapté à toute nouvelle mise en scène spatiale.

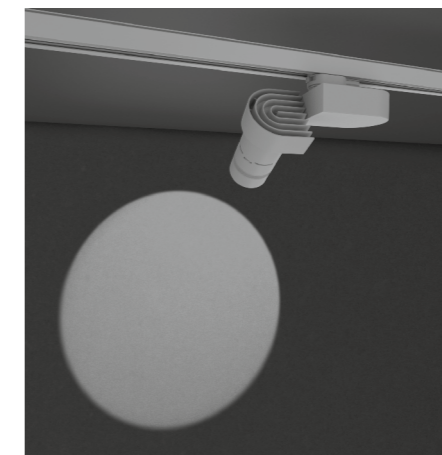
Light in form

EN PABLO's shutter, iris, and gobo variants create sharp-edged silhouettes in a square, round, or custom shape such as lettering. This means exhibits can be precisely custom-illuminated for maximum effect.

FR Les variantes PABLO Shutter, Iris et Gobo créent des silhouettes à arêtes vives dans des formes carrées, rondes ou sélectionnées individuellement, par exemple des lettrages. Ainsi, les objets exposés peuvent être éclairés avec précision et de manière individualisée pour produire un effet maximal.



shutter



iris



gobo

Precise and variable

EN PABLO spots can be mounted and moved along the track without tools. The spotlight head can be fixed in any position without tools thanks to the special adapter fixing. This makes PABLO as precise as it is flexible, even after installation.

FR Les spots PABLO peuvent être montés sans outil et se déplacent le long des rails triphasé. Grâce à la fixation spéciale de l'adaptateur, la tête du spot peut être fixée dans n'importe quelle position sans outil. Ainsi, PABLO est aussi précis que flexible - même après son installation.



Restored by light

EN PABLO Colour Tune was developed to faithfully revive historical art worthy of protection. A customisable red-blue saturation compensates, purely thanks to the lighting, for time-related colour damage. This gently reawakens a work of art's original colours.

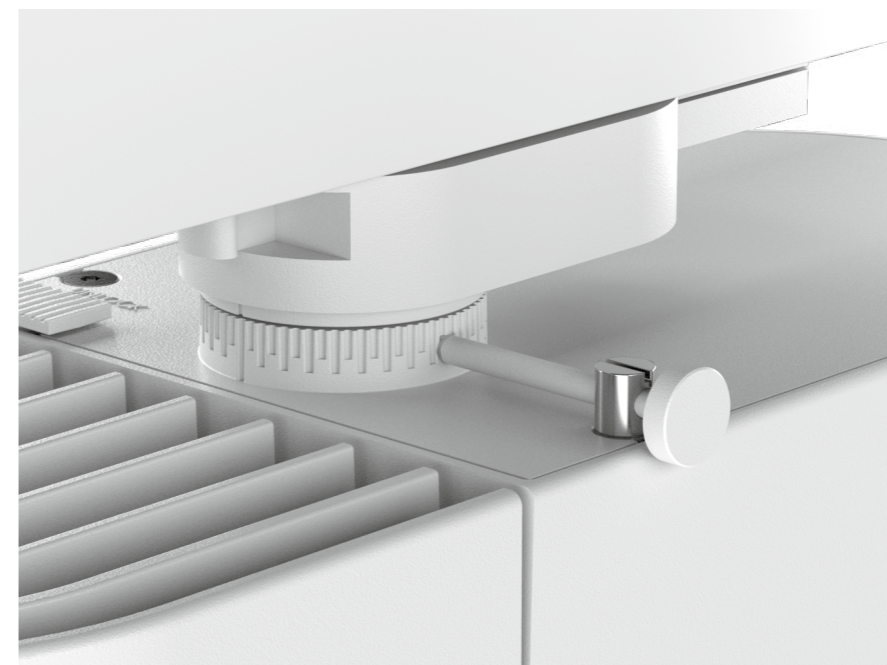
FR PABLO Colour Tune a été développé pour éclairer fidèlement des œuvres d'art historiques qui doivent être protégées. Une saturation rouge-bleu à réglage individuel compense les détériorations de couleur saisonnières - uniquement par l'éclairage. Ainsi, les couleurs d'origine d'une œuvre sont rétablies en douceur.



Easy dimming

EN PABLO's DIM Poti variant has a manual dimming function. The brightness can be easily adjusted directly on-site at the spotlight head to suit the surroundings and the desired lighting mood.

FR Dans la variante DIM Poti, PABLO dispose d'une fonction de variation manuelle. Ainsi, la luminosité peut être réglée facilement et directement sur place sur la tête du spot et adaptée à son environnement ainsi qu'à l'effet d'éclairage souhaité.



← back



PABLO basic/focus

track

EN Track light made of die-cast aluminium; powder coated; converter in spotlight housing; COB (Chip on Board) technology – maximum efficiency; no multiple shadows; energy-eff. LEDs – very good colour rendering; PABLO basic: sym./asym. radiation characteristic; PABLO focus: object focusing through adjustable lens; adjustable beam angle; PABLO shutter / iris: contour spotlight for rectangular or round shape – adjustment by 4 shading elements / by iris-shaped shade; toolless insertion or movement on a variety of 3-phase power tracks; adapter fixation optionally without tools by means of knurled screw or set screw (screwdriver required); point outlet, either in surface mounted housing or recessed housing, as an accessory

FR Spot sur rail en fonte d'aluminium injectée ; thermolaquée ; convertisseur dans boîtier de spot ; Technologie COB (Chip on Board) – efficacité maximale ; pas d'ombres multiples ; LED à haut rend. énerg. – excellent rendu coul. ; PABLO basic : rayonn. sym./asym. ; PABLO focus : concentration sur un objet par lentille ajustable ; angle de rayonn. réglable ; PABLO shutter / iris : projecteur contour avec cadrage carré / rond – réglage par 4 éléments obscurcissants / par obscurcisseur en forme d'iris ; montage sans outil ou déplacement dans différents rails d'alimentation triphasés ; fixation de l'adaptateur au choix sans outils par vis moletée ou vis de serrage (tournevis nécessaire) ; point de sortie, au choix dans un un boîtier en saillie ou comme variante pour encastrement, comme accessoire



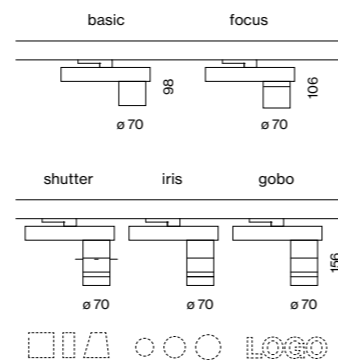
Quickinfo

3000K, 4000K
CRI ≥ 95, 2 SDCM
POTI, DALI

L85 @ 50 000h
PABLO basic up to 87lm/W
PABLO focus up to 69lm/W

L90 @ 50 000h
PABLO shutter/iris up to 18lm/W

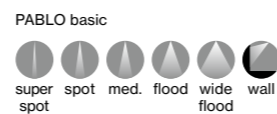
Types



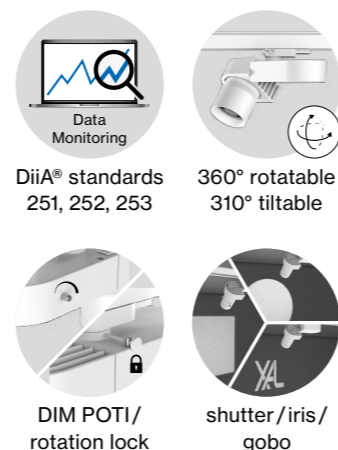
Colours



Light distributions



PABLO focus



DiiA® standards
251, 252, 253

360° rotatable
310° tilttable

DIM POTI/
rotation lock

shutter/iris/
gobo

Order options

ADAPTER FIXATION	
tool-free fixation	2
set screw (tool required)	1

COLOUR TEMPERATURE	
3000K	0
4000K	1

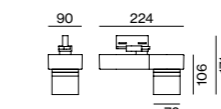
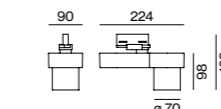
CONTROL	
DIM POTI	8
DALI	3

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

REFLECTOR	
super spot 6° (only for 11W)	V
spot 12°	S
medium 24°	M
flood 39°	F
wide flood 58°	W
wallwasher	A

Options on request

REFLECTOR	
oval flood	



PABLO basic



TRACK LIGHT

SYS. POWER	COLOUR TEMPERATURE	LUMINOUS FLUX	ORDER CODE
10.9 W	3000K (CRI ≥ 90)	614 lm	180-51005
(3-SDCM)	4000K (CRI ≥ 90)	660 lm	180-51006
13.9 W	3000K	986 lm	180-51000
	4000K	1080 lm	
22.9 W	3000K	1460 lm	180-51011
	4000K	1610 lm	

PABLO focus 17–47°



TRACK LIGHT

SYS. POWER	COLOUR TEMPERATURE	LUMINOUS FLUX	ORDER CODE
14 W	3000K	785 lm	180-52000
	4000K	862 lm	
23 W	3000K	1170 lm	180-52010
	4000K	1280 lm	

Optical accessories

SNOOT | HONEYCOMB LOUVER

TYPE	ØH (mm)	ORDER CODE
snoot	62-33	080-590008
honeycomb louver	61-3	080-590018

Mounting accessories

SURFACE HOUSING/POINT OUTLET

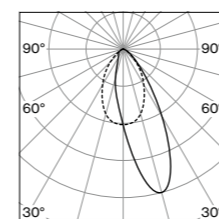
TYPE	ORDER CODE
surface housing/point outlet	186-07228

RECESSED HOUSING/POINT OUTLET

ceiling thickness: 1-30 mm

TYPE	ORDER CODE
recessed housing/point outlet	186-07227

Light distribution



wallwasher

LUMINOUS FLUX value calculated for CRI ≥ 95, colour white, reflector spot

← back

Order options

ADAPTER FIXATION

tool-free fixation	2
set screw (tool required)	1

COLOUR TEMPERATURE

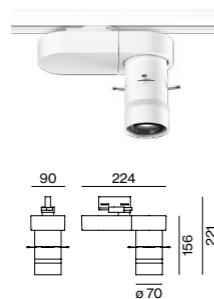
3000K	0
4000K	1

CONTROL

DIM POTI	8
DALI	3

MATERIAL COLOUR

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



PABLO shutter



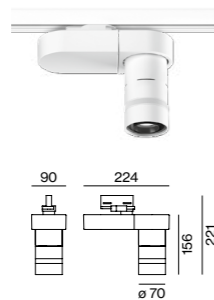
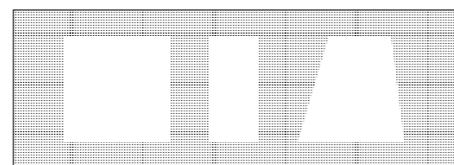
TRACK LIGHT

SYS. POWER	COLOUR TEMP.	LUMINOUS INTENSITY	ORDER CODE
14 W	3000K	854 cd	180-5300
	4000K	934 cd	
23 W	3000K	1266 cd	180-5301
	4000K	1389 cd	

illuminance (lux) = luminous intensity (cd) / distance (m)²

LIGHT DISTRIBUTION

possible shapes of illumination



PABLO iris



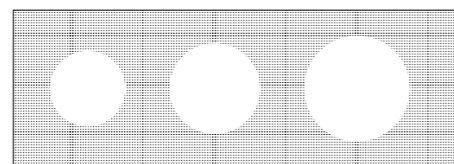
TRACK LIGHT

SYS. POWER	COLOUR TEMP.	LUMINOUS INTENSITY	ORDER CODE
14 W	3000K	873 cd	180-5400
	4000K	960 cd	
23 W	3000K	1297 cd	180-5401
	4000K	1425 cd	

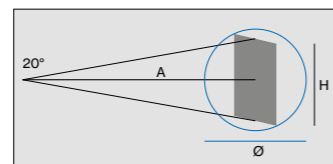
illuminance (lux) = luminous intensity (cd) / distance (m)²

LIGHT DISTRIBUTION

possible shapes of illumination



Illumination size

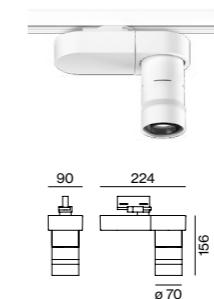


A (mm)	H (mm)	Ø (mm)
1000	396	560
2000	792	1120
3000	1188	1680

Order options

MATERIAL COLOUR

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



PABLO gobo

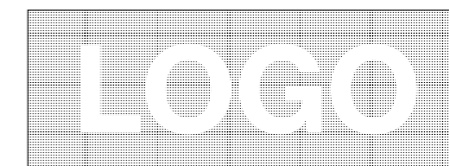


TRACK LIGHT

SYS. POWER	LUMINOUS INTENSITY	ORDER CODE
14 W	depends on form	on request

LIGHT DISTRIBUTION

customised shapes of illumination possible



Mounting accessories



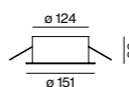
SURFACE HOUSING/POINT OUTLET

TYPE	ORDER CODE
surface housing/point outlet	186-07228



RECESSED HOUSING/POINT OUTLET

ceiling thickness: 1-30 mm



TYPE	ORDER CODE
recessed housing/point outlet	186-07227



Nationalmuseum Stockholm, SE –
by Wingårdhs with lighting design
by Gabriele von Kardorff



back



PABLO colour tune/tunable white

track

EN Track light made of die-cast aluminium; powder coated; converter in spotlight housing; COB (Chip on Board) technology or CSP (Chip-Scale-Packaging) technology for maximum efficiency; no multiple shadows; energy-eff. LEDs – very good colour rendering; high quality aluminium refl., spherical facet finish; high-gloss anodised; precise radiation charact. – different beam angles; installed/exchanged without tools; optical attachments as accessories; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter fixation optionally without tools by means of knurled screw or set screw (screwdriver required); point outlet, either in surface mounted housing or recessed housing, as an accessory

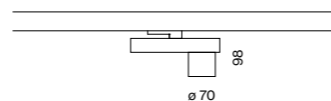
FR Spot sur rail en fonte d'aluminium injectée ; thermolaquée ; convertisseur dans boîtier de spot ; technologie COB (Chip on Board) ou CSP (Chip-Scale-Packaging) pour un rendement maximum ; pas d'ombres multiples ; LED à haut rend. énerg. – excellent rendu coul. ; réflecteur en alu., optique à facettes sphérique ; anodisé haute brillance ; caract. de rayonn. précises – différents angles de rayonn. ; montage/échange sans outil ; éléments optiques comme accessoires ; adaptateur pour installation ou déplacement sans outil dans différents rails triphasés ; fixation de l'adaptateur au choix sans outils par vis moletée ou vis de serrage (tournevis nécessaire) ; point de sortie, au choix dans un boîtier en saillie ou comme variante pour encastrement, comme accessoire

Quickinfo

PABLO colour tune
3500 K red/blue
CRI ≥ 90, 3 SDCM
up to 54lm/W
L95 @ 50 000h
DALI-2

PABLO tunable white
TW 2700–5000K
CRI ≥ 95, 3 SDCM
up to 48lm/W
L80 @ 50 000h
DALI-2 DT8

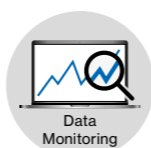
Type



Colours



Light distributions



DiiA® standards
251, 252, 253



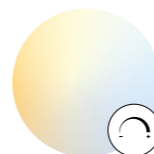
360° rotatable
245°/65° tiltable



rotation
lock



colour tune
(3500 K red/blue)



tunable white
2700–5000K

Order options

ADAPTER FIXATION

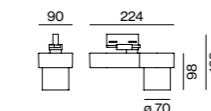
tool-free fixation	2
set screw (tool required)	1

MATERIAL COLOUR

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

BEAM ANGLE

medium 20/24°	M
flood 38°	F



PABLO colour tune



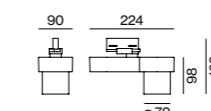
TRACK LIGHT

SYS. POWER	COLOUR TEMPERATURE	LUMINOUS FLUX	ORDER CODE
18.8 W	3500 K red/blue	1020 lm	180-5600G3

Fresh colour for historical works of art



PABLO colour tune was developed to revitalise historical art, which is particularly worthy of protection, true to the original. An increased, individually adjustable red-blue saturation compensates for time-related colour damage – purely through the lighting. This reawakens the original colours of a work of art. The correct setting of PABLO colour tune can be easily controlled and adjusted via DALI-2.



PABLO tunable white



TRACK LIGHT

SYS. POWER	COLOUR TEMPERATURE	LUMINOUS FLUX	ORDER CODE
20.7 W	2700–5000K	954 lm	180-5600D3

Optical accessories

SNOOT | HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
snoot	62-33	080-5900008
honeycomb louver	61-3	080-5900018

Mounting accessories

SURFACE HOUSING/POINT OUTLET

TYPE	ORDER CODE
surface housing/point outlet	186-07228

RECESSED HOUSING/POINT OUTLET

ceiling thickness: 1-30 mm

TYPE	ORDER CODE
recessed housing/point outlet	186-07227



LUMINOUS FLUX value calculated for colour white, reflector medium

Nationalmuseum Stockholm, SE –
by Wingårdhs with lighting design
by Gabriele von Kardorff



back



PABLO multilens

track

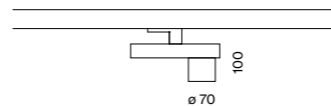
EN Track light made of die-cast aluminium; powder coated; 360° rotatable and 310° tiltable; converter installed in aluminium spotlight housing; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-eff. LEDs – very good colour rendering; exchangeable additional lenses; precise radiation characteristics with different beam angles; installed and exchanged without tools; optical attachments as accessories; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter fixation optionally without tools by means of knurled screw or set screw (screwdriver required); point outlet, either in surface mounted housing or recessed housing, as an accessory

FR Spot sur rail en fonte d'aluminium injectée ; thermolaquée ; rotatif à 360° et orientable à 310° ; convertisseur installé dans boîtier de spot en aluminium ; avec technologie COB (Chip on Board) pour efficacité maximale ; pas d'ombres multiples ; LED à haut rend. éner. – excellent rendu coul. ; lentilles add. Interchangeables ; précision de caractéristique de rayonnement avec divers angles de diffusion ; Installation resp. remplacement sans outil ; éléments optiques comme accessoires ; adaptateur pour installation ou déplacement sans outil dans différents rails triPhasés ; fixation de l'adaptateur au choix sans outils par vis moletée ou vis de serrage (tournevis nécessaire) ; point de sortie, au choix dans un un boîtier en saillie ou comme variante pour encastrement, comme accessoire

Quickinfo

3000K, 4000K
CRI ≥ 90, 2 SDCM
up 76lm/W
L85 @ 50 000h
DIM POTI

Type



Colours



Light distributions



Order options

ADAPTER FIXATION
tool-free fixation 2
set screw (tool required) 1

COLOUR TEMPERATURE
3000K 5
4000K 6

CONTROL

DIM POTI

MATERIAL COLOUR

traffic white RAL 9016 7
 jet black RAL 9005 8

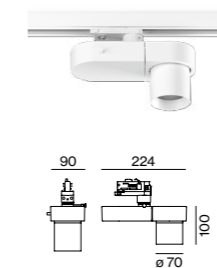
BEAM ANGLE

10/19/30/38/40/64°

Options on request

CONTROL

DALI-2



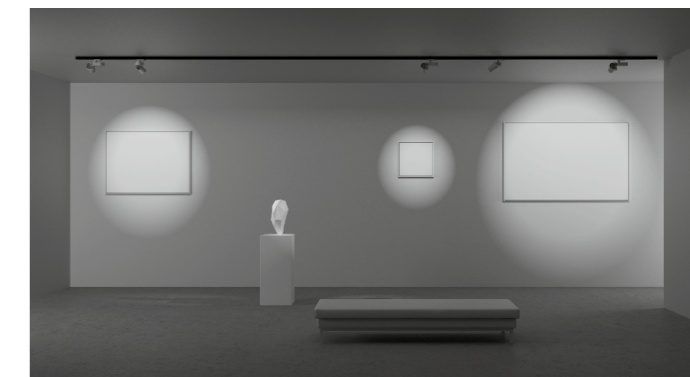
PABLO multilens 10–60°



TRACK LIGHT

SYS. POWER	COLOUR TEMPERATURE	LUMINOUS FLUX	ORDER CODE
14.8W	3000K	1050lm	180-57008
	4000K	1130lm	

incl. 5 pcs. interchangeable diffusion sheets



Optical accessories

OVAL FILTER

TYPE	ORDER CODE
oval filter 60 × 15°	080-5900020
diffusion sheet for superspot*	080-5900030

*for a better homogeneous illumination

Mounting accessories

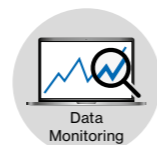
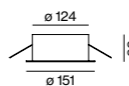
SURFACE HOUSING/POINT OUTLET

TYPE	ORDER CODE
surface housing/point outlet	186-07228

RECESSED HOUSING/POINT OUTLET

ceiling thickness: 1-30mm

TYPE	ORDER CODE
recessed housing/point outlet	186-07227

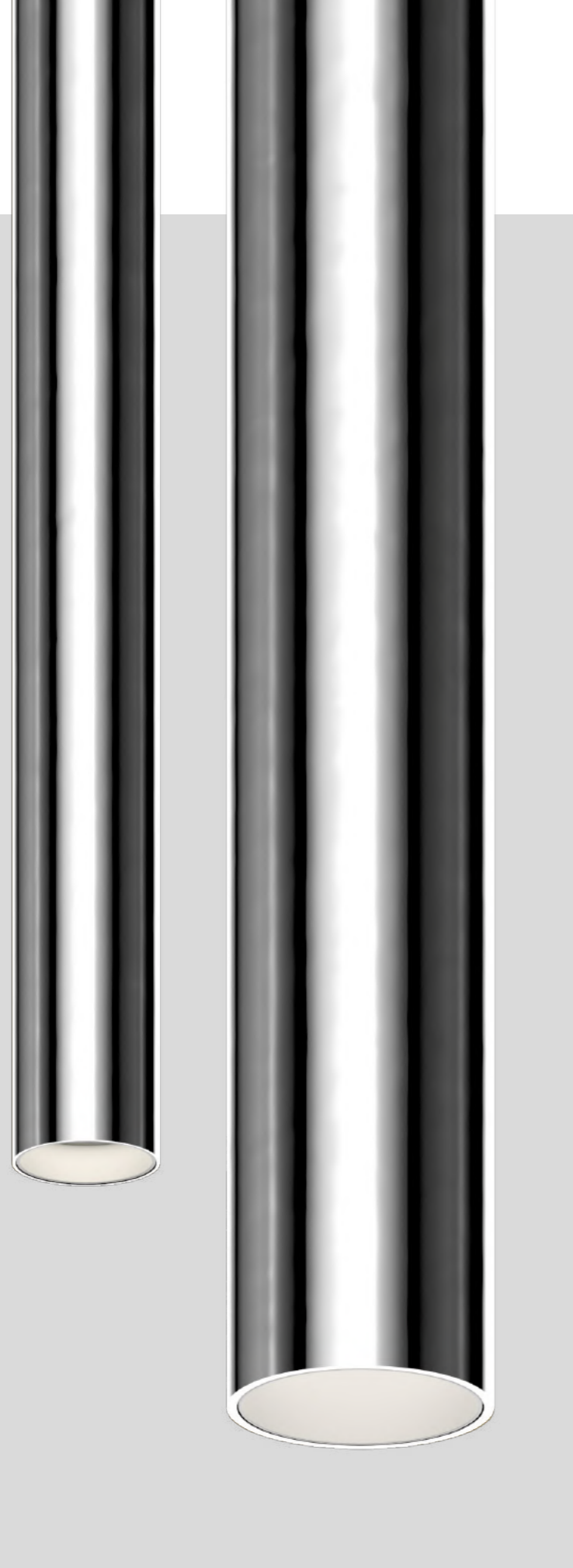


DiiA® standards
251, 252, 253

interchangeable
diffusion sheets360° rotatable
310° tiltableDIM POTI/
rotation lock

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, lens spot

Free to arrange



TULA

EN A suspended luminaire that gives more than “just” light. TULA immediately catches the eye with its decorative, slim shape. The luminaire is available in white, black, and chrome, as well as in numerous custom colours. Depending on your interior design, choose between the light colours 2700K, 3000K, or 4000K. The position of the luminaires can be easily changed with additional hooks on the cable and rings on the ceiling, thus TULA always adapts itself to evolving conditions in the space or creates artistic patterns. TULA is also available as a lighting inset for the MOVE IT track system.

FR Un luminaire suspendu qui offre plus que << simplement >> de la lumière. Grâce à sa forme décorative et élancée, TULA attire spontanément l'attention. Ce luminaire est disponible en blanc, noir et chromé, ainsi que dans de nombreuses couleurs spéciales. Selon le design d'intérieur, vous avez le choix entre trois longueurs et les température de couleurs 2700 K, 3000 K ou 4000 K. La position de la lampe est facile à modifier grâce à des crochets supplémentaires sur le câble et à des anneaux au plafond – ainsi, elle s'adapte à tous les changements de disposition dans l'espace ou crée des motifs artistiques. TULA est également disponible comme insert lumineux pour le système de rails triphasé MOVE IT.

Types



25
nano

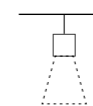
45
micro

Mounting

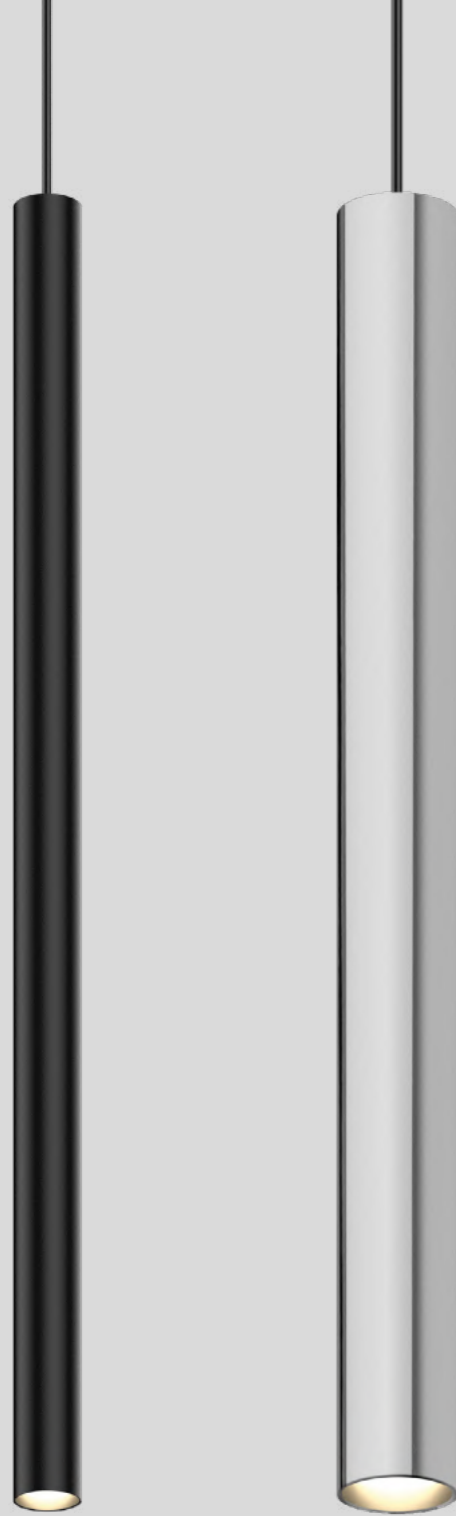


suspended

Light distribution



downlight



TULA

suspended

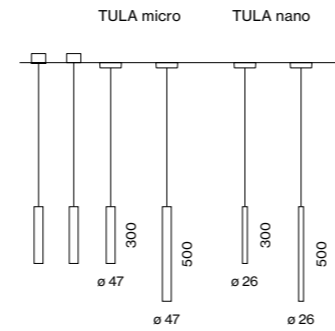
EN Decorative suspended luminaire in aluminium; surface polished chrome or powder coated; pendant fitting with suspension, incl. feed (black or white); can be individually shortened; good glare reduction due to recessed light point plane; incl. high quality lens system; COB (Chip on Board) technology or high power LEDs for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; canopy for through wiring; converter included in canopy, either recessed or surface mounted version; ceiling mounting rings for multiple positioning of the luminaire in the room available as accessory

FR Luminaire décoratif à suspension en aluminium ; surface chrome poli ou surface thermolaquée ; suspension par câble, câble d'alimentation inclus (noir ou blanche) ; recoupable à volonté ; bon anti-éblouissement grâce aux points lumineux en retrait ; incl. optique lentille de grande qualité ; avec technologie COB (Chip on Board) ou High-Power-LED pour efficacité maximale ; pas d'ombres multiples ; LED économes en énergie à restitution de couleur élevée ; cache-piton pour câblage continu ; convertisseur inclus dans le cache-piton, au choix en variante encastrée ou en saillie ; anneaux de montage au plafond pour un positionnement multiple des luminaires dans la pièce disponibles comme accessoires

Quickinfo

2700 K, 3000 K
CRI ≥ 90, 3 SDCM
up to 95 lm/W
L80 @ 50 000 h
non DIM, DALI-2, Casambi

Types



Colours



Light distributions



Order options

HOUSING HEIGHT	L
300 mm	5
500 mm	7

SUSPENSION

cable 1500 mm

COLOUR TEMPERATURE

2700 K	4
3000 K	5

MATERIAL COLOUR

● chrome	4
○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours* ● p. 992	X

*cable always in white

BEAM ANGLE

medium 25°	M
flood 44°	F

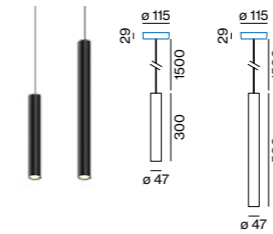
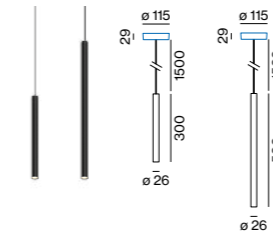
ACCESSORY COLOUR

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

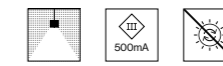
Options on request

COLOUR TEMPERATURE

4000 K

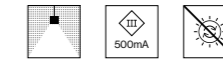


TULA nano suspended



INSET POWER	LUMINOUS FLUX	ORDER CODE
9 W 18 Vf 500mA	732lm	0 4 9 - 5 L 1 0 :: 1 ▣ ▣

TULA micro suspended



INSET POWER	LUMINOUS FLUX	ORDER CODE
8.4 W 18 Vf 500mA	798lm	0 4 9 - 5 L 1 5 :: 1 ▣ ▣

Mounting accessories

CANOPY CEILING 220–240 V AC, 50–60 Hz, PC I

TYPE	EFFICIENCY	Ø-H (mm)	ORDER CODE
500 mA non DIM	η 79 %	115-29	0 0 5 - 2 6 0 2 1 1 ▣
500 mA DALI-2	η 81 %	115-29	0 0 5 - 2 6 0 2 1 3 ▣
500 mA Casambi	η 80 %	115-29	0 0 5 - 2 6 0 2 1 9 ▣

MOUNTING SET RECESSED WITH TRIM

for installation in ceilings from 2–25 mm

TYPE	Ø-H (mm)	ORDER CODE
mounting set with trim	77-49	0 0 5 - 3 5 2 1 0 1 ▣

MOUNTING SET RECESSED TRIMLESS

for installation in plasterboard ceilings 9–25 mm

TYPE	Ø-H (mm)	ORDER CODE
mounting set trimless	75-48	0 0 5 - 3 5 1 1 0 1 7

SPECIAL MOUNTING TOOL

TYPE	Ø-H (mm)	ORDER CODE
special mounting tool	100-9	0 6 3 - 8 9 1 2 1 1 0

necessary to install mounting set trimless

RING

TYPE	Ø-H (mm)	ORDER CODE
ceiling mounted	50-88	0 5 0 - 0 5 1 0 2 1 ▣

HOOK

TYPE	L-W-H (mm)	ORDER CODE
ceiling mounted	18-13-58	0 5 0 - 5 9 0 1 1 1 ▣

Electrical accessories

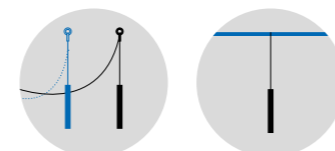
POWER SUPPLY 220-240 V AC, 50-60 Hz, PC II

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
500 mA non DIM	η 80 %	65-39-20	0 0 2 - 9 0 7 3 2
500 mA DALI-2	η 82 %	147-33-23	0 0 2 - 9 0 7 3 3

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48 V 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 × 42 W 48 V DC U _{OUT} 10–40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981



free positioning by ring and hook track version available (p. 742)



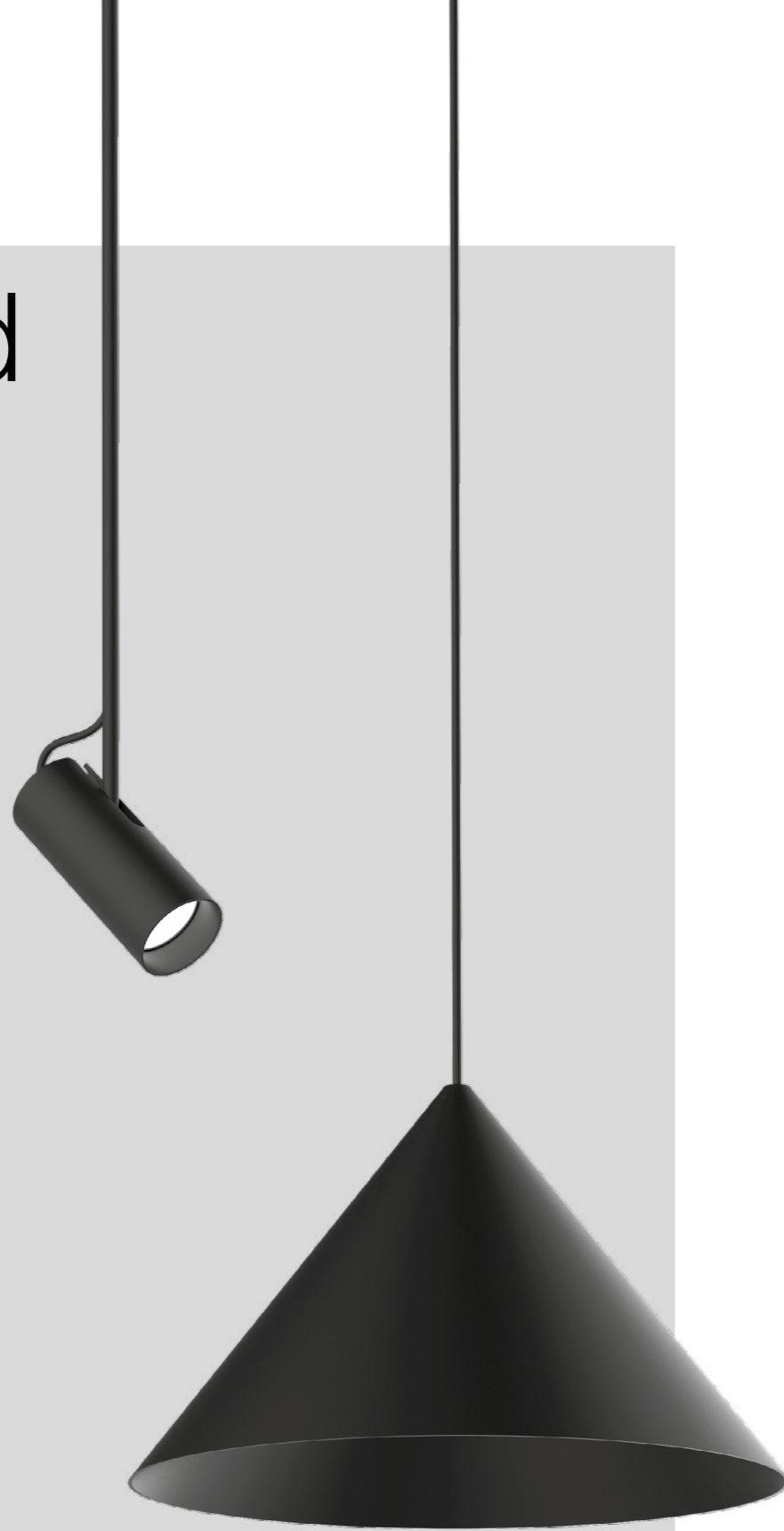
Casino Dusseldorf, DE –
by ttsp hwp seidel Planungsgesellschaft mbH
with lighting design by Licht Kunst Licht AG



Global Timber Århus, DK –
by RAVN architects with lighting
design by Rikke Sølvsteen



Arrange the mood

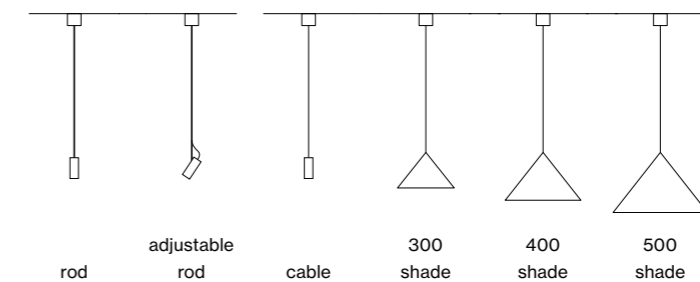


ARY

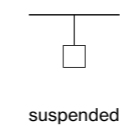
EN ARY simultaneously serves lighting and decor. The suspended spotlight luminaire amazes with various selectable beam characteristics and excellent colour rendering ($CRI \geq 90$). ARY's adjustable rod variant is maximally mobile. The spotlight head can be turned by 320° and tilted by 90° . The cable variant offers a choice of different shades to match the colour and size perfectly to your interior design. Separate ceiling rings create even more design freedom. The lights can be repositioned at will and grouped into exciting arrangements using the hooks. ARY is also available as a light inset for the elegant MOVE IT track system.

FR ARY est à la fois un appareil d'éclairage et un objet de décoration. Ce spot suspendu séduit par la possibilité de sélectionner différentes caractéristiques de rayonnement et l'excellent rendu des couleurs ($CRI \geq 90$). Dans sa variante Adjustable-Rod, ARY présente une mobilité maximale : la tête du spot est pivotante à 320° et inclinable à 90° . Pour la suspendue par câble, vous avez le choix entre différents stades, afin que la couleur et la taille correspondent parfaitement à votre décoration d'intérieur. Des anneaux de plafond séparés offrent encore plus de liberté de conception : ils permettent de repositionner les spots à volonté grâce à des crochets et de les regrouper en des arrangements attrayants. ARY est également disponible comme module d'éclairage pour l'élégant système de rails magnétique MOVE IT.

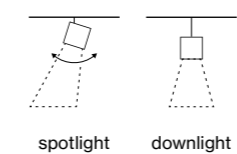
Types

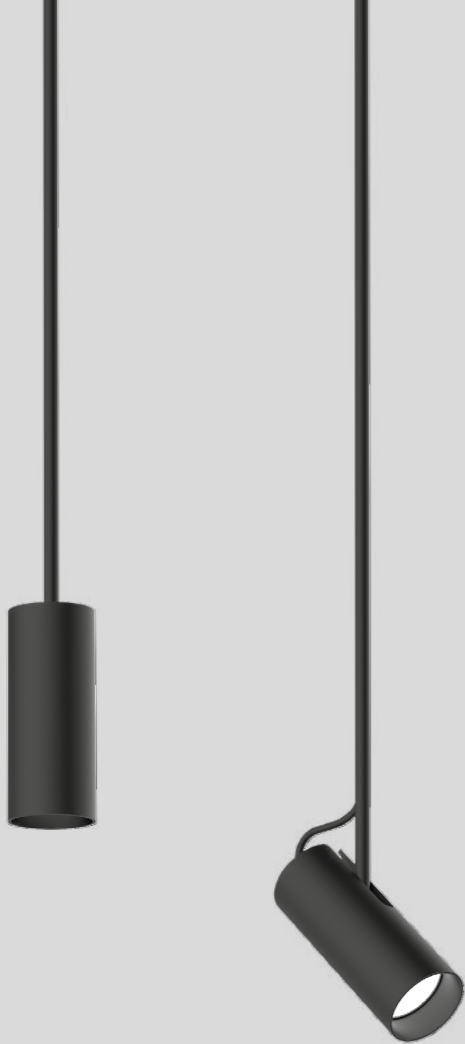


Mounting



Light distributions





ARY rod

suspended

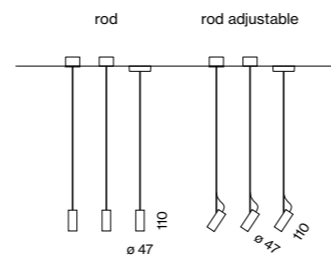
EN Decorative suspended luminaire in aluminium; surface powder coated; height adjustable U-profile pendant rod suspension (black or white), feed in U-profile; spotlight head either fixed or 320° rotatable and 90° tiltable; good glare reduction due to recessed light point plane; incl. high quality lens system; precise radiation characteristics with different beam angles; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; canopy for through wiring; converter included in canopy; ceiling mounting rings for multiple positioning of the luminaire in the room available as accessory

FR Luminaire décoratif à suspension en alu ; surface thermolaquée ; susp. par barres de susp. profilées en U pouvant être raccourcies (noir ou blanche), conduit d'aliment. dans le profil en U ; tête du projecteur au choix rigide ou pivotante 320° et orientable 90° ; bon anti-éblouissement grâce aux points lumineux en retrait ; incl. optique lentille de qualité ; précision de caract. de rayonnement avec divers angles de diff. ; avec tech. COB pour efficacité max. ; pas d'ombres multiples ; LED efficaces à restitution de couleur élevée ; cache-piton pour câblage continu ; convert. dans le cache-piton ; anneaux de montage au plafond pour un pos. multiple des luminaires dans la pièce disponibles

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 3 SDCM
up to 95 lm/W
L90 @ 50 000 h
non DIM, DALI-2, Casambi

Types



Colours



Light distributions



Order options

MOUNTING

suspension 1500 mm 1
suspension 2000 mm with hook* 2

*one ring included

COLOUR TEMPERATURE

2700 K 4
3000 K 5
4000 K 6

MATERIAL COLOUR

○ traffic white RAL 9016 7
● jet black RAL 9005 8
● special colours* p. 992 X

*rod always in white

ACCESSORY COLOUR

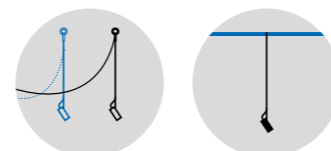
○ traffic white RAL 9016 7
● jet black RAL 9005 8

BEAM ANGLE

medium 25° M
flood 44° F

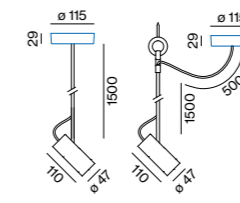
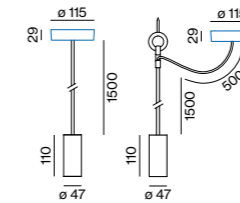


320° rotatable,
90° tiltable



free positioning by ring and hook track version available (p. 734)

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, lens flood
2700 K -5%, 4000 K +5%



ARY rod suspended



DOWNLIGHT

INSET POWER 8.4 W 18 Vf 500 mA
LUMINOUS FLUX 791 lm
ORDER CODE 0 4 9 - 5 2 1 :: 1

ARY adjustable rod suspended



SPOTLIGHT ADJUSTABLE

INSET POWER 8.4 W 18 Vf 500 mA
LUMINOUS FLUX 791 lm
ORDER CODE 0 4 9 - 5 3 1 :: 1

Mounting accessories



CANOPY CEILING 220–240 V AC, 50–60 Hz, PC I

TYPE	EFFICIENCY	Ø-H (mm)	ORDER CODE
500 mA non DIM	η 79 %	115-29	0 0 5 - 2 6 0 1 1 1 ■
500 mA DALI-2	η 81 %	115-29	0 0 5 - 2 6 0 1 1 3 ■
500 mA Casambi	η 80 %	115-29	0 0 5 - 2 6 0 1 1 9 ■

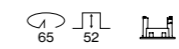
use for suspension with rod



CANOPY CEILING 220–240 V AC, 50–60 Hz, PC I

TYPE	EFFICIENCY	Ø-H (mm)	ORDER CODE
500 mA non DIM	η 79 %	115-29	0 0 5 - 2 6 0 2 1 1 ■
500 mA DALI-2	η 81 %	115-29	0 0 5 - 2 6 0 2 1 3 ■
500 mA Casambi	η 80 %	115-29	0 0 5 - 2 6 0 2 1 9 ■

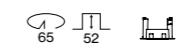
use for suspension with hook



MOUNTING SET WITH TRIM for installation in ceilings from 2–25 mm

TYPE	Ø-H (mm)	ORDER CODE
single luminaire rod	77-49	0 0 5 - 3 5 2 2 0 1 ■
single luminaire cable*	77-49	0 0 5 - 3 5 2 1 0 1 ■

*use for suspension with hook



MOUNTING SET TRIMLESS for installation in plasterboard ceilings 9–25 mm

TYPE	Ø-H (mm)	ORDER CODE
single luminaire rod	75-48	0 0 5 - 3 5 1 2 0 1 7
single luminaire cable*	75-48	0 0 5 - 3 5 1 1 0 1 7

*use for suspension with hook



SPECIAL MOUNTING TOOL

TYPE	Ø-H (mm)	ORDER CODE
special mounting tool	100-9	0 6 3 - 8 9 1 2 1 1 0

necessary to install mounting set trimless



RING

TYPE	Ø-H (mm)	ORDER CODE
ceiling mounted	50-88	0 5 0 - 0 5 1 0 2 1 ■

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
500 mA non DIM	η 80 %	65-39-20	0 0 2 - 9 0 7 3 2
500 mA DALI-2	η 82 %	147-33-23	0 0 2 - 9 0 7 3 3

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48 V 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 × 42 W 48 V DC U _{OUT} 10–40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981



Restaurant Le Prestine Antwerp, BE –
by Space Copenhagen
with lighting design by anker & co





Restaurant Vinea Oldenburg, DE –
 by neun grad architektur with lighting design
 by CapitalReal Immobilien GmbH & Co. KG, Dennis Poelmeyer





ARY cable

suspended

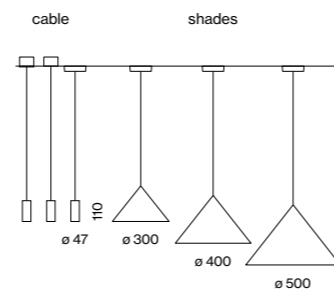
EN Decorative suspended luminaire in aluminium; surface powder coated; pendant fitting with suspension, incl. feed (black or white); can be individually shortened; good glare reduction due to recessed light point plane; high quality lens system; precise radiation characteristics with different beam angles; shades as accessory in RAL colours velvet beige, madeira brown, kingfisher grey, woodpecker olive, signal white or signal black; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering; canopy for through wiring; converter included in canopy; ceiling mounting rings for multiple positioning of the luminaire in the room available as accessory

FR Luminaire décoratif à suspension en aluminium; surface thermolaquée; suspension par câble, câble d'alimentation inclus (noir ou blanche); recoupable à volonté; bon anti-éblouissement grâce aux points lumineux en retrait; optique lentille de grande qualité; précision de caractéristique de rayonnement avec divers angles de diffusion; abat-jours comme accessoires dans les couleurs RAL velvet beige, madeira brown, kingfisher grey, woodpecker olive, signal white ou signal black; technologie COB (Chip on Board) pour efficacité maximale; pas d'ombres multiples; LED économes en énergie à restitution de couleur élevée; cache-piton pour câblage continu; convertisseur inclus dans le cache-piton; anneaux de montage au plafond pour un positionnement multiple des luminaires dans la pièce disponibles comme accessoires

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 3 SDCM
up to 95 lm/W
L90 @ 50 000 h
non DIM, DALI-2, Casambi

Types



Colours



Light distributions



Order options

MOUNTING

suspension 1500 mm 1
suspension 2000 mm with hook* 2

*one ring included

COLOUR TEMPERATURE

2700 K 4
3000 K 5
4000 K 6

MATERIAL COLOUR

○ traffic white RAL 9016 7
● jet black RAL 9005 8
● special colours* p. 992 X

*cable always in white

SHADE COLOUR

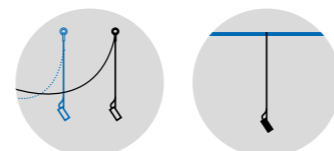
● velvet beige RAL 085 80 10 C
● madeira brown RAL 050 40 40 T
● kingfisher grey RAL 230 60 10 L
● woodpecker olive RAL 10 50 20 G
○ signal white RAL 9003 W
● signal black RAL 9004 B

ACCESSORY COLOUR

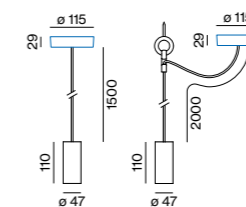
○ traffic white RAL 9016 7
● jet black RAL 9005 8

BEAM ANGLE

medium 25° M
flood 44° F



free positioning by ring and hook
track version available (p. 736)



ARY cable suspended



DOWNLIGHT

INSET POWER 8.4 W 18 Vf 500mA
LUMINOUS FLUX 791 lm
ORDER CODE 0 4 9 - 5 1 1 1 1 1 1 1

Optical accessories

SHADE

TYPE	Ø-H (mm)	ORDER CODE
cone 300	300-188	0 4 9 - 5 9 3 3 1 1 1
cone 400	400-253	0 4 9 - 5 9 3 4 1 1 1
cone 500	500-318	0 4 9 - 5 9 3 5 1 1 1

Mounting accessories

CANOPY CEILING 220-240 V AC, 50-60 Hz, PC I

TYPE	EFFICIENCY	Ø-H (mm)	ORDER CODE
500 mA non DIM	η 79 %	115-29	0 0 5 - 2 6 0 2 1 1 1
500 mA DALI-2	η 81 %	115-29	0 0 5 - 2 6 0 2 1 3 1
500 mA Casambi	η 80 %	115-29	0 0 5 - 2 6 0 2 1 9 1

MOUNTING SET RECESSED WITH TRIM

for installation in ceilings from 2-25 mm

TYPE	Ø-H (mm)	ORDER CODE
mounting set with trim	77-49	0 0 5 - 3 5 2 1 0 1 1

MOUNTING SET RECESSED TRIMLESS

for installation in plasterboard ceilings 9-25 mm

TYPE	Ø-H (mm)	ORDER CODE
mounting set trimless	75-48	0 0 5 - 3 5 1 1 0 1 7

SPECIAL MOUNTING TOOL

TYPE	Ø-H (mm)	ORDER CODE
special mounting tool	100-9	0 6 3 - 8 9 1 2 1 1 0

necessary to install mounting set trimless

RING

TYPE	Ø-H (mm)	ORDER CODE
ceiling mounted	50-88	0 5 0 - 0 5 1 0 2 1 1

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
500 mA non DIM	η 80 %	65-39-20	0 0 2 - 9 0 7 3 2
500 mA DALI-2	η 82 %	147-33-23	0 0 2 - 9 0 7 3 3

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48 V 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 × 42 W 48 V DC U _{OUT} 10-40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

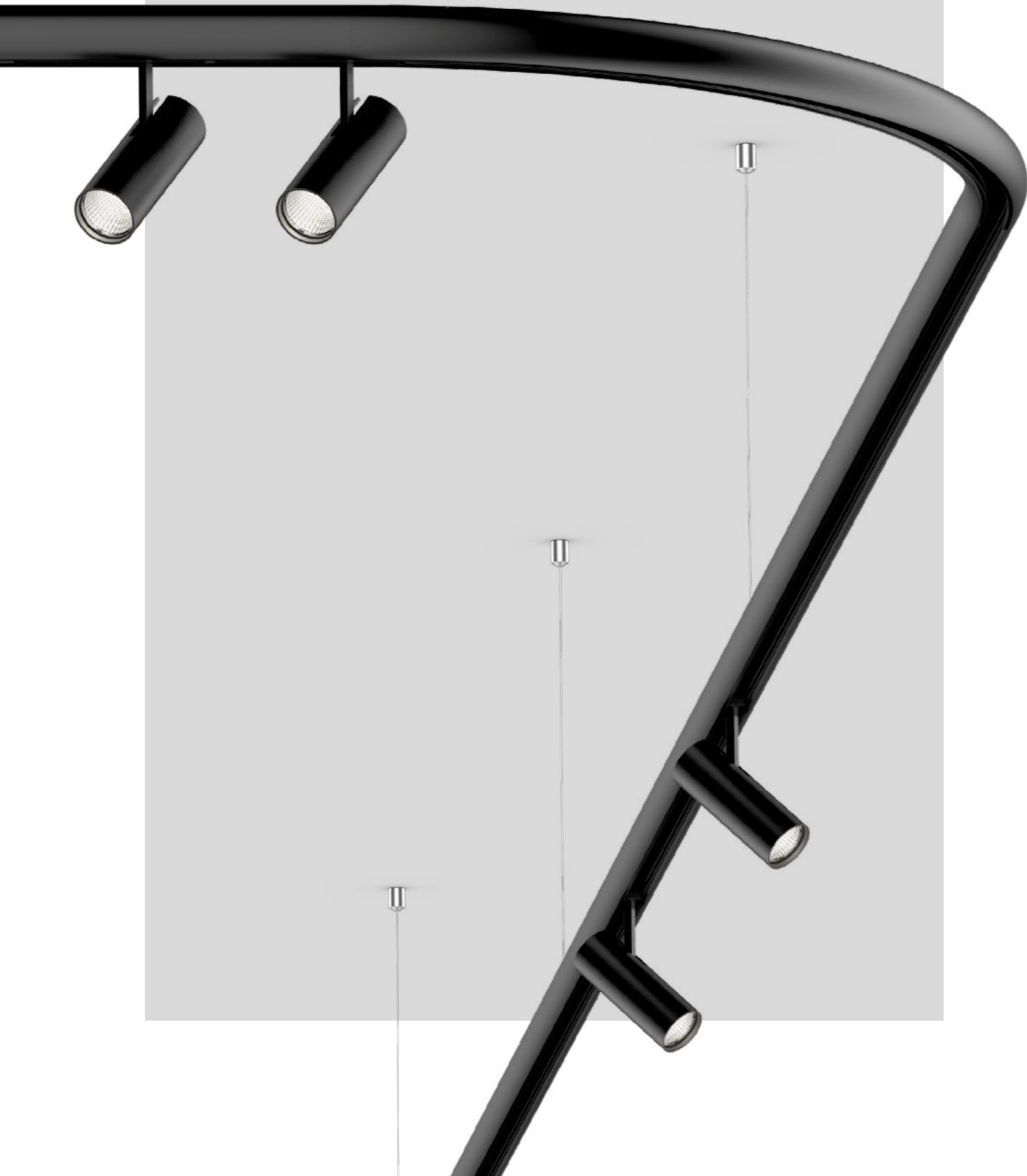
for more details and components see page 981

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, lens flood 2700 K -5%, 4000 K +5%

Colliers Real-estate Copenhagen, DK –
by Architect Helle Nøhr with lighting
design by anker & co



Get on track



TRACK 3-phase

EN A particularly elegant and versatile track system. The three-phase track is available in square, round, or H-shaped profile form. The surface-mounted and suspended versions deliver further design freedom when combined with curved and corner connectors. The suspended H-profile enables exciting ceiling accentuation through optional light insets on the top of the profile. In many variants, the adapter disappears entirely in the profile and supports the reduced look. The high-quality appearance is enhanced by choosing between the colours white, grey, and black.

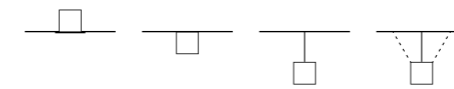
FR Un système de rails conducteurs particulièrement élégant qui séduit par sa polyvalence. Le rail à 3 phases est disponible sous forme de profilé rectangulaire, rond ou en forme de H. En combinaison avec des connecteurs courbes et d'angle, la variante en saillie et la variante suspendue offrent encore plus de liberté de conception. Le profilé en H suspendu permet une intéressante accentuation du plafond par des inserts lumineux en option sur la partie supérieure du profilé. Dans de nombreuses variantes, l'adaptateur disparaît totalement dans le profilé et contribue à un aspect minimaliste. L'apparence noble est renforcée par le choix des couleurs : blanc, gris et noir.

Types



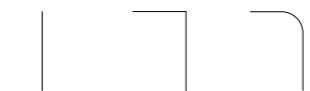
30x40 45 30x80

Mountings



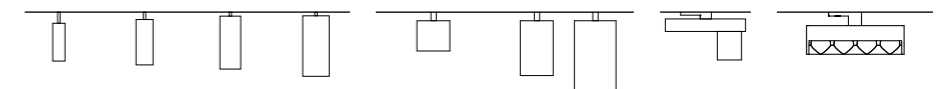
recessed surface suspended indirect
suspended

Configurations



linear corner curve

Compatible spotlights

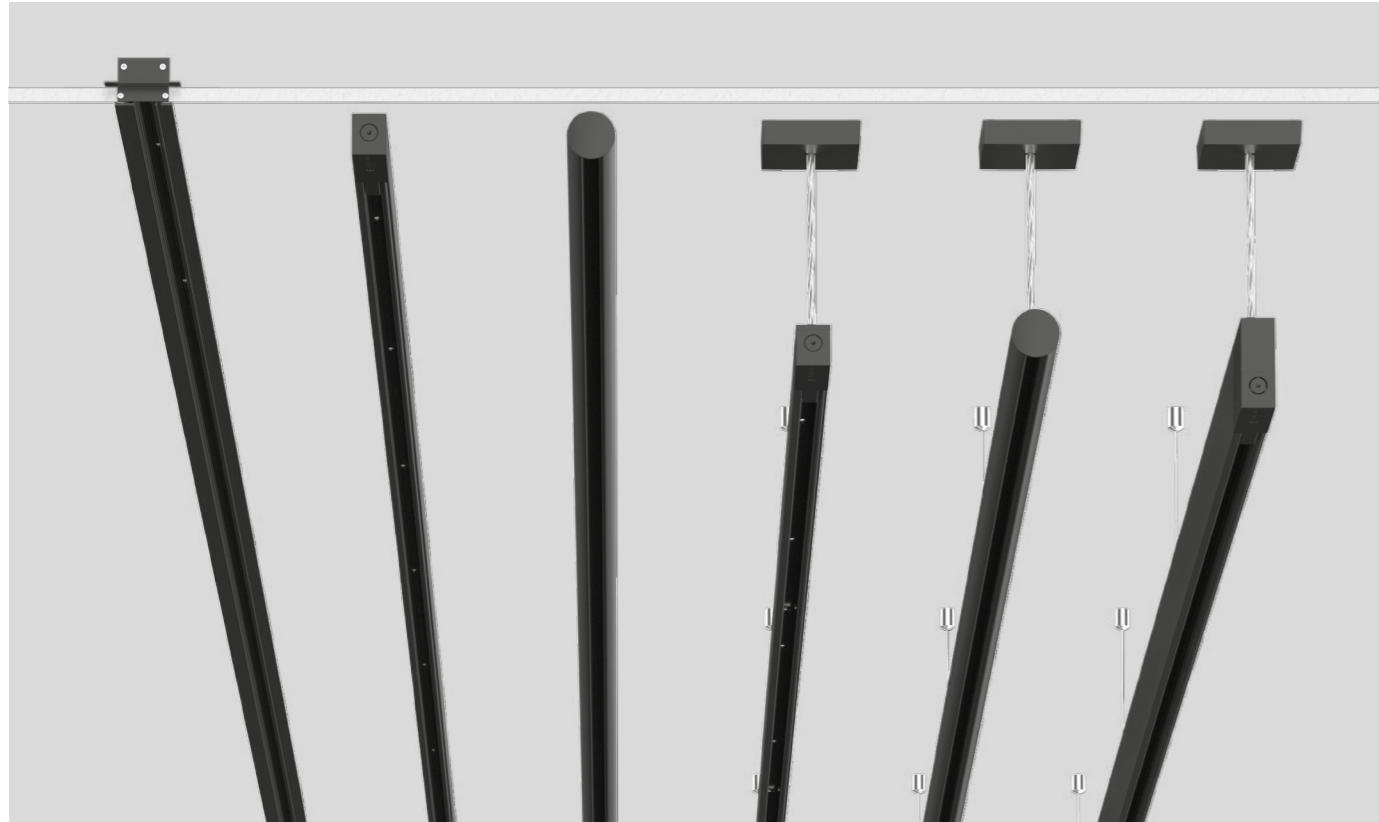


BO 32 BO 45 BO 55 BO 70 VARO 80 S VARO 80/110 PABLO SQUADRO

Mounting options

EN The three-phase tracks are available as recessed, surface-mounted, and suspended versions.

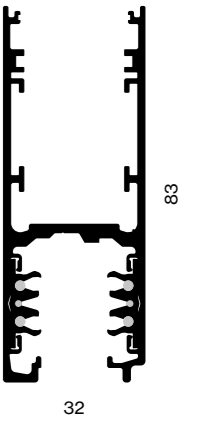
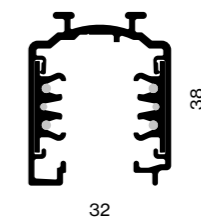
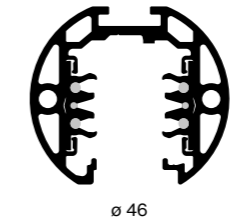
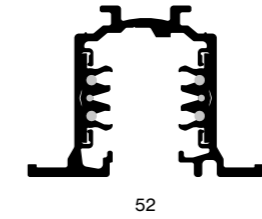
FR Les rails triphasés sont disponibles en encastrer, en saillie et suspendue.



Track variety

EN Available in round, square, and H-shape, the profile offers custom application options. Concealing the adapter in the profile creates a visually calm ceiling image. This concealment is available in the surface-mounted and suspended variants, in both the round and square forms. The unique feature of the suspended H-profile is that it can create indirect light by mounting, without tools, lighting insets on the top.

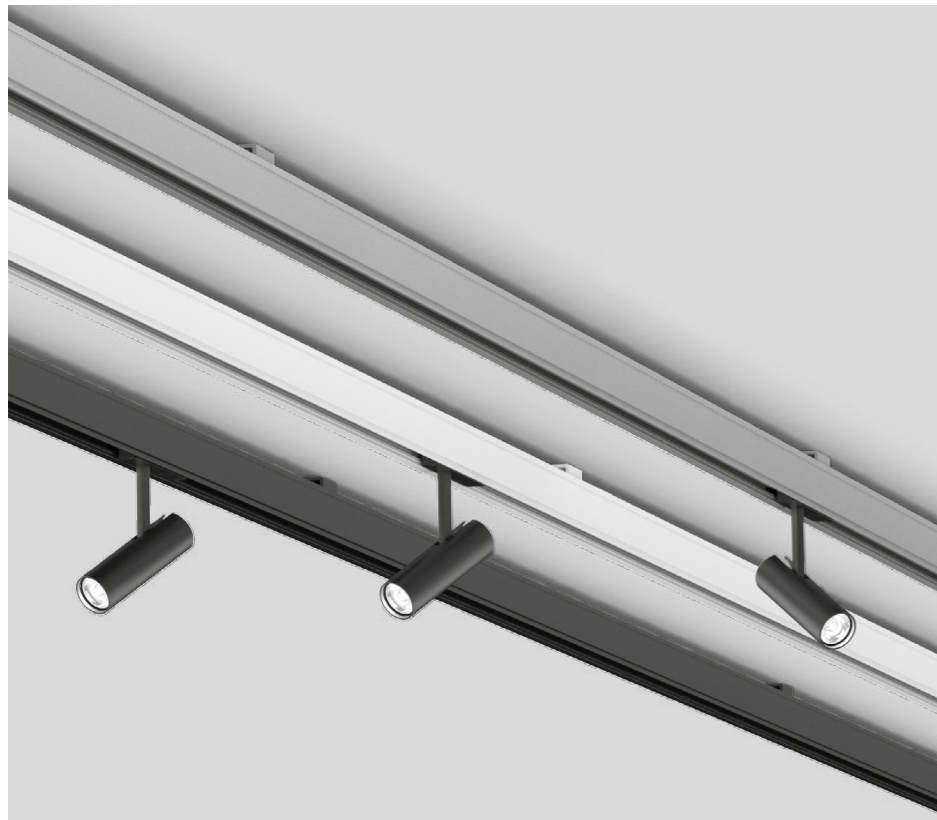
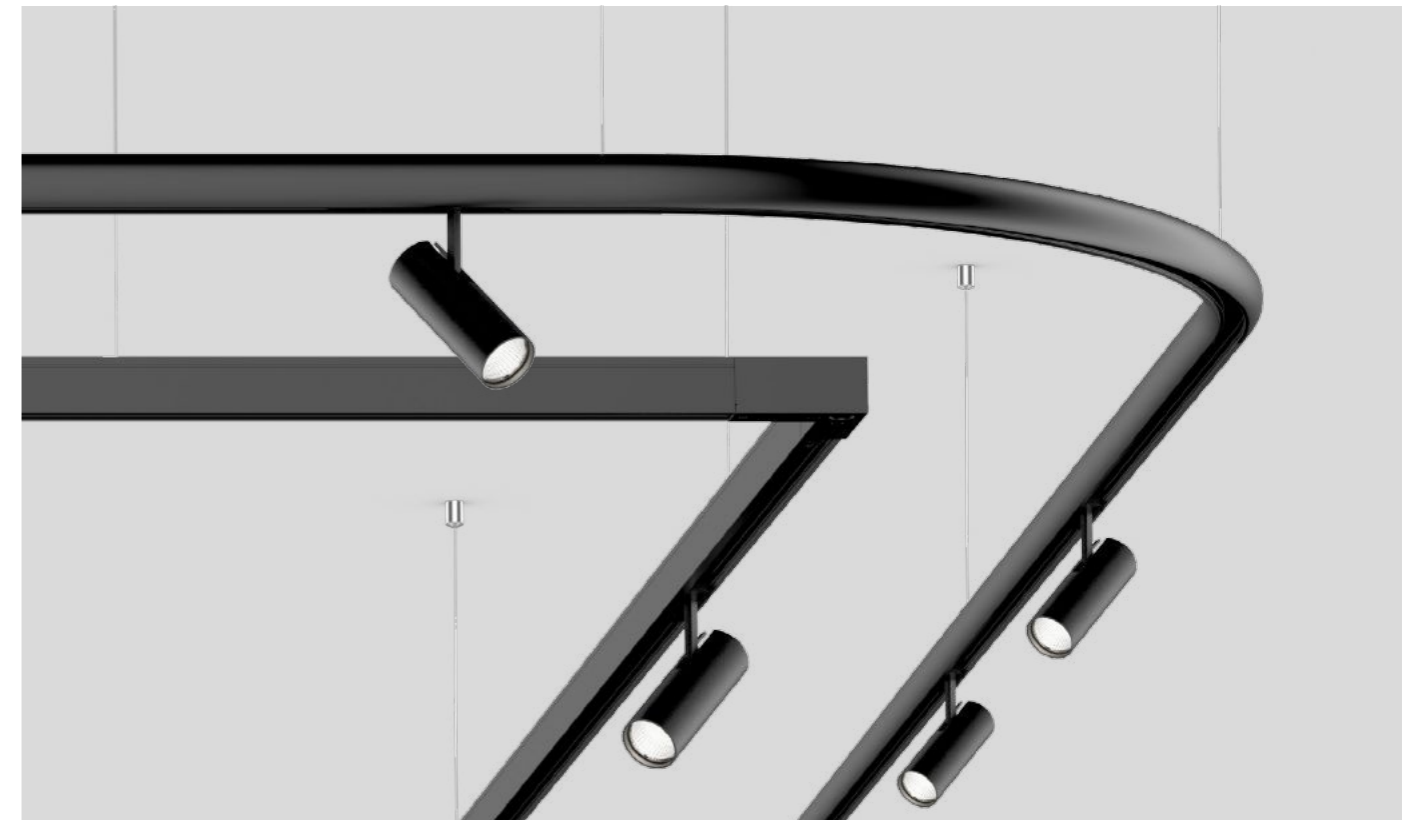
FR Disponible sous forme ronde, carrée et en forme de H, ce profilé offre des possibilités personnalisées de mise en œuvre. Dans la variante en saillie et la variante suspendue, disponible sous forme ronde et carrée, l'adaptateur caché dans le profilé permet d'obtenir un plafond visuellement épuré. La particularité du profilé suspendu en H : des inserts lumineux peuvent également être montés sans outil sur la partie supérieure afin de produire une lumière indirecte.



Curve and corner elements

EN Additional creative design options are opened when combined with curve and corner elements. The lighting system can thus be adapted to the different contours of the respective architecture.

FR En combinaison avec des éléments de coins et courbes, on obtient de plus des options de conception créatives. Ainsi, le système d'éclairage peut être adapté aux différents contours de l'architecture de chaque site.



Colour variety

EN Tracks are available in different standard colours: white, grey, and black.

FR Les rails de distribution sont disponibles en différentes couleurs standard : blanc, gris et noir.



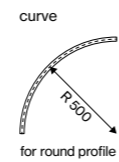
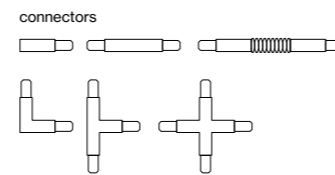
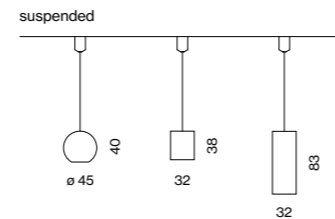
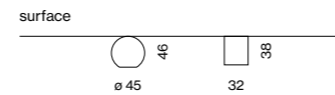
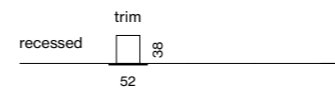
back



TRACK 3-phase

recessed / surface / suspended

Types



Colours



back

TRACK recessed

Order options

CONTROL

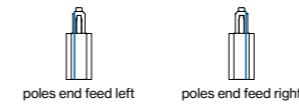
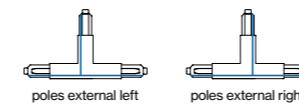
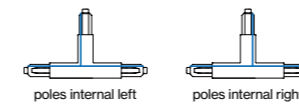
non DIM

DALI-2

MATERIAL COLOUR

- pure white RAL 9010 7
- jet black RAL 9005 8

Pole options



TRACK 3-phase/3-phase + DALI-2-bus



TRACK 240V-16A

L (mm)	ORDER CODE
2000	186-012213
3000	186-012313
4000	186-012413

end cap 186-022011

end feed left 186-022313

end feed right 186-022413

middle feed 186-021323

CONNECTORS 240V-16A

TYPE ORDER CODE

linear connector 186-021113

L-connector 186-022123

L-connector right 186-022133

L-connector left 186-022233

T-connector right (poles internal) 186-022143

T-connector left (poles internal) 186-022243

T-connector right (poles external) 186-022173

T-connector left (poles external) 186-022273

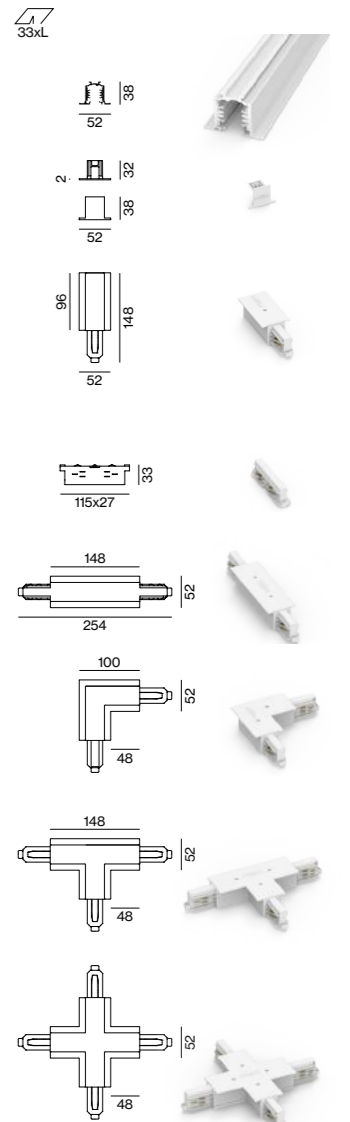
X-connector 186-022153

MOUNTING ACCESSORIES

TYPE ORDER CODE

clip 186-0225110

cutting tool 186-0219110



curve
connector



optimised adapter
integration

← back

TRACK

surface/suspended

Order options

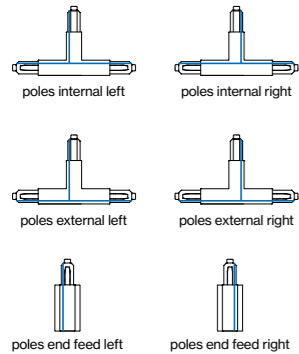
CONTROL

non DIM
DALI-2

MATERIAL COLOUR

- pure white RAL 9010 7
- white aluminium RAL 9006 6
- jet black RAL 9005 8

Pole options



TRACK 3-phase/3-phase + DALI-2-bus



TRACK 240V-16A

L (mm)	ORDER CODE
1000	186-011123
2000	186-011223
3000	186-011323
4000	186-011423

end cap 186-021011

end feed left 186-021313
end feed right 186-021413
middle feed* 186-021323

*only available in white and black

CONNECTORS 240V-16A

TYPE ORDER CODE
linear connector 186-021113

I-connector 186-021123

L-connector right 186-021133
L-connector left 186-021233

T-connector right (poles internal) 186-021143
T-connector left (poles internal) 186-021243
T-connector right (poles external) 186-021173
T-connector left (poles external) 186-021273

X-connector 186-021153

adjustable corner connector 186-021163

MOUNTING ACCESSORIES

TYPE ORDER CODE
ceiling clip 186-021511

pendant clip cable 186-021521
pendant clip rod 186-021541

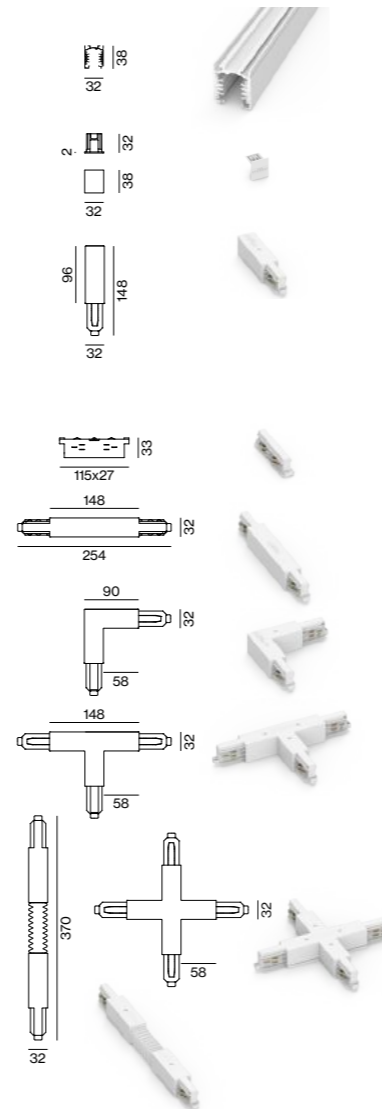
joiner piece cable 186-021531
joiner piece rod 186-021551

cutting tool 186-0219110

SUSPENSION KIT

TYPE ORDER CODE
pendant 1000 186-021611

cable 1500 186-0217110
cable 3000 186-0217210
cable 6200 186-0217310



← back

TRACK high

surface/suspended

Order options

CONTROL

non DIM
DALI-2

MATERIAL COLOUR

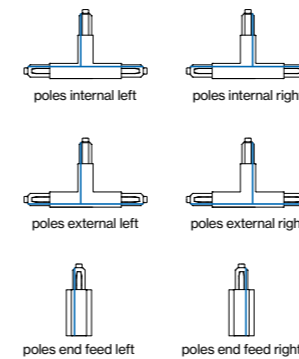
- pure white RAL 9010 7
- jet black RAL 9005 8

Options on request

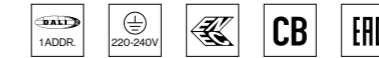
LIGHT OPTIC COVER

inset indirect

Pole options



TRACK high 3-phase/3-phase + DALI-2-bus



TRACK 240V-16A

L (mm)	ORDER CODE
1000	186-016113
2000	186-016213
3000	186-016313
4000	186-016413

end cap 186-026011

end feed left 186-026313
end feed right 186-026413
middle feed 186-021323

CONNECTORS 240V-16A

TYPE ORDER CODE
linear connector 186-026113

I-connector 186-026123

L-connector right 186-026133
L-connector left 186-026233

T-connector right (poles internal) 186-026143
T-connector left (poles internal) 186-026243
T-connector right (poles external) 186-026173
T-connector left (poles external) 186-026273

X-connector 186-026153

MOUNTING ACCESSORIES

TYPE ORDER CODE
pendant clip cable 186-0265210
pendant sheet metal clip 186-0215220
pendant clip rod 186-0265410

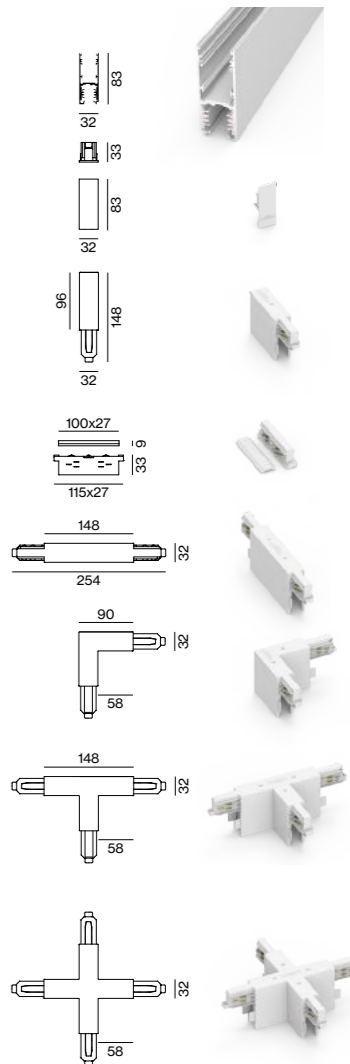
joiner piece cable 186-0265310
joiner piece rod 186-0265510

cutting tool 186-0219110

SUSPENSION KIT

TYPE ORDER CODE
pendant 1000 186-021611

cable 1500 186-0217110
cable 3000 186-0217210
cable 6200 186-0217310



[← back](#)

TRACK round surface/suspended

Order options

CONTROL

 non DIM

 DALI-2

MATERIAL COLOUR

- pure white RAL 9010 7
- jet black RAL 9005 8

Options on request

CONNECTOR

 T-connector

 X-connector

MATERIAL COLOUR

- gold dust RAL 260-M

TRACK round 3-phase/3-phase + DALI-2-bus



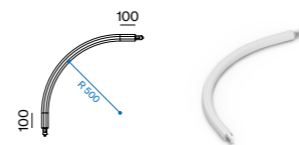
TRACK 240V-16A

L (mm)	ORDER CODE
1000	186-015113
2000	186-015213
3000	186-015313
4000	186-015413



TRACK CURVE 240V-16A

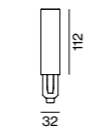
TYPE	ORDER CODE
R 500 90° left	186-015853
R 500 90° right	186-015863



end cap	186-025011
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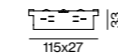


end feed left	186-025313
end feed right	186-025413
middle feed	186-021323

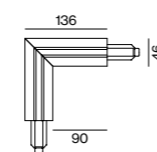


CONNECTORS 240V-16A

TYPE	ORDER CODE
linear connector	186-021113



L-connector right	186-025133
L-connector left	186-025233



MOUNTING ACCESSORIES

TYPE	ORDER CODE
pendant clip cable	186-025521
pendant clip rod	186-025541

joiner piece cable	186-025531
joiner piece rod	186-025551

cutting tool	186-0219110
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SUSPENSION KIT

TYPE	ORDER CODE
pendant 1000	186-021611

cable 1500	186-0217110
cable 3000	186-0217210
cable 6200	186-0217310

