



FREEDOM IN LIGHTING

ARCHITECTURAL LUMINAIRE PORTFOLIO 2024



haas & schmidt
INTELLIGENT LIGHTING



NERIA 400 LED



NERIA 600 LED



NERIA 840 LED



NERIA 1140 LED



NERIA 1480 LED



NERIA LED PORTFOLIO



LIGHT QUALITY & DESIGN FREEDOM

The perfect light is not just improving our visual comfort but also affecting us on emotional and biologic level. Studies have shown that light influence our hormon levels, especially melatonin and serotonin which are responsible for our awake and sleep cycles. Furthermore the invisible flicker of many light sources in the past made our brain busy which resulted to early tiredness. The same was proven when the light was not supporting our visual comfort.

COLOR RENDERING INDEX

The color rendering index (CRI) is a measure about how real colors are getting rendered under the light source in comparison to our daylight with CRI 100. Our products typically achieve a result of CRI 92 and they can be also customized up to CRI 98.

HUMAN CENTRIC LIGHTING

Human Centric Lighting (HCL) describes a shift of the color temperature of the artificial light similar to daylight - relaxing warm color temperatures in the morning and evening and activating cold color temperatures during the day. Our products can be equipped with this fully automated function and supports our biologic clock.

CONTROLLABILITY

We provide control interfaces like DALI and innovative low energy Bluetooth solutions based on Casambi.

FLICKER-FREE

With Tridonic we found the perfect partner delivering flicker free drivers. The light can be dimmed down to 1% or with our partner ELDO LED we achieve a dim level of 0.1% which is a real dim to dark promise.

DESIGN AND FLEXIBILITY

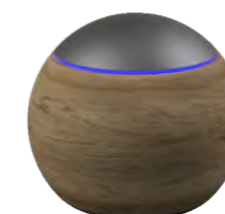
Our products have a unique trimless design. The diffuser is not layered-in and the aluminium frame around the diffuser has a width of 2mm. This allows a minimum width of the ring cross section of just 36mm. Of course it can be more based on request.

The height can be customized between 52 and 82mm. Beside aluminium we can use brass, copper or even stainless steel for wellness and swimming areas (IP rate will be higher in such applications)

In regards to the shapes, we offer also linear, ellipse, square and asymmetric designs - everything on the same product platform.



X-PRESS

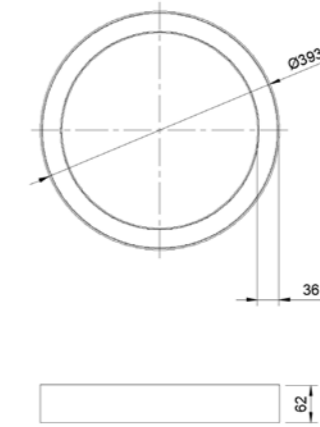


LEDPUK



N E R I A 4 0 0

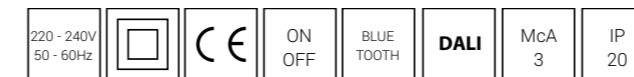
DATASHEET



PRODUCT DATA

Size : 393 x 393 x 62 mm
Weight : 3,2 kg
Materials : Housing : Aluminium
 Optic: PMMA
Optic : Satinated diffusor
Light distribution : Direct 60 % , Indirect 40 %
Driver : FIX, DALI, Bluetooth (behind or on the ceiling)
Ambient temperature : 0 / + 35 °C
Lifetime : L80B10 - 60 000 hours
IP Rating: IP 20, IP 65 on request
Installation : suspended
Wire lengths : 1500mm
DALI addresses : 1
Visual comfort : UGR <19

NERIA 400 LED



COLOR OPTIONS



TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CRI400x62DUAL	32 W	> 90	3000 K	2840 lm
CRI400x62DUAL	32 W	> 90	4000 K	2976 lm
CRI400x62DUAL	32 W	> 90	TW (2700 - 6500 K)	2840 lm

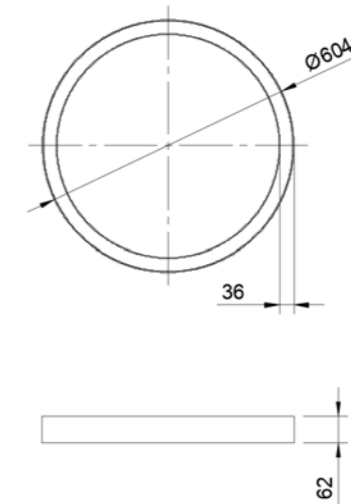
Order example:

CRI400x62	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	OPTION
CRI400x52	-	32	-	930	-	DIFF	-	9003	-	FIX	-	...



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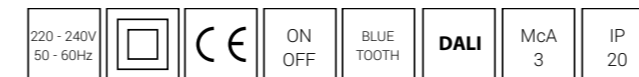
DATASHEET



PRODUCT DATA

Size : 604 x 604 x 62 mm
 Weight : 3,8 kg
 Materials : Housing : Aluminium
 Optic : PMMA
 Optic : Satinated diffusor
 Light distribution : Direct 60% , indirect 40%
 Driver : FIX, DALI, Bluetooth (behind or on ceiling)
 Ambient temperature : 0 / + 35 °C
 Lifetime : L80B10 - 60 000 hours
 IP Rating: IP 20, IP 65 on request
 Installation : suspended
 Wire lengths : 1500mm
 DALI addresses : 1
 Visual comfort : UGR <19

NERIA 600 LED



WOOD OPTIONS



BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CRI600x62	52 W	> 90	3000 K	4970 lm
CRI600x62	52 W	> 90	4000 K	5208 lm
CRI600x62	52 W	> 90	TW (2700 - 6500 K)	4970 lm

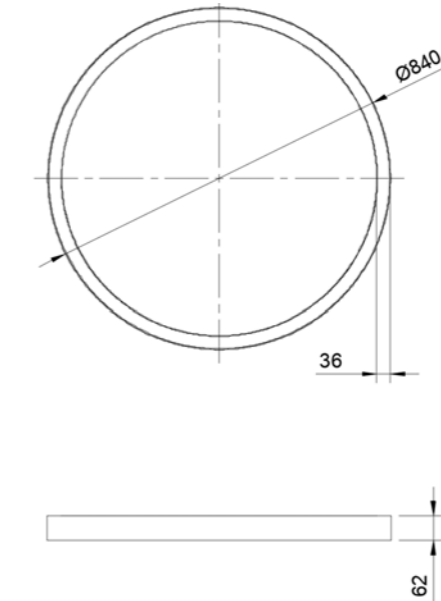
Order example:

CRI600x62	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
CRI600x62	-	52	-	930	-	DIFF	-	9003	-	FIX	-	...



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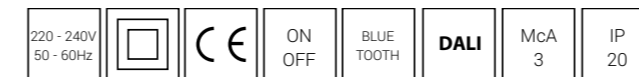
DATASHEET



PRODUCT DATA

Size : 840 x 840 x 62 mm
Weight : 4,8 kg
Materials : Housing : Aluminium
 Optic: PMMA
Optic : Satinated diffusor
Light distribution : Direct 60% , indirect 40%
Driver : FIX, DALI, Bluetooth (inside or on ceiling)
Ambient temperature : 0 / + 35 °C
Lifetime : L80B10 - 60 000 hours
IP Rating: IP 20, IP 65 on request
Installation : suspended
Wire lengths : 1500mm
DALI addresses : 1
Visual comfort : UGR <19

NERIA 840 LED



COLOR OPTIONS



BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CRI840x62	75 W	> 90	3000 K	7100 lm
CRI840x62	75 W	> 90	4000 K	7440 lm
CRI840x62	75 W	> 90	TW (2700 - 6500 K)	7100 lm

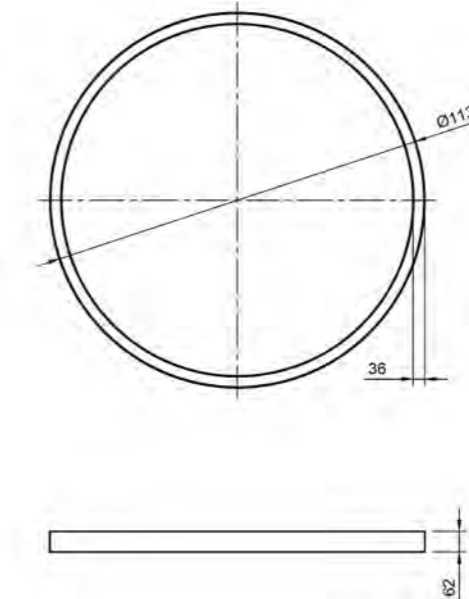
Order example:

CRI840x62	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
CRI840x62	-	75	-	930	-	DIFF	-	9003	-	FIX	-	XYZ



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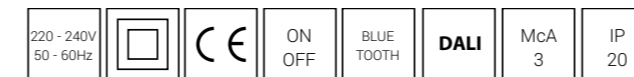
DATASHEET



PRODUCT DATA

Size : 1137 x 1137 x 62 mm
Weight : 7,8 kg
Materials : Housing : Aluminium
 Optic: PMMA
Optic : Satinated diffusor
Light distribution : Direct 65% , indirect 35%
Driver : FIX, DALI, Bluetooth (inside or on ceiling)
Ambient temperature : 0 / + 35 °C
Lifetime : L80B10 - 60 000 hours
IP Rating: IP 20, IP 65 on request
Installation : suspended
Wire lengths : 1500mm
DALI addresses : 1
Visual comfort : UGR <19

NERIA 1140 LED



COLOR OPTIONS



BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CRI1140x62	92 W	> 90	3000 K	8520 lm
CRI1140x62	92 W	> 90	4000 K	8928 lm
CRI1140x62	92 W	> 90	TW (2700 - 6500 K)	8520 lm

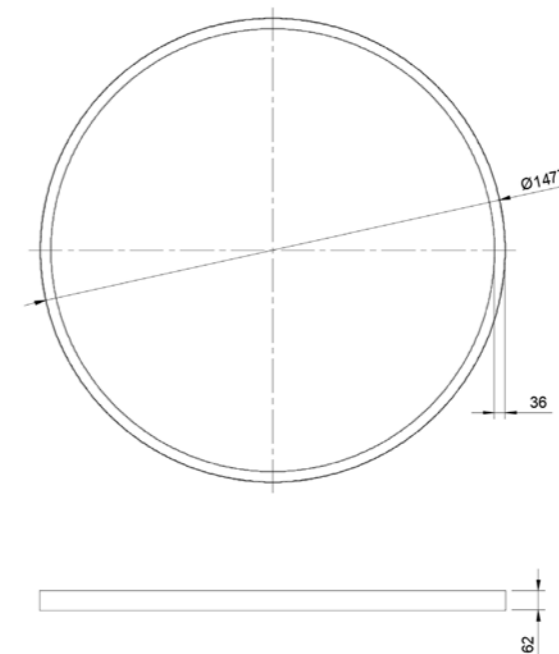
Order example:

CRI1140x62	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	Option
CRI1140x62	-	92	-	930	-	DIFF	-	OAK	-	FIX	-	...



N E R I A 1 4 8 0

DATASHEET



PRODUCT DATA

Size : 1477 x 1477 x 62 mm
Weight : 11.8 kg
Materials : Housing : Aluminium
 Optic : PMMA
Optic : Satinated diffusor
Light distribution : Direct 65% , indirect 35%
Driver : FIX, DALI, Bluetooth (inside or on ceiling)
Ambient temperature : 0 / + 35 °C
Lifetime : L80B10 - 60 000 hours
IP Rating: IP 20, IP 65 on request
Installation : suspended
Wire lengths : 1500mm
DALI addresses : 2
Visual comfort : UGR <19

NERIA 1480 LED



COLOR OPTIONS



TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CRI1480x62	132 W	> 90	3000 K	10650 lm
CRI1480x62	132 W	> 90	4000 K	11160 lm
CRI1480x62	132 W	> 90	TW (2700 - 6500 K)	10650 lm

Order example:

CRI1480x62	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
CRI1480x62	-	132	-	930	-	80	-	9003	-	FIX	-	...



SINGLE COLOR

The luminaire can be powder coated in various colors - from glossy to matt surface

DUAL COLOR

We build the luminaire in the way that different colors on outside and inside ring can be applied. This makes the Classic Ring more trendy and fashion.

DUAL MATERIALS

To use 2 different materials on a ring luminaire is not offered a lot in the market. Choose between materials like real brass, copper or brushed aluminium and convert Classic Ring to a highlight for many applications.



**CEILING COVER CCS200
for vertical surface mounting**

CCS200 is a ceiling cover which accommodate the LED driver and electrical connection. The power cable is going vertical straight up from the luminaire. The suspension wires go vertical to the ceiling.

Dimensions: Diameter 200mm, height 40mm

**CEILING COVER CCS200C
for central surface mounting**

CCS200C is placed in the center point of the luminaire. 3 wires plus one power cable is guided from the luminaire to this center point.

Dimensions: Diameter 200mm, height 40mm

**CEILING COVER CCR90
for recessed mounting**

CCR90 is a simple ceiling installation accessory which allows to place the driver inside the ceiling. By screwing the knob the bracket behind the ceiling get fixed. A side screw allows to adjust the power cable even after installation.
Dimensions: Diameter 90mm
Ceiling cutout: 80mm



NARRA 400x80 LED



NARRA 600x80 LED



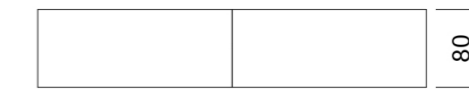
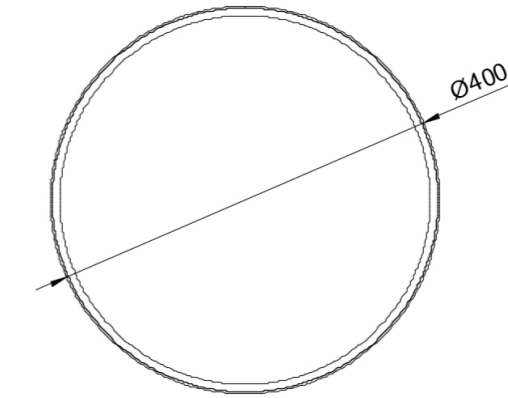
NARRA 900x80 LED





NARRA 400

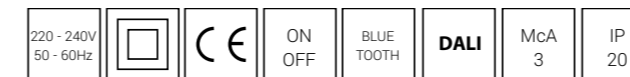
DATASHEET



PRODUCT DATA

Size : 400x80mm
Weight : 3,5 kg
Materials : Housing : Aluminium
 Optic: Polycarbonate
Color: graphit, black, white
Optic : Diffuse (DIFF) or Microprisma (MICRO)
Light distribution : Direct
Driver : FIX, DALI, Bluetooth (inside luminaire)
Ambient temperature : -20 / + 35 °C
Lifetime : L90B10 - 60 000 hours
Installation : surface mounted with twist lock - SM
 suspended (ropes, poles) - SUS
IP rating : IP20, IP54
Visual comfort : UGR <19

NARRA 400x80 LED



COLOR OPTIONS



BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CR400x80	31 W	> 90	3000 K	3410 lm
CR400x80	31 W	> 90	4000 K	3672 lm
CR400x80	31 W	> 90	2700 - 6500 K	3410 lm

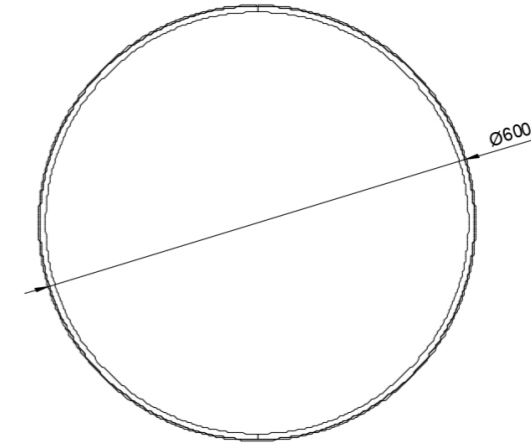
Order example:

CR400x80	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Mounting
CR400x80	-	31	-	930	-	DIFF	-	9005	-	DALI	-	SM



NARRA 600

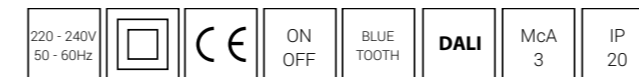
DATASHEET



PRODUCT DATA

Size : 600x80mm
Weight : 4,9 kg
Materials : Housing : Aluminium
 Optic: Polycarbonate
Color: graphit, black, white
Optic : Diffuse (DIFF) or Microprisma (MICRO)
Light distribution : Direct
Driver : FIX, DALI, Bluetooth (inside luminaire)
Ambient temperature : -20 / + 35 °C
Lifetime : L90B10 - 60 000 hours
Installation : surface mounted with twist lock - SM
 suspended (ropes, poles) - SUS
IP rating : IP20, IP54
Visual comfort : UGR <19

NARRA 600x80 LED



COLOR OPTIONS



BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CR600x80	51 W	> 90	3000 K	5400 lm
CR600x80	51 W	> 90	4000 K	5610 lm
CR600x80	51 W	> 90	2700 - 6500 K	5400 lm

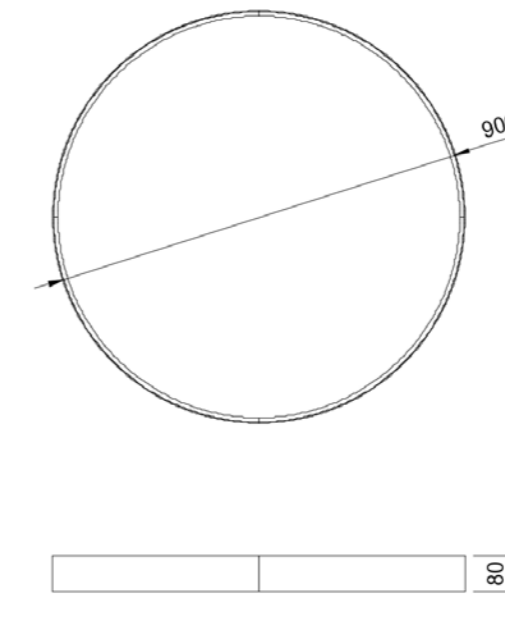
Order example:

CR600x80	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Mounting
CR600x80	-	51	-	930	-	DIFF	-	9005	-	DALI	-	SM



NARRA 900

DATASHEET



PRODUCT DATA

Size : 900x80mm
 Weight : 6,8 kg
 Materials : Housing : Aluminium
 Optic: Polycarbonate
 Color: graphit, black, white
 Optic : Diffuse (DIFF) or Microprisma (MICRO)
 Light distribution : Direct
 Driver : FIX, DALI, Bluetooth (inside luminaire)
 Ambient temperature : -20 / + 35 °C
 Lifetime : L90B10 - 60 000 hours
 Installation : surface mounted with twist lock - SM
 suspended (ropes, poles) - SUS
 IP rating : IP20, IP54
 Visual comfort : UGR <19

NARRA 900x80 LED



COLOR OPTIONS



TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CR900x80	75 W	> 90	3000 K	7930 lm
CR900x80	75 W	> 90	4000 K	8250 lm
CR900x80	75 W	> 90	2700 - 6500 K	7930 lm

Order example:

CR900x80	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Mounting
CR900x80	-	75	-	930	-	DIFF	-	9005	-	DALI	-	SM



AVENA 450x60
LED



AVENA 600x60
LED



AVENA 900x60
LED

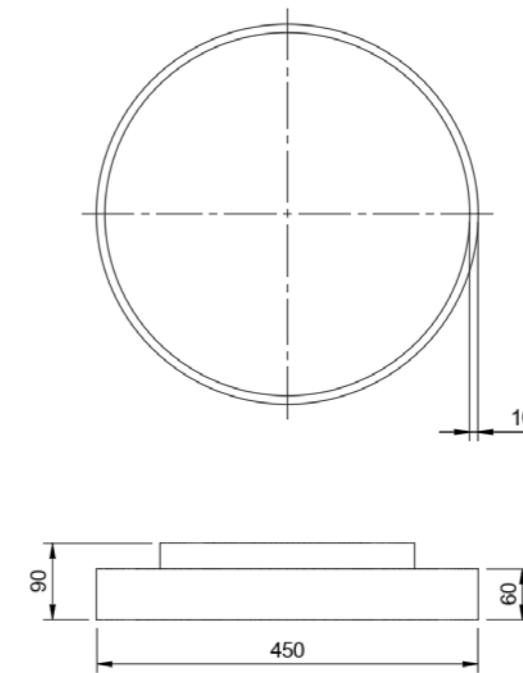


AVENA LED PORTFOLIO



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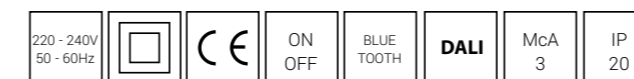
DATASHEET



PRODUCT DATA

Size : 450 x 60 mm
Weight : 2,9 kg
Materials : Housing : Aluminium
 Optic : PMMA
Optic : Satinated diffusor, microprisma
Light distribution : Direct / Indirect / Aura
Driver : FIX, DALI, Bluetooth
Ambient temperature : 0 / + 35 °C
Lifetime : L90B10 - 60 000 hours
IP Rating: IP 40
Installation : surface mounted, suspended
DALI addresses : 1
Visual comfort : UGR <19

AVENA 450x60 LED



COLOR OPTIONS



TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CIR450x60DIR/AURA	31W	> 90	3000 K	2840 lm
CIR450x60DIR/AURA	31W	> 90	4000 K	2976 lm
CIR450x60DIR/AURA	31W	> 90	2700 - 6500 K	2840 lm

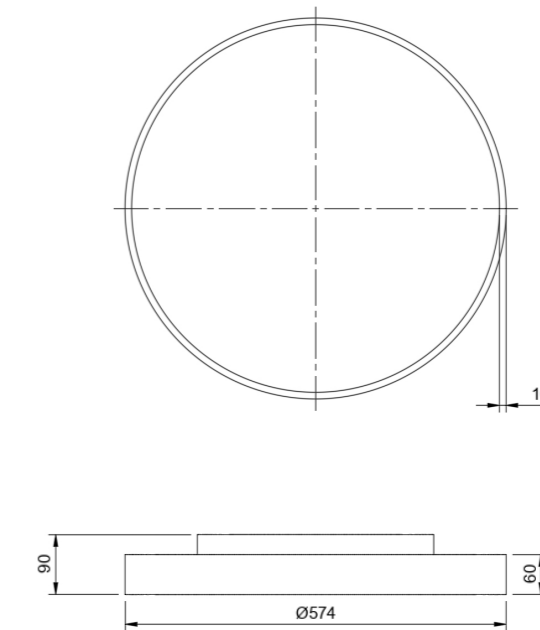
Order example

CIR450x60DIR/AURA	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
CIR450x60DIR/AURA	-	31	-	930	-	DIFF	-	9003	-	DALI	-	...



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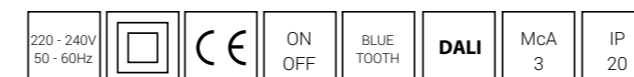
DATASHEET



PRODUCT DATA

Size : 574 x 60 mm
Weight : 3,8 kg
Materials : Housing : Aluminium
 Optic: PMMA
Optic : Satinated diffusor, microprisma
Light distribution : Direct / Indirect / Aura
Driver : FIX, DALI, Bluetooth
Ambient temperature : 0 / + 35 °C
Lifetime : L90B10 - 60 000 hours
IP Rating: IP 40
Installation : surface mounted, suspended
DALI addresses : 1
Visual comfort : UGR <19

AVENA 600x60 LED



COLOR OPTIONS



TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CIR600x60DIR/AURA	51W	> 90	3000 K	4970 lm
CIR600x60DIR/AURA	51W	> 90	4000 K	5208 lm
CIR600x60DIR/AURA	51W	> 90	2700 - 6500 K	4970 lm

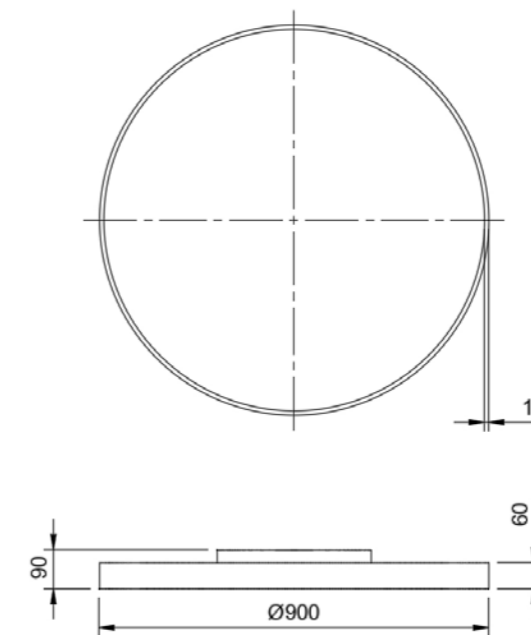
Order example

CIR600x60DIR/AURA	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
CIR600x60DIR/AURA	-	51	-	930	-	DIFF	-	9003	-	DALI	-	...



A V E N A 9 0 0

DATASHEET



PRODUCT DATA

Size : 900 x 60 mm
Weight : 4,8 kg
Materials : Housing : Aluminium
 Optic: PMMA
Optic : Satinated diffusor, microprisma
Light distribution : Direct / Indirect / Aura
Driver : FIX, DALI, Bluetooth
Ambient temperature : 0 / + 35 °C
Lifetime : L90B10 - 60 000 hours
IP Rating: IP 40
Installation : surface mounted, suspended
DALI addresses : 1
Visual comfort : UGR <19

AVENA 900x60 LED



COLOR OPTIONS



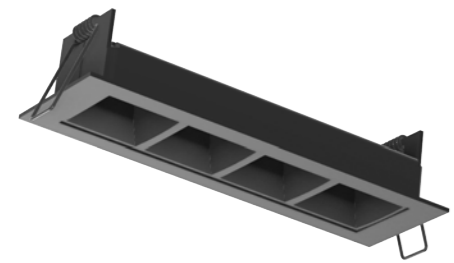
BLACK RAL 9003
 WHITE RAL 9005
 GREY RAL 9006
 VARIOUS COLORS

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CIR600x60DIR/AURA	75 W	> 90	3000 K	7100 lm
CIR600x60DIR/AURA	75 W	> 90	4000 K	7440 lm
CIR600x60DIR/AURA	75 W	> 90	2700 - 6500 K	7100 lm

Order example

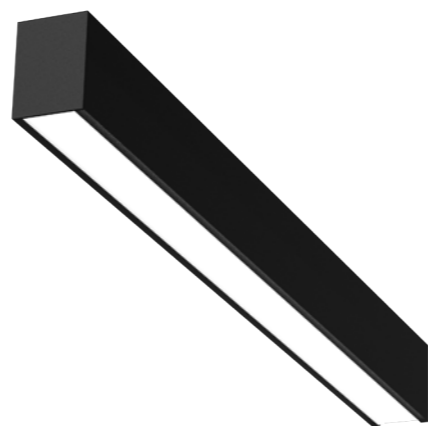
CIR600x60DIR/AURA	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
CIR600x60DIR/AURA	-	75	-	930	-	DIFF	-	9003	-	DALI	-	...



INEA DOWNLIGHT 190 LED



INEA DOWNLIGHT 310 LED



INEA 44x60 LED



DATASHEET



I N E A D O W N L I G H T 1 9 0

INEA DOWNLIGHT 190 LED



COLOR OPTIONS



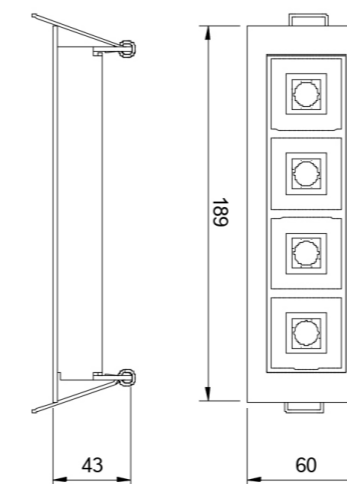
BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS

PRODUCT DATA

Size : 199 x 60 x 43 mm
 Weight : 0,4 kg
 Materials : Housing : Aluminium
 Reflector: Polycarbonate
 Optic : Lens 80 °
 Light distribution : Direct
 Driver : FIX, DALI, Bluetooth (inside ceiling)
 Ambient temperature : 0 / + 35 °C
 Lifetime : L90B10 - 60 000 hours
 Installation : ceiling recessed, surface mounted
 Ceiling cutout : 52 x 180 mm
 Visual comfort : UGR <19

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
LD190	6 W	> 90	3000 K	660 lm
LD190	6 W	> 90	4000 K	690 lm
LD190	6 W	> 90	2700 - 6500 K	630 lm
LD190	8 W	> 90	3000 K	980 lm
LD190	8 W	> 90	4000 K	1020 lm



Order example:

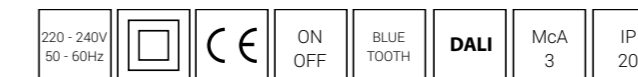
LD190	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
LD190	-	6	-	930	-	80	-	9003	-	FIX	-	XYZ

DATASHEET



I N E A D O W N L I G H T 3 1 0

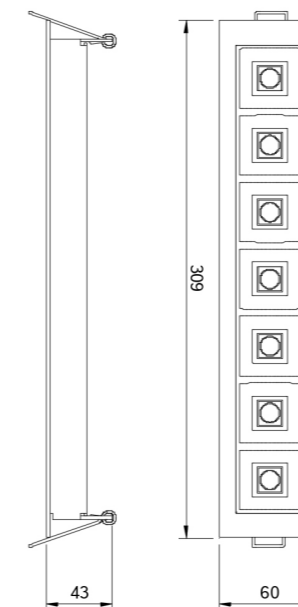
INEA DOWNLIGHT 310 LED



COLOR OPTIONS



BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS



PRODUCT DATA

Size : 309 x 60 x 43 mm
 Weight : 0,6 kg
 Materials : Housing : Aluminium
 Reflector: Polycarbonate
 Optic : Lens 80 °
 Light distribution : Direct
 Driver : FIX, DALI, Bluetooth (inside ceiling)
 Ambient temperature : 0 / + 35 °C
 Lifetime : L90B10 - 60 000 hours
 Installation : ceiling recessed, surface mounted
 Ceiling cutout : 52 x 300 mm
 Visual comfort : UGR <19

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
LD310	9 W	> 90	3000 K	1160 lm
LD310	9 W	> 90	4000 K	1210 lm
LD310	7 W	> 90	2700 - 6500 K	830 lm
LD310	14 W	> 90	3000 K	1720 lm
LD310	14 W	> 90	4000 K	1790 lm

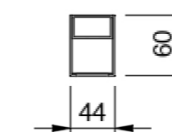
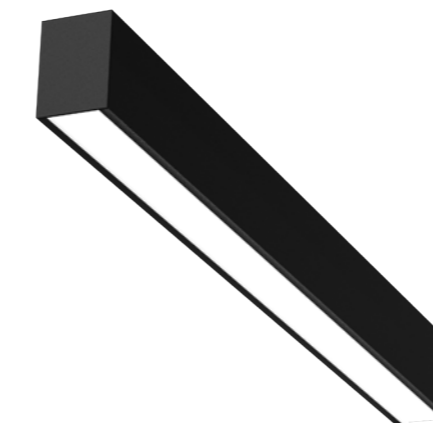
Order example:

LD310	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
LD310	-	9	-	930	-	80	-	9003	-	FIX	-	XYZ

DATASHEET



I N E A 4 4 X 6 0



INEA 44x60 LED



COLOR OPTIONS



BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
L44x60DIR	17 W	> 90	3000 K	1700 lm
L44x60DIR	17 W	> 90	4000 K	1770 lm
L44x60DIR	17 W	> 90	2700 - 6500 K	1700 lm
L44x60DIRINDIR	22 W	> 90	3000 K	2210 lm
L44x60DIRINDIR	22 W	> 90	4000 K	2236 lm
L44x60DIRINDIR	22 W	> 90	2700 - 6500 K	2210 lm

Order example:

L44x60DIR	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
L44x60DIR	-	17	-	930	-	DIFF	-	9005	-	FIX	-	XYZ

PRODUCT DATA

Size : 44 x 60 x 1000 mm
 Weight : 0,8 kg
 Materials : Housing: Aluminium
 Optic: Polycarbonate
 Luminaire head: Aluminium
 Optic : Diffuse (DIFF) or microprisma (MICRO)
 Light distribution : Direct or Direct/Indirect (30%)
 Driver : FIX, DALI, Bluetooth (inside ceiling)
 Ambient temperature : 0 / + 35 °C
 Lifetime : L80B10 - 60 000 hours
 Installation : Ceiling suspended, recessed, surface mounted
 Visual comfort : UGR <19 (DIRINDIR)



INSHINE LED



LONA LED

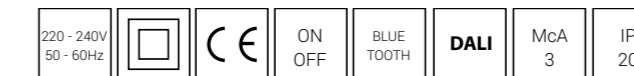


DATASHEET



I N S H I N E

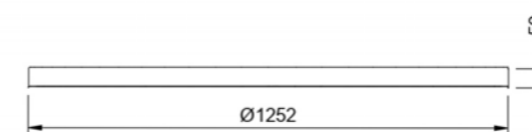
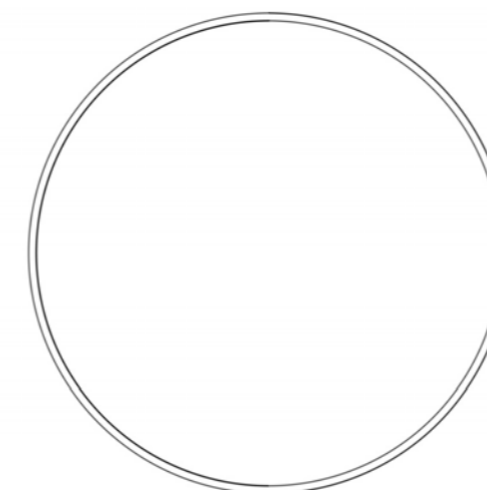
INSHINE LED



COLOR OPTIONS

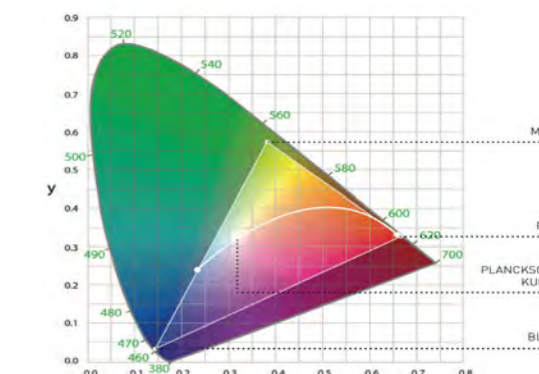


BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS



PRODUCT DATA

Size : D1252 x 50 x 20mm
 Weight : 5,6 kg
 Materials : Housing : Aluminium
 Optic: Polycarbonate
 Acoustic: White textile
 Optic : Diffuse (DIFF)
 Light distribution : Direct
 Driver : FIX, DALI, Bluetooth (inside or on the ceiling)
 Ambient temperature : 0 / + 35 °C
 Lifetime : L90B10 - 60 000 hours
 Installation : Suspended



TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CRIN	88 W	> 90	3000 K	6600 lm
CRIN	88 W	> 90	4000 K	6900 lm
CRIN	88 W	> 90	2700 - 6500 K	6300 lm
CRIN	6 W	> 90	2700 - 6500 K + RGB	6300 lm

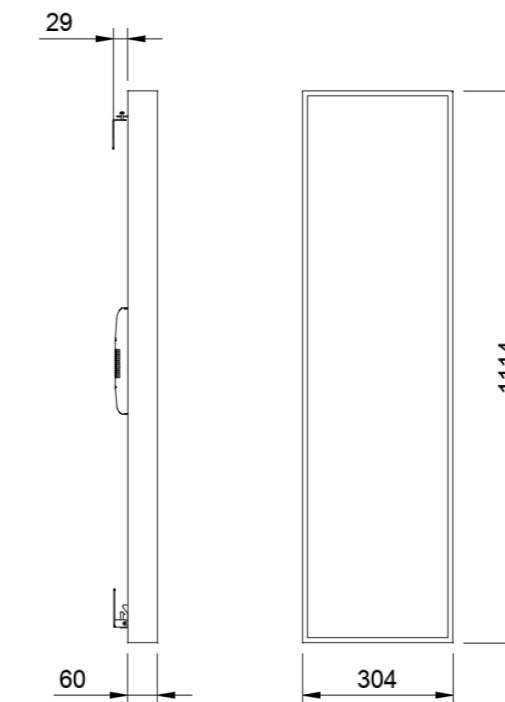
Order example:

CRIN	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
CRIN	-	88	-	TW+RGB	-	DIFF	-	9003	-	FIX	-	XYZ



L O N A

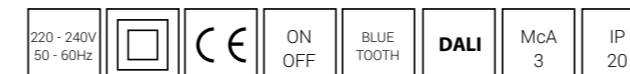
DATASHEET



PRODUCT DATA

Size : 304x1114x60mm
Weight : 4,8 kg
Materials : Housing : Aluminium
 Optic: PMMA
Optic : Satinated diffusor (DIFF), microprisma (MICRO)
Light distribution : Direct
Driver : FIX, DALI, Bluetooth
Ambient temperature : 0 / + 35 °C
Lifetime : 90B10 -70 000 hours
Installation : surface mounted (SM), suspended
IP rating : IP20
Visual comfort : UGR <19

LONA LED



COLOR OPTIONS



BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CREC300x1114x60	45W	> 90	3000 K	4540 lm
CREC300x1114x60	45W	> 90	4000 K	4732 lm
CREC300x1114x60	92W	> 90	3000 K	9060 lm
CREC300x1114x60	92W	> 90	4000 K	9460 lm

Order example

CIR600x60DIR/AURA	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
CIR600x60DIR/AURA	-	75	-	930	-	DIFF	-	9003	-	DALI	-	...



CARDANIC SPOT
LED



CARDANIC TWIN SPOT
LED



CARDANIC ROUND
LED



CARDANIC TRACK SPOT
LED



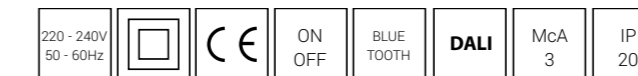
CARDANIC LED PORTFOLIO

DATASHEET



C A R D A N I C S P O T

CARDANIC SPOT LED



COLOR OPTIONS



BLACK RAL 9003
WHITE RAL 9005
GREY RAL 9006
VARIOUS COLORS

PRODUCT DATA

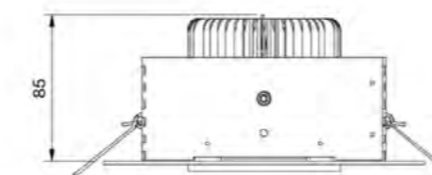
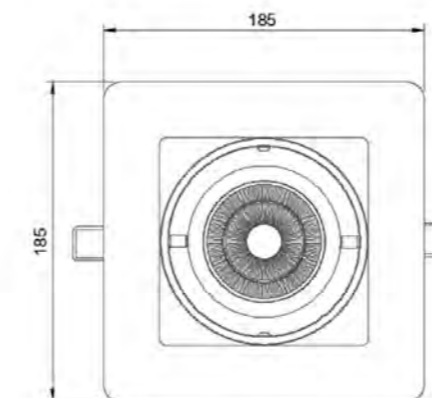
Size : 185 x 185 x 85 mm
Weight : 1,2 kg
Materials : Frame : Natural solid wood
Reflector: Polycarbonate
Luminaire head: Aluminium
Housing: Metal
Optic : Shielded lens 12°, 24°, 38°, 55°
Light distribution : Direct
Driver : FIX, DALI, Bluetooth (inside ceiling)
Ambient temperature : 0 / + 35 °C
Lifetime : L80B10 - 60 000 hours
Installation : ceiling recessed
Visual comfort : UGR <19
Ceiling cutout : 165 x 165 mm

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CS	16 W	> 90	2700 K	1300 lm
CS	16 W	> 90	3000 K	1400 lm
CS	16 W	> 95	3200 K	1300 lm
CS	16 W	> 90	4000 K	1600 lm
CS	28 W	> 95	2700 K	2200 lm
CS	28 W	> 90	3000 K	2400 lm
CS	28 W	> 95	3200 K	2200 lm
CS	28 W	> 90	4000 K	2700 lm

Order example:

CS	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
CS	-	16	-	930	-	55	-	9005	-	FIX	-	XYZ

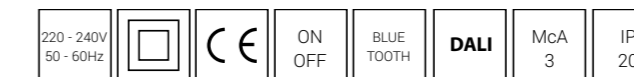


DATASHEET



C A R D A N I C T W I N

CARDANIC TWIN SPOT LED



COLOR OPTIONS

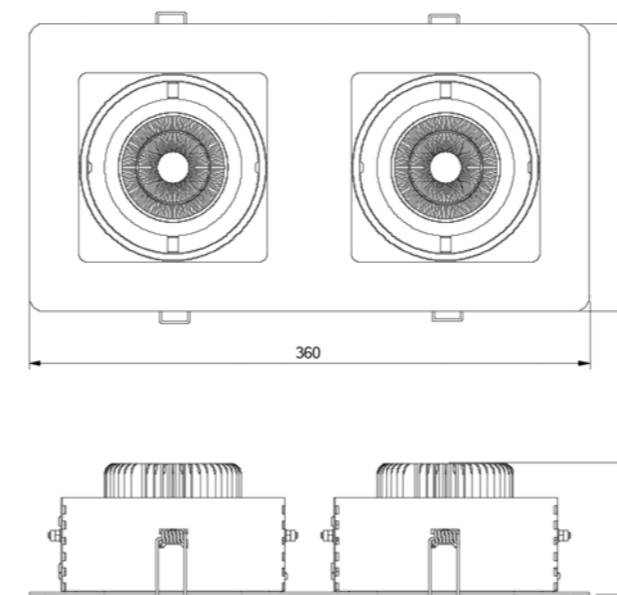


BLACK RAL 9003
WHITE RAL 9005
GREY RAL 9006
VARIOUS COLORS

PRODUCT DATA

Size : 360 x 185 x 65 mm
Weight : 2,4 kg
Materials : Frame : Natural solid wood
Optic: Polycarbonate
Luminaire head: Aluminium
Optic : Shielded lens 12°, 24°, 38°, 55°
Light distribution : Direct
Driver : FIX, DALI, Bluetooth (inside ceiling)
Ambient temperature : 0 / + 35 °C
Lifetime : L80B10 - 60 000 hours
Installation : ceiling recessed
Visual comfort : UGR <19
Ceiling cutout : 340 x 165 mm

TECHNICAL SPECIFICATION



CODE	POWER	CRI	CCT	LUMEN
CTS	2 x 16 W	> 90	2700 K	2 x 1300 lm
CTS	2 x 16 W	> 90	3000 K	2 x 1400 lm
CTS	2 x 16 W	> 95	3200 K	2 x 1300 lm
CTS	2 x 16 W	> 90	4000 K	2 x 1600 lm
CTS	2 x 25 W	> 95	2700 K	2 x 2200 lm
CTS	2 x 25 W	> 90	3000 K	2 x 2400 lm
CTS	2 x 25 W	> 95	3200 K	2 x 2200 lm
CTS	2 x 25 W	> 90	4000 K	2 x 2700 lm

Order example:

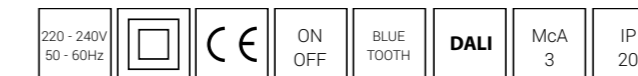
CTS	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
CTS	-	16	-	930	-	55	-	9005	-	FIX	-	XYZ

DATASHEET



C A R D A N I C R O U N D

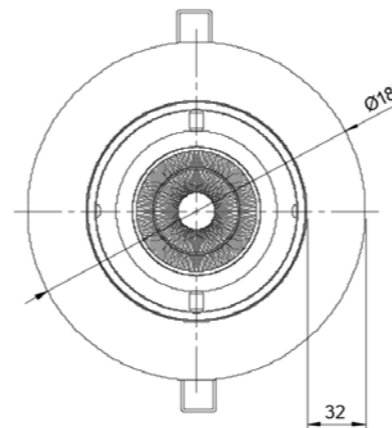
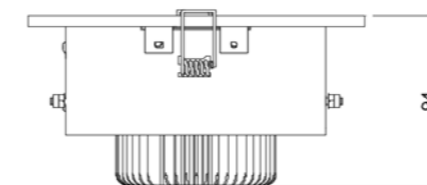
CARDANIC ROUND LED



COLOR OPTIONS



BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS



PRODUCT DATA

Size : D185 x 65 mm
 Weight : 1,2 kg
 Materials : Frame : Natural solid wood
 Optic: Polycarbonate
 Luminaire head: Aluminium
 Optic : Shielded lens 12°, 24°, 38°, 55°
 Light distribution : Direct
 Driver : FIX, DALI, Bluetooth (inside ceiling)
 Ambient temperature : 0 / + 35 °C
 Lifetime : L90B10 - 60 000 hours
 Installation : ceiling recessed
 Visual comfort : UGR <19
 Ceiling cutout : D 165 mm

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
CSR	16 W	> 90	2700 K	1300 lm
CSR	16 W	> 90	3000 K	1400 lm
CSR	16 W	> 95	3200 K	1300 lm
CSR	16 W	> 90	4000 K	1600 lm
CSR	25 W	> 95	2700 K	2200 lm
CSR	25 W	> 90	3000 K	2400 lm
CSR	25 W	> 95	3200 K	2200 lm
CSR	25 W	> 90	4000 K	2700 lm

Order example:

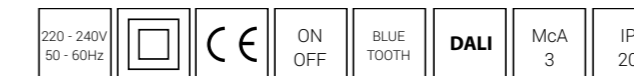
CSR	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
CSR	-	16	-	930	-	55	-	9005	-	FIX	-	XYZ

DATASHEET



C A R D A N I C T R A C K S P O T

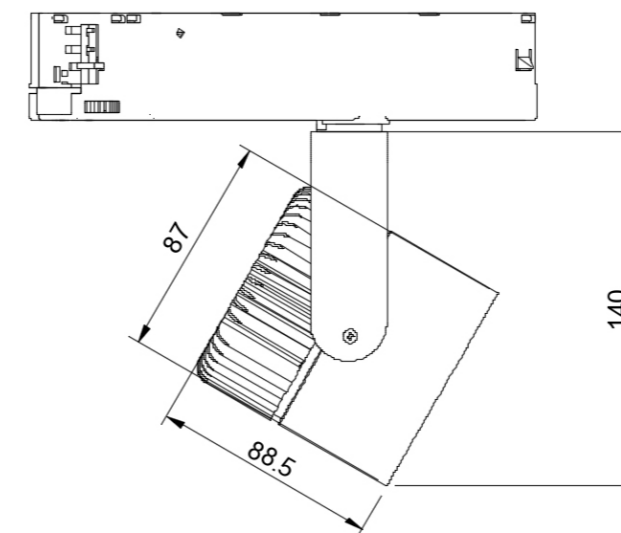
CARDANIC TRACK SPOT LED



COLOR OPTIONS



BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS



PRODUCT DATA

Size : D87 x 89 mm
 Weight : 0,8 kg
 Materials : Housing: Aluminium
 Optic: Polycarbonate
 Luminaire head: Aluminium
 Optic : Shielded lens 12°, 24°, 38°, 55°
 Light distribution : Direct
 Driver : FIX, DALI, Bluetooth (inside ceiling)
 Ambient temperature : 0 / + 35 °C
 Lifetime : L90B10 - 60 000 hours
 Installation : track mounted
 Visual comfort : UGR <19

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
TS	16 W	> 90	2700 K	1300 lm
TS	16 W	> 90	3000 K	1400 lm
TS	16 W	> 95	3200 K	1300 lm
TS	16 W	> 90	4000 K	1600 lm
TS	25 W	> 95	2700 K	2200 lm
TS	25 W	> 90	3000 K	2400 lm
TS	25 W	> 95	3200 K	2200 lm
TS	25 W	> 90	4000 K	2700 lm

Order example:

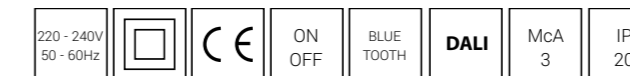
TS	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
TS	-	16	-	930	-	55	-	9005	-	FIX	-	XYZ

DATASHEET



OMEGA TS50

OMEGA TS50 LED



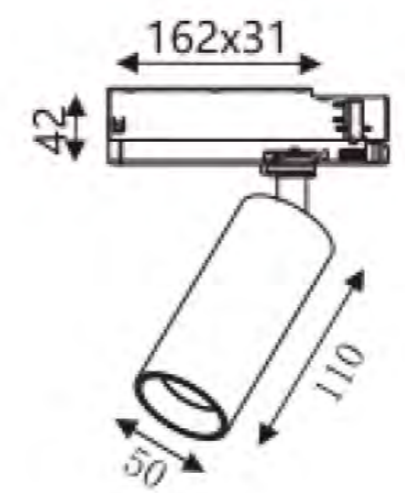
COLOR OPTIONS



BLACK RAL 9003
WHITE RAL 9005
GREY RAL 9006
VARIOUS COLORS

PRODUCT DATA

Size : D50 x 110mm
Weight : 0,4 kg
Materials : Housing : Aluminium
Optic: Polycarbonate
Optic : Lens, Reflector
Light distribution : 15°, 24°, 36°, 50°
Driver : FIX, DALI, Bluetooth (inside the luminaire)
Ambient temperature : 0 / + 35 °C
Lifetime : L80B10 - 60 000 hours
Installation : Track mounted, surface mounted
Visual comfort : UGR <19



TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
TS50x110	12 W	> 90	2700 K	920 lm
TS50X110	12 W	> 90	3000 K	980 lm
TS50x110	12 W	> 90	4000 K	1020 lm

Order example:

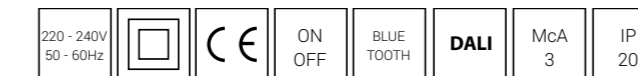
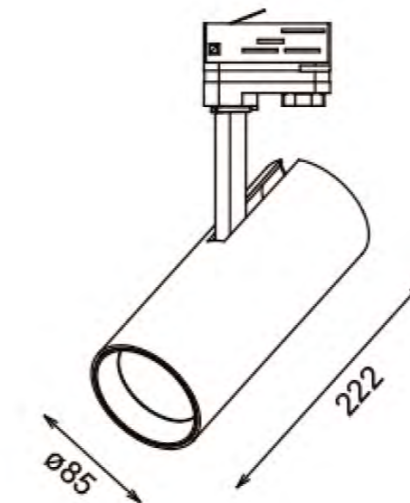
TS50x110	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
TS50x110	-	12	-	930	-	36	-	9003	-	FIX	-	XYZ

DATASHEET

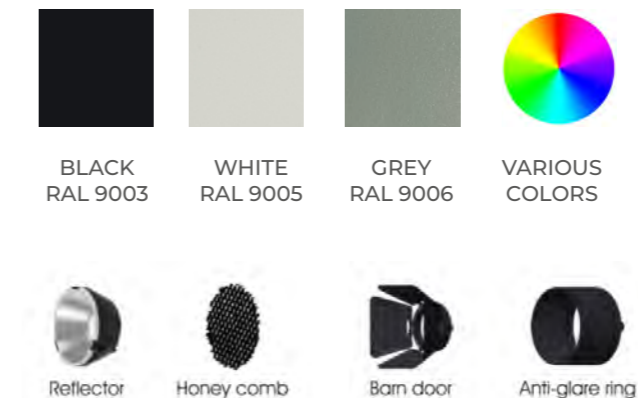


OMEGA TS85

OMEGA TS85 LED



COLOR OPTIONS



TECHNICAL SPECIFICATION

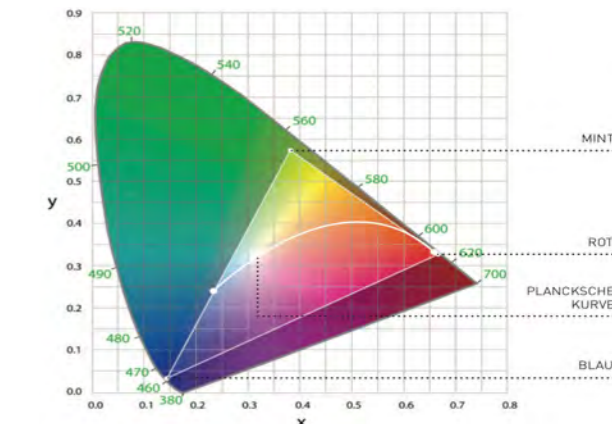
CODE	POWER	CRI	CCT	LUMEN
TS85x222	25 W	> 90	2700 K	2450 lm
TS85x222	25 W	> 90	3000 K	2600 lm
TS85x222	25 W	> 90	2700 - 6500K + RGB	2450 lm

Order example:

TS85x220	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
TS85x220	-	25	-	TWRGB	-	36	-	9003	-	FIX	-	XYZ

PRODUCT DATA

Size : D85 x 222mm
 Weight : 0,8 kg
 Materials : Housing : Aluminium
 Optic: Polycarbonate
 Optic : Lens
 Light distribution : 24°, 36°, 55°
 Driver : FIX, DALI, Bluetooth (inside the luminaire)
 Ambient temperature : 0 / + 35 °C
 Lifetime : L90B10 - 60 000 hours
 Installation : Track mounted, surface mounted
 Visual comfort : UGR <19

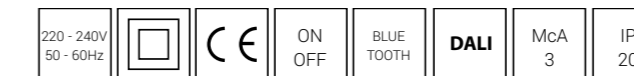


DATASHEET



OMEGA ADL

OMEGA ADL LED



COLOR OPTIONS



PRODUCT DATA

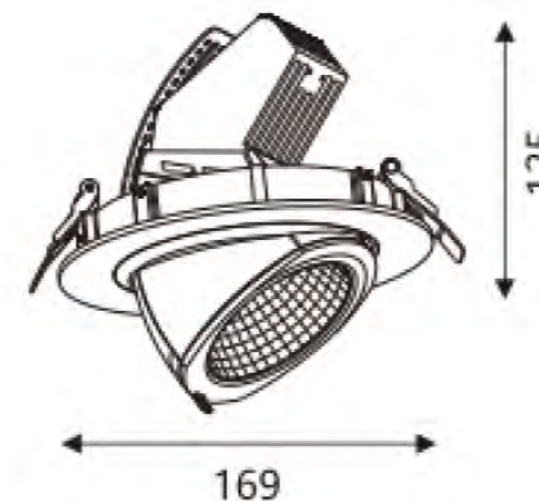
Size : D169 x 125mm
 Weight : 0,8 kg
 Materials : Housing : Aluminium
 Optic: Polycarbonate
 Optic : Reflector
 Light distribution : 15°, 24°, 35°
 Driver : FIX, DALI, Bluetooth (inside the luminaire)
 Ambient temperature : 0 / + 35 °C
 Lifetime : L90B10 - 60 000 hours
 Installation : Recessed
 Visual comfort : UGR <19

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
ADL169	25 W	> 90	2700 K	2450 lm
ADL169	25 W	> 90	3000 K	2600 lm
ADL169	25 W	> 90	2700 - 6500K + RGB	2450 lm

Order example:

ADL169	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
ADL169	-	25	-	930	-	36	-	9005	-	FIX	-	XYZ





OMEGA PENDANT 45
LED



OMEGA PENDANT 70
LED



OMEGA PENDANT LED PORTFOLIO

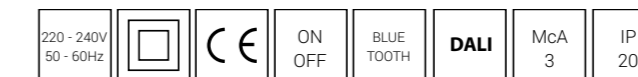
DATASHEET



OMEGA PENDANT 45



OMEGA PENDANT 45 LED



COLOR OPTIONS



BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS

PRODUCT DATA

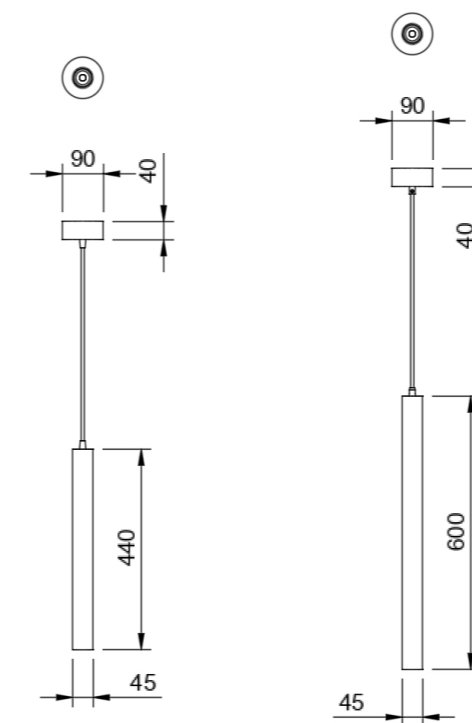
Size : D45 x 440 mm (600mm)
 Weight : 0,8 kg
 Materials : Housing :Aluminium
 Lens: Polycarbonate
 Reflector: PC or wood
 Optic : Lens 36 °, 55°
 Light distribution : Direct
 Driver : FIX, DALI, Bluetooth (inside ceiling)
 Ambient temperature : 0 / + 35 °C
 Lifetime : 980B10 - 60 000 hours
 Installation : ceiling suspended or surface mounted
 Option : dim 2 warm
 Visual comfort : UGR <19

TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
P45x440	12 W	> 90	2700 K	1320 lm
P45x440	12 W	> 90	3000 K	1380 lm
P45x440	12 W	> 90	4000 K	1440 lm
P45x600	12 W	> 90	2700 K	1320 lm
P45x600	12 W	> 90	3000 K	1380 lm
P45x600	12 W	> 90	4000 K	1440 lm

Order example:

P45x440	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
P45x440	-	12	-	930	-	36	-	9005	-	FIX	-	XYZ



DATASHEET



OMEGA PENDANT 70

OMEGA PENDANT 70 LED



COLOR OPTIONS



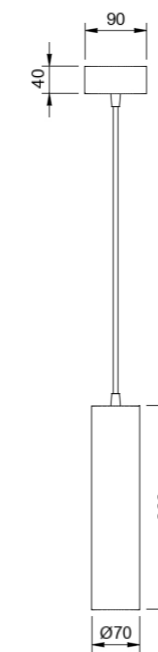
BLACK RAL 9003 WHITE RAL 9005 GREY RAL 9006 VARIOUS COLORS

PRODUCT DATA

Size : D70 x 300 mm
 Weight : 1,0 kg
 Materials : Housing: Aluminium
 Lens: Polycarbonate
 Reflector: PC or wood
 Optic : Lens 36 °, 55°
 Light distribution : Direct
 Driver : FIX, DALI, Bluetooth (inside ceiling)
 Ambient temperature : 0 / + 35 °C
 Lifetime : L90B10 - 60 000 hours
 Installation : ceiling suspended or surface mounted
 Option : dim 2 warm
 Visual comfort : UGR <19

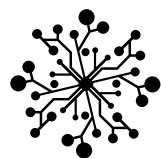
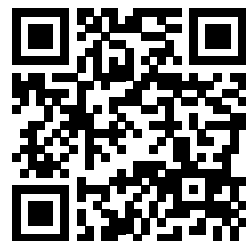
TECHNICAL SPECIFICATION

CODE	POWER	CRI	CCT	LUMEN
P70x300	12 W	> 90	2700 K	1320 lm
P70x300	12 W	> 90	3000 K	1380 lm
P70x300	12 W	> 90	4000 K	1440 lm



Order example:

P70x300	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	Option
P70x300	-	12	-	930	-	36	-	9005	-	FIX	-	XYZ



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