

PRODUCT DATASHEET

SF CIRCULAR 400 24 W 4000 K IP44 WT

SURFACE CIRCULAR 400 | Wall and ceiling luminaire with IP44



Areas of application

- Corridors
- Stairways
- Bathrooms
- Foyers

Product benefits

- Indoor luminaire with high luminous efficacy
- Energy savings of up to 55 % compared to luminaires that use CFL
- Easy and quick installation
- Very homogenous light
- 3 years guarantee

Product features

- Type of protection: IP44 (ceiling mounting), IP20 (wall mounting)
- Impact resistance: IK03
- Metal housing, PMMA cover
- Ambient temperature in operation: -20...+40 °C
- Indoor use only, not suitable for outdoor use

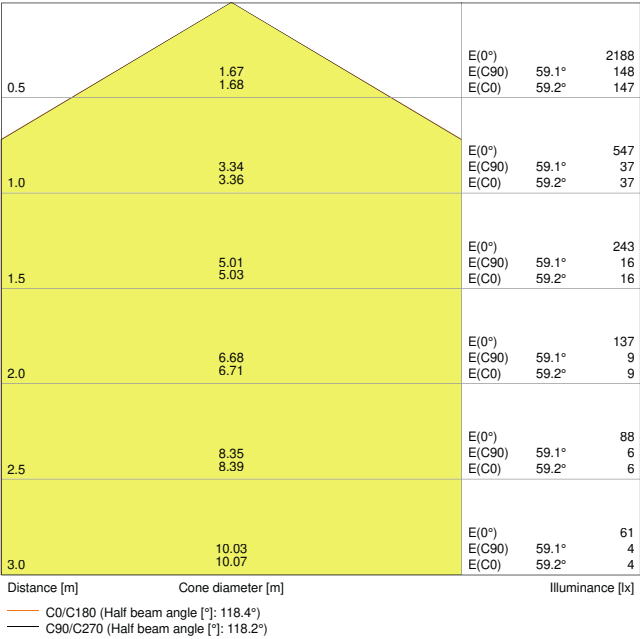


TECHNICAL DATA**Electrical data**

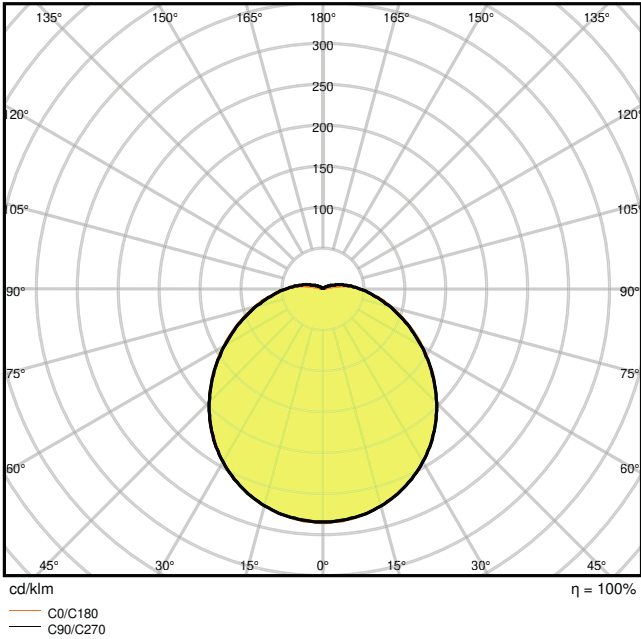
Nominal wattage	24.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	190 mA
Inrush current	15 A
Inrush current time T_{H50}	200 μ s
Max. no. of lum. on circuit break. B16 A	30
Max. no. of lum. on circuit break. C10 A	25
Max. no. of lum. on circuit break. C16 A	41
Power factor λ	> 0.5
Total harmonic distortion	< 120 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	1920 lm
Luminous efficacy	80 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 5 sdc _m
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



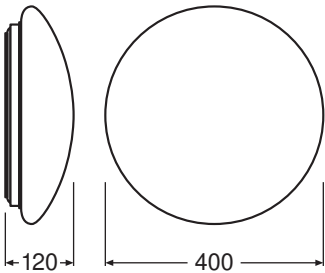
LDC typ cone



LDC typ polar

Dimensions & Weight

Diameter	400.00 mm
Height	120.00 mm
Product weight	708.00 g



Materials & Colors

Product color	White
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Housing color	White
Body material	Steel
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	PMMA
Glow Wire Test according to IEC 60695-2-12	650 °C

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-25...+70 °C
Type of connection	Screw terminal, 3-Pole
Type of protection	IP44
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
LED module replaceable	Not replaceable

Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Lifespan L80/B10 at 25 °C	22000 h
Lifespan L90/B10 at 25 °C	15000 h
Number of switching cycles	100000

Control gear

Output current	172 mA
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Certificates & Standards

Standards	CE / CB / TÜV SÜD / EAC
Ball shot safe	No

EQUIPMENT / ACCESSORIES

- Replacement cover optional available

DOWNLOAD DATA

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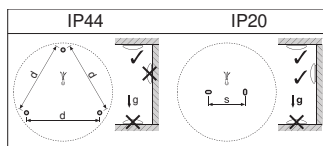
	User instruction
	PRODUCT DATASHEET
	Tender documents
	Declarations Of Conformity CE
	Declarations Of Conformity CE
	On-Pack-Info
	IES file (IES)
	LDT file (Eulumdat)
	R3D file (Relux 3D Model)
	M3D file (3D Model)
	ULD file (DIALux)
	UGR file (UGR table)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075080072	Folding box 1	130 mm x 440 mm x 440 mm	1090.00 g	25.17 dm ³
4058075080089	Shipping box 5	665 mm x 455 mm x 460 mm	6756.00 g	139.18 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION



References / Links

- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.