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

- High luminous efficacy
- Energy savings of up to 55 % compared to luminaires that use CFL
- Easy and quick installation
- Very homogenous light
- Clear cover protects the reflector against dust and contact
- 3 years guarantee

PRODUCT FEATURES

- Beam angle: 120°
- Type of protection: IP44
- Impact resistance: IK03
- Metal housing, PMMA cover
- Ambient temperature in operation: -20...+40 °C

TECHNICAL DATA

Electrical data

Nominal wattage	24.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor λ	>0.5
Mains frequency	50/60 Hz
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
Inrush current	15.0 A
Total harmonic distortion	< 120 %
Inrush current time T_{h50}	200 µs

Luminaire control gear data

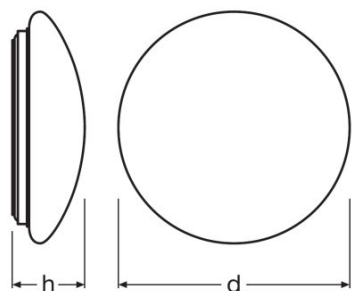|	
Low flicker	Yes
Ouput current	172 mA

Photometrical data

Color temperature	4000 K
Luminous flux	1920 lm
Luminous efficacy	80 lm/W
Standard deviation of color matching	≤5 sdcm
Light color (designation)	Cool White
Color rendering index Ra	>80

Light technical data

Beam angle	120 °

Dimensions & weight

Diameter	400.0 mm
Height	120.0 mm
Product weight	708.00 g

Colors & materials

Body material	Steel
Product color	White
Housing color	White
Cover material	Polymethylmethacrylate (PMMA)

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C

Lifespan

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

Additional product data

Mounting type	Surface
Mounting location	Ceiling / Wall
Low flicker	Yes

Capabilities

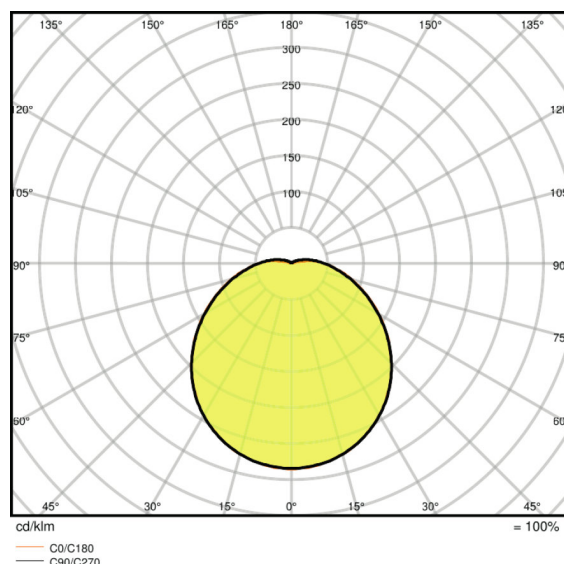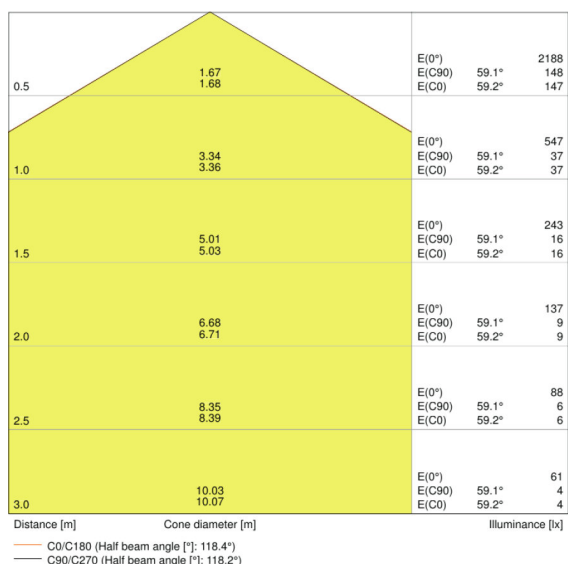|	
Dimmable	No
Type of connection	Screw terminal, 3-Pole
LED module replaceable	Not replaceable

Certificates & standards

Protection class IK (shock resistance)	IK03
Glow Wire Test according to IEC 695-2-1	650 °C
Photobiological safety group EN62778	RG 0
Protection class	I
Type of protection	IP44
Standards	CE/CB/TÜV SÜD/EAC/RoHS

Logistical data

Temperature range at storage	-25...+70 °C

Light Distribution

LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

– Replacement cover optional available

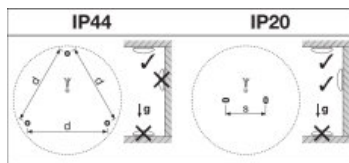## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075080072	Folding carton box 1	440 mm x 440 mm x 135 mm	1090.00 g	26.14 dm³

4058075080089	Shipping carton box 5	660 mm x 460 mm x 460 mm	6160.00 g	139.66 dm³

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.