PRODUCT DATASHEET
SF CIRCULAR 350 18 W 3000 K IP44 WT

SURFACE CIRCULAR 350 | 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	18.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	153 mA
Inrush current	15 A
Inrush current time T_{h50}	200 µs
Max. no. of lum. on circuit break. B16 A	31
Max. no. of lum. on circuit break. C10 A	26
Max. no. of lum. on circuit break. C16 A	42
Power factor λ	> 0.5
Total harmonic distortion	< 120 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	1440 lm
Luminous efficacy	80 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 5 sdcm
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

LDC typ cone

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	1.70 1.69	E(0°) E(C90) 59.5° E(C0) 59.4°	1626 106 107
1.0	3.40 3.38	E(0°) E(C90) 59.5° E(C0) 59.4°	407 27 27
1.5	5.09 5.07	E(0°) E(C90) 59.5° E(C0) 59.4°	181 12 12
2.0	6.79 6.76	E(0°) E(C90) 59.5° E(C0) 59.4°	102 7 7
2.5	8.49 8.45	E(0°) E(C90) 59.5° E(C0) 59.4°	65 4 4
3.0	10.19 10.15	E(0°) E(C90) 59.5° E(C0) 59.4°	45 3 3

— C0/C180 (Half beam angle [°]: 118.8°)
— C90/C270 (Half beam angle [°]: 119.0°)

LDC typ polar

cd/klm   η = 100%

— C0/C180
— C90/C270
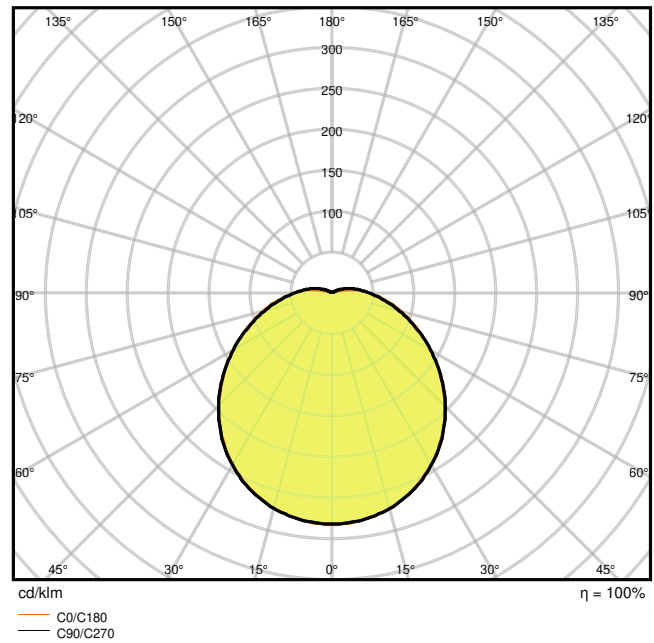
Dimensions & Weight

Diameter	350.00 mm
Height	115.00 mm
Product weight	600.00 g

← 115 →   ← 350 →
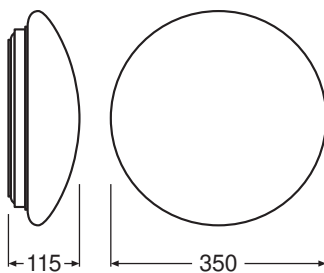
Materials & Colors

Product color	White

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	117 mA

Certificates & Standards

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

EQUIPMENT / ACCESSORIES

– Replacement cover optional available

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction
PDF	PRODUCT DATASHEET
	Tender documents
PDF	Declarations of conformity
PDF	Declarations of conformity
PDF	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
4058075080027	Shipping box 5	625 mm x 410 mm x 410 mm	5862.00 g	105.06 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
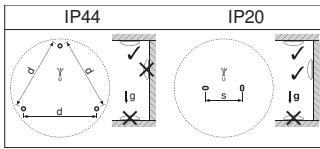
References / Links

– 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.