PRODUCT DATASHEET
SF CIRC 350 SEN V 18W 840 IP44

SURFACE CIRCULAR 350 SENSOR | Wall and ceiling luminaire with IP44 and high frequency sensor

Areas of application

- Corridors
- Stairways
- Bathrooms
- Foyers

Product benefits

- Easy adjustment of sensor range, daylight detection and hold time
- 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

- High frequency sensor for daylight and motion detection
- 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

© 2022, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

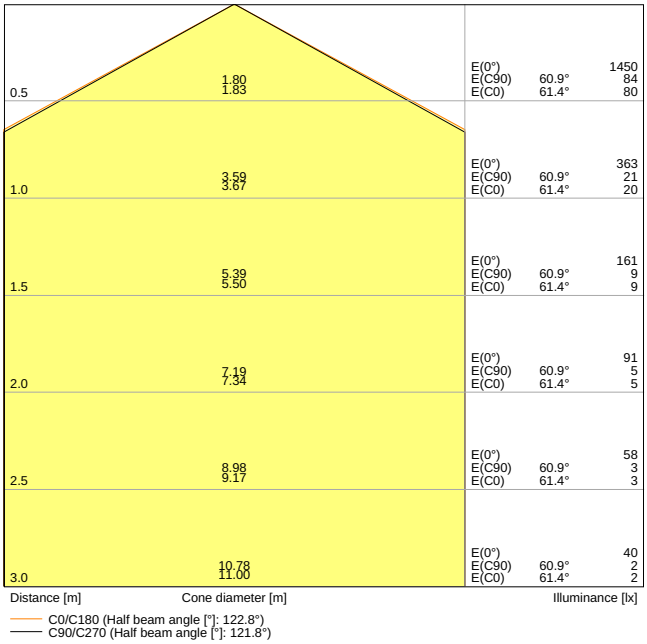
Electrical data

Nominal wattage	18.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	140 mA
Inrush current	7 A
Inrush current time T_{h50}	212 µs
Max. no. of lum. on circuit break. B16 A	78
Max. no. of lum. on circuit break. C10 A	49
Max. no. of lum. on circuit break. C16 A	94
Power factor λ	> 0.55
Total harmonic distortion	< 120 %
Protection class	I
Operating mode	Integrated LED driver

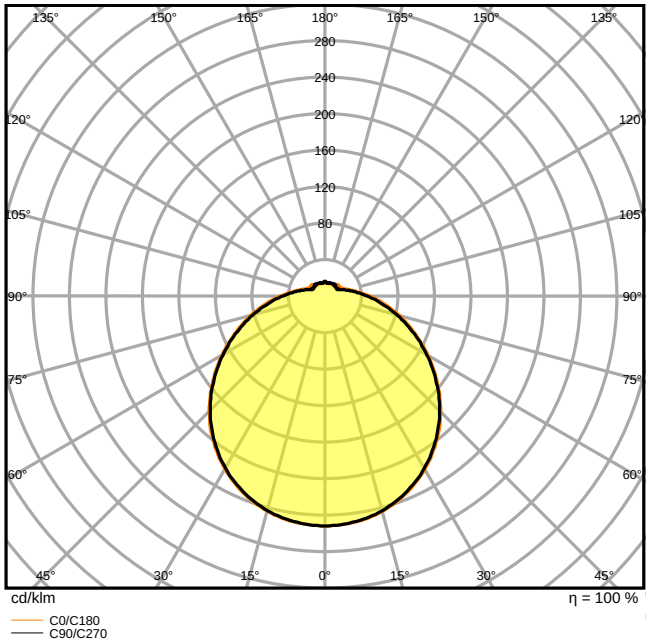
Photometrical data

Luminous flux	1440 lm
Luminous efficacy	80 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

© 2022, LEDVANCE GmbH. All rights reserved.



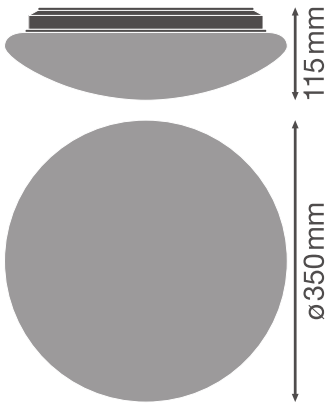
LDC typ cone



LDC typ polar

Dimensions & Weight

Diameter	350.00 mm
Height	115.00 mm
Product weight	600.00 g



Materials & Colors

Product color	White
Housing color	White

© 2022, LEDVANCE GmbH. All rights reserved.

Body material	Steel
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	PMMA
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+40 °C
Temperature range at storage	-20…+80 °C
Type of connection	Terminal, 3-pin
Type of protection	IP44 [1)]
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

1) Type of protection: IP44 (ceiling mounting), IP20 (wall mounting)

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	50000

Control gear

Output current	280 mA

Sensor

Type of sensor	Motion / Light
Sensor technology	Microwave
Sensor detection angle	120 °
Sensor controlled switching time	5 s…30 min
Detection range of motion sensor	4…7 m
Detection threshold of daylight sensor	2…50 lx
Sensor IP rating	IP44

Certificates & Standards

Standards	CE / CB / TÜV SÜD / EAC

© 2022, LEDVANCE GmbH. All rights reserved.

Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

Additional product data

Product remark	Available from September 2021

EQUIPMENT / ACCESSORIES

- Replacement cover optional available

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction SURFACE CIRCULAR SENSOR
PDF	Addon Technical Information LS Insert SF Circular
PDF	Addon Technical Information LS Insert SF Circular
	Tender documents Tender Text 4058075314955
	Tender documents SURFACE CIRCULAR 350 SENSOR 18W 840 IP44-EN
	Tender documents SURFACE CIRCULAR 350 SENSOR 18W 840 IP44-EN
PDF	Declarations of conformity
PDF	Declarations of conformity SF CIRC SEN
	IES file (IES) SF CIRC 350 SEN V 18W 840 IP44
	LDT file (Eulumdat) SF CIRC 350 SEN V 18W 840 IP44
	R3D file (Relux 3D Model) Surface circular 350
	M3D file (3D Model) Surface_Circular_350
	UGR file (UGR table) SF CIRC 350 SEN V 18W 840 IP44

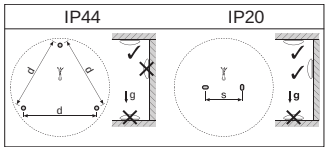
LOGISTICAL DATA

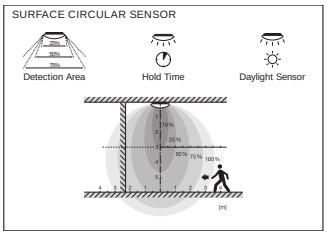
© 2022, LEDVANCE GmbH. All rights reserved.

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075618008	Folding box 1	386 mm x 386 mm x 120 mm	779.00 g	17.88 dm^3
4058075618015	Shipping box 5	625 mm x 410 mm x 410 mm	4912.00 g	105.06 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.

© 2022, LEDVANCE GmbH. All rights reserved.