



# product\_datasheet\_title

## SF CIRC 350 V 18W 830 IP44

SURFACE CIRCULAR 350 | Wall and ceiling luminaire with IP44



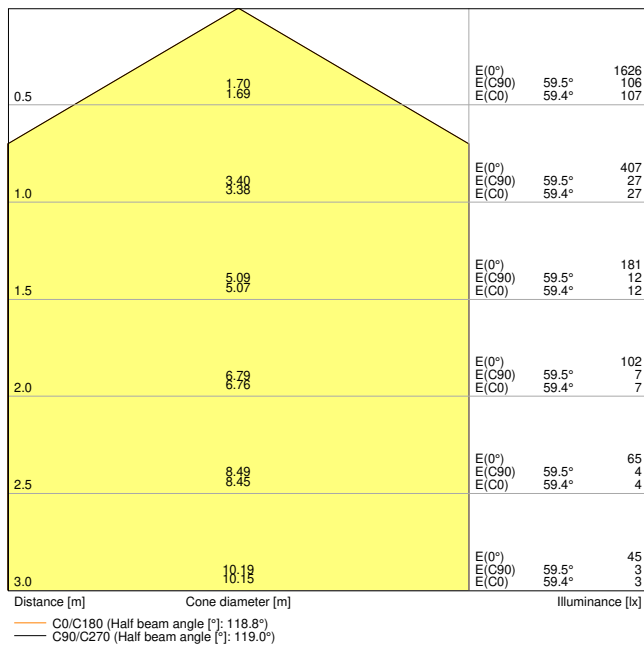
## technical\_data

## ELECTRICAL DATA

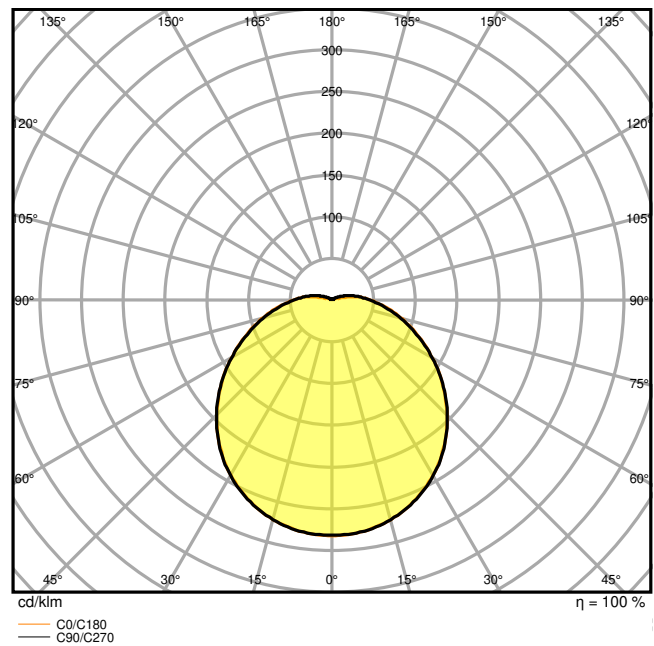
Nominal wattage	18.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	140 mA
Inrush current	7 A
Inrush current time $T_{h50}$	212 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	35
Max. number of luminaires per miniature circuit breaker C10	35
Max. number of luminaires per miniature circuit breaker C16	56
Power factor $\lambda$	> 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	3000 K
Light color (designation)	Warm white
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdc <sub>m</sub>
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 °



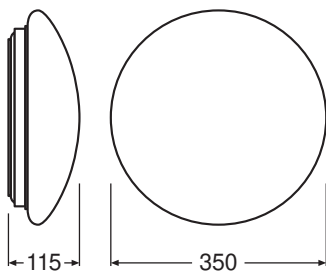
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**DIMENSIONS & WEIGHT**

Diameter	350.00 mm
Height	115.00 mm
Product weight	410.00 g



707543\_LEDVANCE Surface  
Circular LED 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
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 <sup>1)</sup>
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

<sup>1)</sup> Type of protection: IP44 (ceiling mounting), IP20 (wall mounting)

## LIFESPAN

Lifespan L70/B50 at 25 °C	30000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	22000 h <sup>1)</sup>
Lifespan L90/B10 at 25 °C	15000 h
Number of switching cycles	50000

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)


## CONTROL GEAR







Output current	280 mA
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## CERTIFICATES & STANDARDS



Standards	CE / CB / TÜV SÜD / EAC / EPD
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
EPD	LEDV-00010-V01.01-EN

## download\_data

Documents and certificates	document_name
 User instruction	SURFACE CIRCULAR SENSOR

Documents and certificates		document_name
	Addon Technical Information	LS Insert SF Circular
	Addon Technical Information	LS Insert SF Circular
	Packaging insert	Legal insert
	Declarations Of Conformity CE	CE Declaration SF CIRC
	Declarations Of Conformity UKCA	SF CIRC IP44
	Declarations Of Conformity UKCA	SF CIRC

Photometric and lighting design files		document_name
	IES file (IES)	SF CIRC 350 V 18W 830 IP44
	LDT file (Eulumdat)	SF CIRC 350 V 18W 830 IP44
	ULD file (DIALux)	SF CIRC 350 V 18W 830 IP44
	ROLF file (RELUX)	SF CIRC 350 V 18W 830
	UGR file (UGR table)	SF CIRC 350 V 18W 830 IP44
	LDC typ cone	SF CIRC 350 V 18W 830 IP44
	LDC typ polar	SF CIRC 350 V 18W 830 IP44

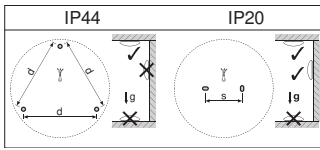
CAD/BIM files		document_name
	BIM_Revit_3D	SURFACE CIRCULAR
	CAD_STEP_3D	SF CIRC 350

### logistical\_data

product_code	packaging_unit	dimensions	weight	volume
4058075617940	Folding box 1	386 mm x 386 mm x 120 mm	779.00 g	17.88 dm <sup>3</sup>
4058075617957	Shipping box 5	625 mm x 410 mm x 410 mm	4912.00 g	105.06 dm <sup>3</sup>

logistical\_data\_text

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**additional\_catalog\_information**

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**disclaimer\_title**

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