

PRODUCT DATASHEET

SF SQUARE 330 SEN V 24W 3CCT IP44

SURFACE SQUARE 330 3CCT SENSOR | Wall and ceiling luminaire with IP44, high frequency sensor and selectable CCT



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
- Highly versatile due to selectable CCT in 3000K, 4000K and 5000K
- Energy savings of up to 55 % compared to luminaires that use CFL
- Easy and quick installation
- Very homogenous light
- 5 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



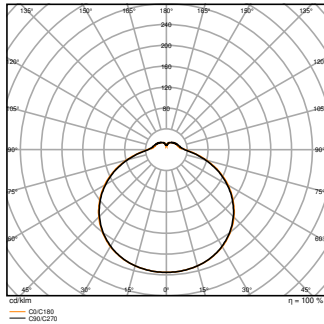
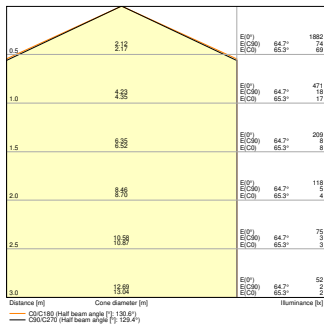
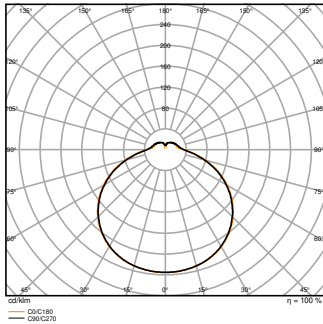
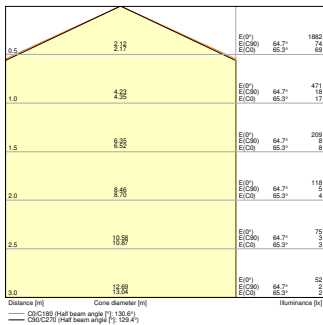
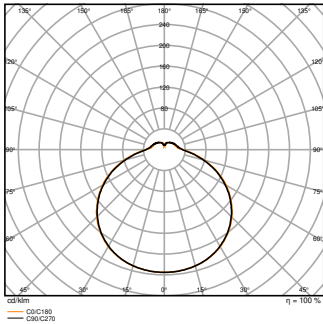
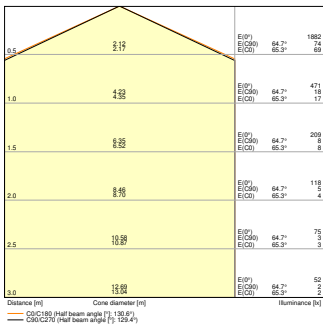
– Indoor use only, not suitable for outdoor use

TECHNICAL DATA**Electrical data**

Nominal wattage	24.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	115.000 mA
Inrush current	7.2 A
Inrush current time T_{h50}	5.9 μ s
Max. number of luminaires per miniature circuit breaker B16	104
Max. number of luminaires per miniature circuit breaker C10	66
Max. number of luminaires per miniature circuit breaker C16	106
Power factor λ	> 0.70
Total harmonic distortion	< 60 %
Protection class	I
Operating mode	Integrated LED driver

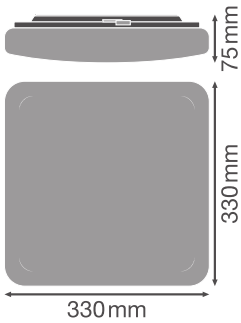
Photometrical data

Luminous flux	2000 lm
Luminous efficacy	83 lm/W
Color temperature	3000 K/4000 K/5000 K
Reference control setting of contained light source (Kelvin)	4000 K
Light color (designation)	Warm White / Cool White / Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcn
Low flicker	Yes
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



Dimensions & Weight

Length	330.00 mm
Width	330.00 mm
Height	75.00 mm
Product weight	755.00 g



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
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

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Lifespan L80/B10 at 25 °C	33000 h ¹⁾
Lifespan L90/B10 at 25 °C	15000 h
Number of switching cycles	100000

¹⁾ 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	300 mA
ECG - Output ripple current	< 5 %

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 IK rating	IK03

Certificates & Standards

Standards	CE / CB / TÜV / UKCA / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

EQUIPMENT / ACCESSORIES

– Replacement cover optionally available

DOWNLOAD DATA

Documents and certificates	
	User instruction
	Addon Technical Information
	Packaging insert
	Declarations Of Conformity CE
	Declarations Of Conformity UKCA
Photometric and lighting design files	
	IES file (IES)
	LDT file (Eulumdat)
	ULD file (DIALux)
	ROLF file (RELUX)
	UGR file (UGR table)
	LDC typ cone

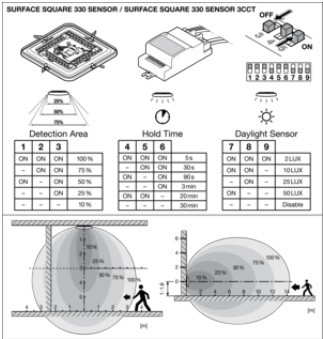
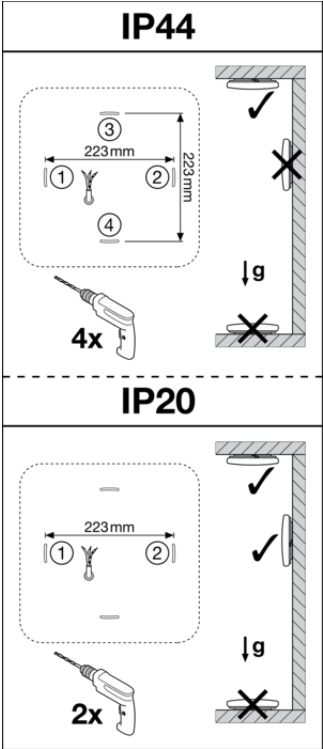
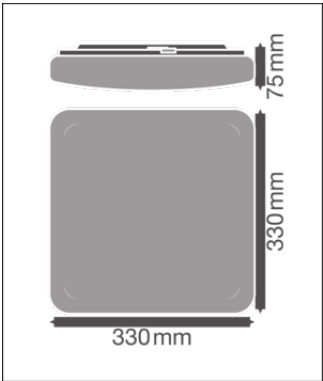
Photometric and lighting design files	
	LDC typ polar
CAD/BIM files	
	BIM_Revit_3D
	CAD_STEP_3D

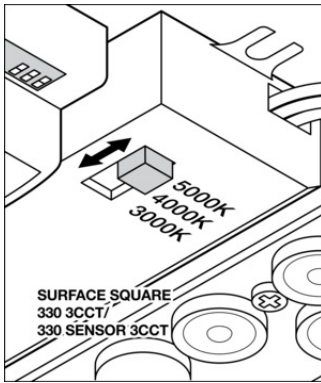
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854042058	Folding box 1	87 mm x 367 mm x 369 mm	1016.00 g	11.78 dm³
4099854042065	Shipping box 5	457 mm x 387 mm x 404 mm	6271.00 g	71.45 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.