

PRODUCT DATASHEET

SF SLIM SQ 200 P 19W 840 WT IP65

SURFACE SLIM IK10 SQ 200 | Wall and ceiling luminaire with high impact resistance



Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Corridors, stairways, entrance areas
- Passages, underpasses
- Public areas

Product benefits

- Suitable for use in dusty and damp locations thanks to high IP rating
- Suitable for use in public areas thanks to high IK rating
- 5 years guarantee
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)

Product features

- High frequency sensor for daylight and motion detection
- UV-stabilized polycarbonate (PC) housing, PC-diffuser
- Impact resistance: IK10
- Push wire terminal for tool-free connection
- Type of protection: IP65
- Luminous flux: up to 3,680 lm
- High luminous efficacy: up to 105 lm/W
- Lifetime (L70/B50): up to 50,000 h (at 25 °C)
- Ambient temperature in operation: -30...+50 °C

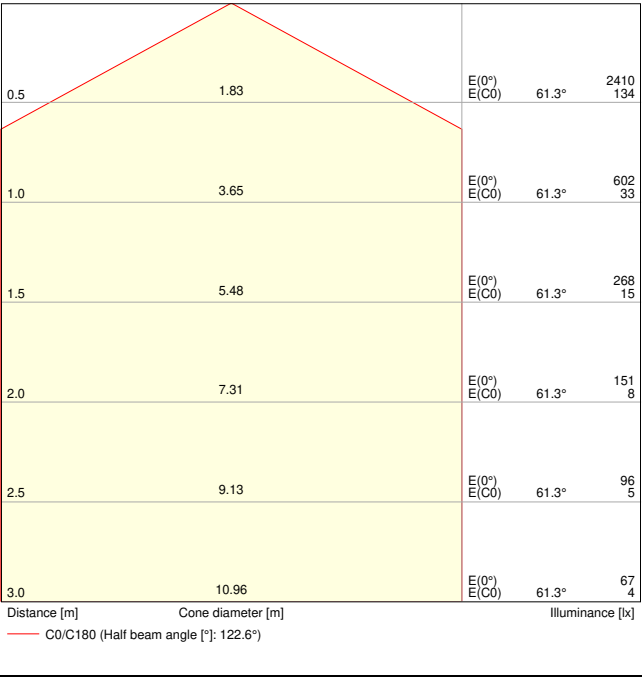
TECHNICAL DATA

Electrical data

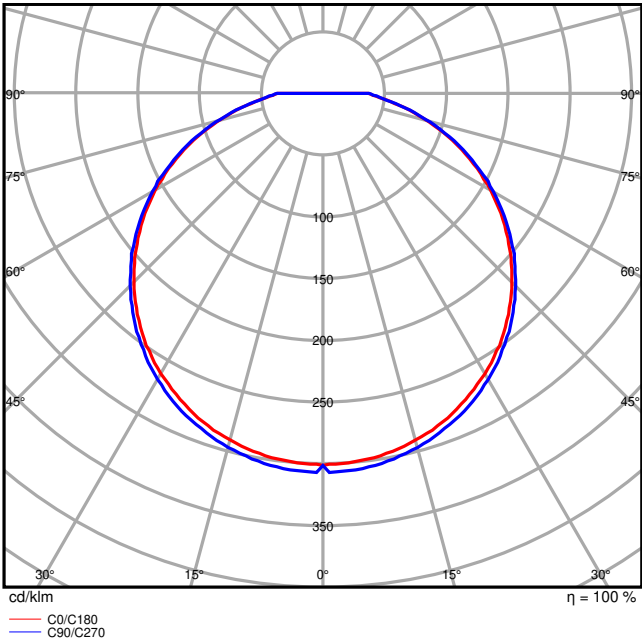
Nominal wattage	19,00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	90,000 mA
Inrush current	9,08 A
Inrush current time T _{h50} [PIM]	352 µs
Max. no. of lum. on circuit break. B16 A	22
Max. no. of lum. on circuit break. C10 A [PIM]	22
Max. no. of lum. on circuit break. C16 A	78
Power factor λ	> 0,90
Total harmonic distortion	< 15 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	2000 lm
Luminous efficacy	105 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	-
Valoare pălpăire Pst LM	-
Valoare efect stroboscopic SVM	-
Photobio. safety group a EN62778	RG0
Beam angle	120 °



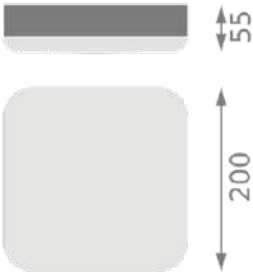
LDC typ cone



LDC typ polar

Dimensions & Weight

Length	200,00 mm
Width	200,00 mm
Height	55,00 mm
Product weight	505,00 g



Materials & Colors

Product color	White
Housing color	White

Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 69 [PIM]	650 °C
Lamp mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30...+50 °C
Type of connection	Screwless terminal
Type of protection	IP65
Protection class IK (shock resista [PIM])	IK10
Dimmable	No
Type of mounting [calc.]	Surface
Mounting location	Ceiling / Wall
ErP LEDmod replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Lifespan L80/B10 at 25 °C	40000 h ¹⁾
Lifespan L90/B10 at 25 °C	30000 h
Number of switching cycles	50000

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

Control gear

ECG - Nominal output current [PIM]	145 mA
------------------------------------	--------

Certificates & Standards

Standards	CE / ENEC / UKCA
ETIM -Limited surface temperat(EF006420)	Yes
Ball shot safe	No

Additional product data

Number of illuminants	-
-----------------------	---

EQUIPMENT / ACCESSORIES

– Mounting screws and dowels included

DOWNLOAD DATA

Documents and certificates	
	User instruction
	Addon Technical Information
Photometric and lighting design files	
	IES file (IES)
	LDT file (Eulumdat)
	UGR file (UGR table)
	LDC typ cone
	LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854102899	Folding box 1	60 mm x 207 mm x 210 mm	635.00 g	2.61 dm ³
4099854102905	Shipping box 5	320 mm x 222 mm x 230 mm	3457.00 g	16.34 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.