

PRODUCT DATASHEET

LN SF IP44 1200 36 W 4000 K WT

LINEAR SURFACE IP44 | Robust IP44 luminaires with direct light emission and integrated driver for surface or suspended applications



AREAS OF APPLICATION

- Efficient replacement for traditional T8 and T5 luminaires
- Public buildings
- General illumination
- Libraries, schools

PRODUCT BENEFITS

- Low maintenance and low operational costs
- Cable entry on the back of the luminaire and on each end-caps for easy electrical connection
- Easy and quick installation
- Low flicker light thanks to special electronic control gear
- 5 years guarantee

PRODUCT FEATURES

- Surface mounted luminaires with direct light emission
- Type of protection: IP44
- Impact resistance: IK08
- Available in 2 different lengths: 1200 mm and 1500 mm
- High luminous efficacy: up to 115 lm/W
- Through-wiring possible
- Suspended installation possible



- Lifetime (L70/B50): 50,000 h (at 25 °C)
- White painted steel housing (like RAL: 9010)
- Diffusor material: UV-stable polycarbonate
- End caps (made of polycarbonate) screwed to the housing

TECHNICAL DATA

Electrical data

Nominal wattage	36.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor λ	≥ 0.90
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	18
Max. no. of lum. on circuit break. C10 A	18
Max. no. of lum. on circuit break. C16 A	25
Inrush current	15.6 A
Total harmonic distortion	$\leq 20 \%$
Inrush current time T_{h50}	265 μ s

Luminaire control gear data

Low flicker	Yes
Output current	1050 mA

Photometrical data

Color temperature	4000 K
Luminous flux	4000 lm
Luminous efficacy	110 lm/W
Standard deviation of color matching	≤ 4 sdc _m
Light color (designation)	Cool White
Color rendering index Ra	≥ 80

Light technical data

Beam angle	120 °
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Dimensions & weight



Length	1199 mm
Width	145.0 mm
Height	64.5 mm
Product weight	2300.00 g

Colors & materials

Body material	Stainless steel
Product color	White
Housing color	White
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

Number of switching cycles	25000
Lifespan L70/B50 at 25 °C	60000 h
Lifespan L80/B10 at 25 °C	40000 h
Lifespan L90/B10 at 25 °C	25000 h

Additional product data

Mounting type	SURFACE/SUSPENDED
Mounting location	Ceiling
Low flicker	Yes
Product remark	Available from December 2019

Capabilities

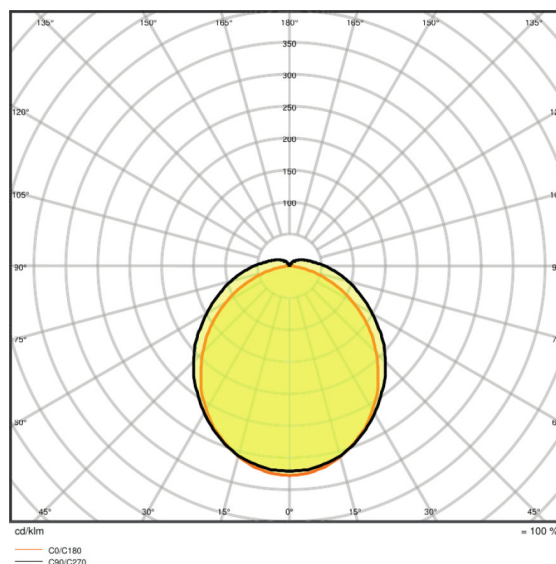
Dimmable	No
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Type of connection	Push fit terminal
LED module replaceable	Not replaceable
Ball shot safe	No

Certificates & standards

Protection class IK (shock resistance)	IK08
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group EN62778	RG1
Photobio. safety group acc. to EN62471	RG0
Protection class	I
Type of protection	IP44
Standards	CE/CB/ENEC/TÜV SÜD/EAC

Light Distribution



LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

– Accessories for suspension available

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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4058075352896	Folding carton box 1	1207 mm x 150 mm x 77 mm	2360.00 g	13.94 dm ³
4058075352902	Shipping carton box 4	1228 mm x 319 mm x 183 mm	10370.00 g	71.69 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.

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.