PRODUCT DATASHEET
LN SF IP44 1500 43 W 3000 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



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- 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	43.00 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	21
Max. no. of lum. on circuit break. C10 A	18
Max. no. of lum. on circuit break. C16 A	30
Inrush current	16 A
Total harmonic distortion	≤ 20 %
Inrush current time T_{h50}	236 µs

Luminaire control gear data

Low flicker	Yes
Ouput current	1050 mA

Photometrical data

Color temperature	3000 K
Luminous flux	5000 lm
Luminous efficacy	115 lm/W
Standard deviation of color matching	≤4 sdcm
Light color (designation)	Warm White
Color rendering index Ra	≥80

Light technical data

Beam angle	120 °

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Dimensions & weight



Length	1499 mm
Width	145.0 mm
Height	64.5 mm
Product weight	2700.00 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

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

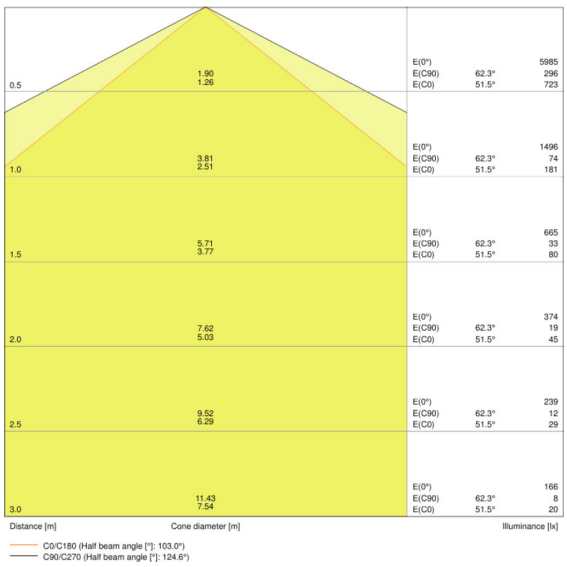
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Type of connection	Push fit terminal
LED module replaceable	Not replaceable
Ball shot safe	No

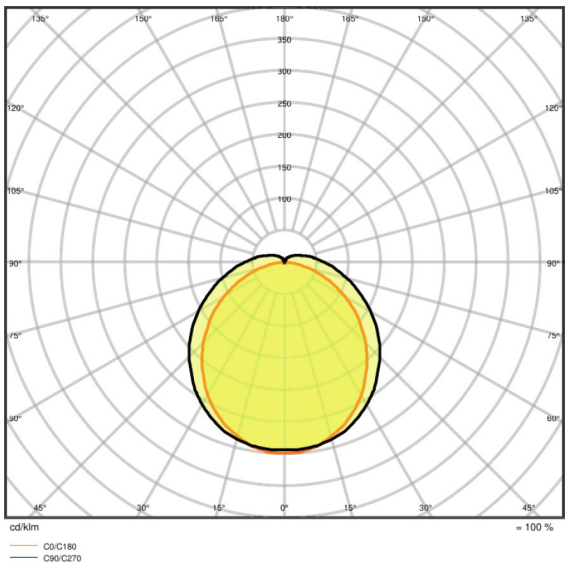
Certificates & standards

Protection class IK (shock resistance)	IK08
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group EN62778	RG 1
Photobio. safety group acc. to EN62471	RG 0
Protection class	I
Type of protection	IP44
Standards	CE/CB/ENEC/TÜV SÜD/RoHS/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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4058075352919	Folding carton box 1	1507 mm x 150 mm x 77 mm	2920.00 g	17.41 dm³
4058075352926	Shipping carton box 4	1529 mm x 319 mm x 183 mm	12830.00 g	89.26 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.

REFERENCES / LINKS

For Guarantee see

- www.ledvance.com/guarantee

DISCLAIMER

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