

# PRODUCT DATASHEET

## LN UO 1500 46 W 4000 K

LINEAR ULTRA OUTPUT | Surface luminaire with high luminous flux



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### AREAS OF APPLICATION

- Direct replacement for luminaires with fluorescent lamps
- Indoor applications
- Industrial and commercial halls
- Public areas
- Corridors, stairwells, basements
- Garages

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### PRODUCT BENEFITS

- Replacement of conventional T8 luminaires with up to 7100 lm
- Energy savings up to 60 % (compared to luminaires that use fluorescent lamps)
- Robust structure with IK08
- Optional reflector accessory and multiple wiring possibilities for flexible applications
- 5 years guarantee

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### PRODUCT FEATURES

- Versions with luminous flux between 3500 and 7100 lm available
- Very high luminous efficacy: up to 125 lm/W
- Robust metal housing and PC diffuser
- Wiring at back side of luminaire
- Through wiring possible



**TECHNICAL DATA**

Electrical data

Nominal wattage	46.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor $\lambda$	> 0.90
Mains frequency	50/60 Hz

Luminaire control gear data

Max. no. of lum. on circuit break. B16 A	45
Max. no. of lum. on circuit break. C10 A	25
Max. no. of lum. on circuit break. C16 A	45

Photometrical data

Color temperature	4000 K
Luminous flux	5500 lm
Luminous efficacy	120 lm/W
Standard deviation of color matching	<5 sdc <sub>m</sub>
Light color (designation)	Cool White
Color rendering index Ra	≥80

Light technical data

Beam angle	110 °
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Dimensions & weight



Length	1458 mm
Width	62.0 mm
Height	74.0 mm
Product weight	1850.00 g

## Colors &amp; materials

<b>Body material</b>	Steel
<b>Housing color</b>	White
<b>Product color</b>	White
<b>Cover material</b>	Polycarbonate (PC)

## Temperatures &amp; operating conditions

<b>Ambient temperature range</b>	-10...40 °C
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## Lifespan

<b>Lifespan L70 at 25 °C</b>	50000 h
<b>Lifespan L80 at 25 °C</b>	40000 h
<b>Lifespan L90 at 25 °C</b>	30000 h

## Additional product data

<b>Mounting type</b>	Surface
<b>Mounting location</b>	Ceiling / Wall

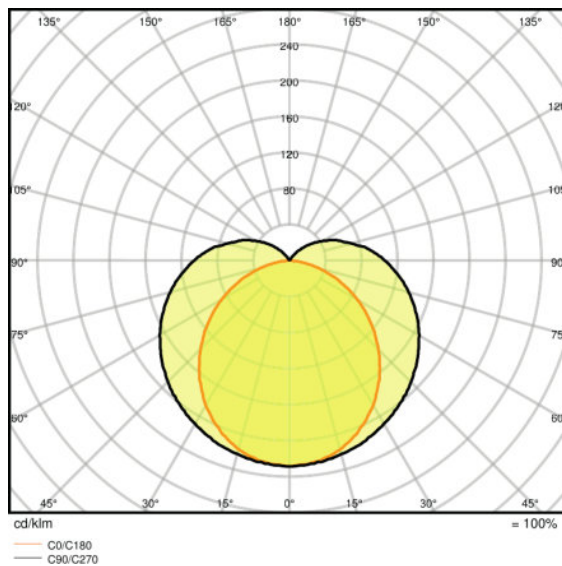
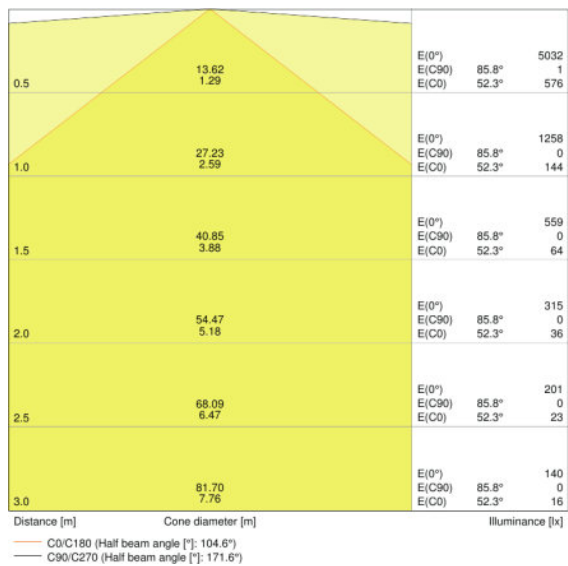
## Capabilities

<b>Dimmable</b>	No
<b>Type of connection</b>	Screwless terminal
<b>LED module replaceable</b>	Not replaceable
<b>Ball shot safe</b>	No

## Certificates &amp; standards

<b>Protection class IK (shock resistance)</b>	IK08
<b>Glow Wire Test according to IEC 695-2-1</b>	650 °C
<b>Photobiological safety group EN62778</b>	RG 0
<b>Protection class</b>	I
<b>Type of protection</b>	IP20
<b>Standards</b>	CE/CB/ENEC/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ cone

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EQUIPMENT / ACCESSORIES

- Reflector for high ceilings or asymmetric light emission available (1500 mm version)
- Mounting screws and dowels included
- Internal threaded rod and screw for locking the housing included

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075122246	Folding carton box 1	69 mm x 1464 mm x 77 mm	1950.00 g	7.78 dm <sup>3</sup>
4058075122253	Shipping carton box 6	1544 mm x 222 mm x 164 mm	13360.00 g	56.21 dm <sup>3</sup>

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](http://www.ledvance.com/guarantee)

DISCLAIMER

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