

# PRODUCT DATASHEET

## LN UO 1500 60 W 3000 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 diffusor
- Wiring at back side of luminaire
- Through wiring possible



## TECHNICAL DATA

### Electrical data

Nominal wattage	60.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor $\lambda$	> 0.90
Mains frequency	50/60 Hz
Inrush current	50.0 A
Total harmonic distortion	$\leq 15 \%$
Inrush current time $T_{h50}$	100 $\mu$ s

### Luminaire control gear data

Max. no. of lum. on circuit break. B16 A	17
Max. no. of lum. on circuit break. C10 A	13
Max. no. of lum. on circuit break. C16 A	22

### Photometrical data

Color temperature	3000 K
Luminous flux	6600 lm
Luminous efficacy	110 lm/W
Standard deviation of color matching	<5 sdcn
Light color (designation)	Warm White
Color rendering index Ra	$\geq 80$

### Light technical data

Beam angle	110 °
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### Dimensions & weight



Length	1458 mm
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<b>Width</b>	62.0 mm
<b>Height</b>	74.0 mm
<b>Product weight</b>	1850.00 g

## Colors &amp; materials

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

## Temperatures &amp; operating conditions

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

<b>Number of switching cycles</b>	100000
<b>Lifespan L70/B50 at 25 °C</b>	50000 h
<b>Lifespan L80/B10 at 25 °C</b>	40000 h
<b>Lifespan L90/B10 at 25 °C</b>	30000 h

## Additional product data

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

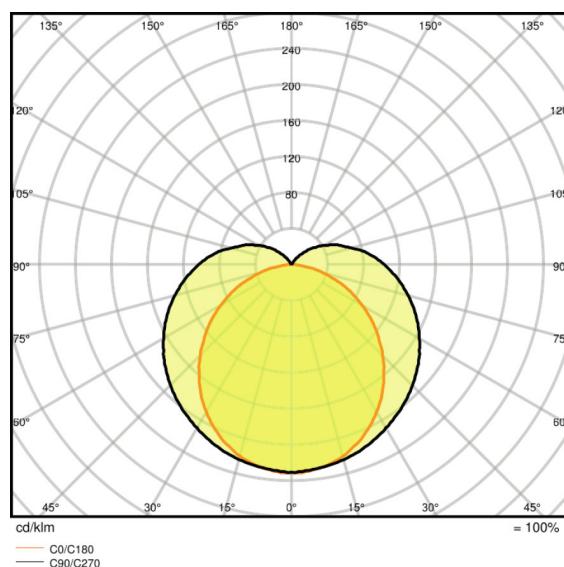
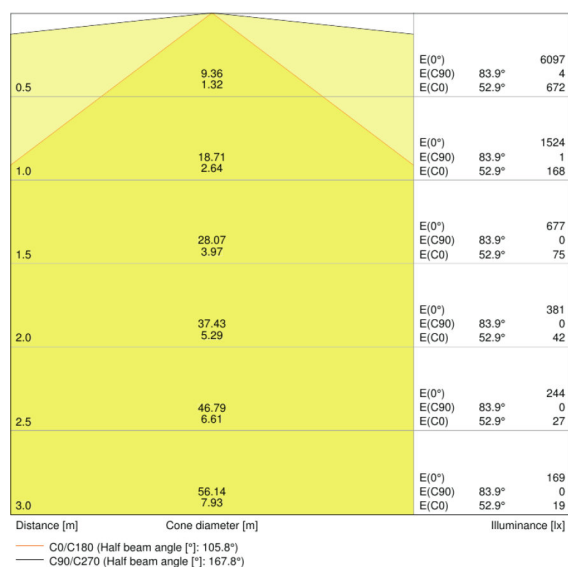
## Capabilities

<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



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LDC typ polar

## EQUIPMENT / ACCESSORIES

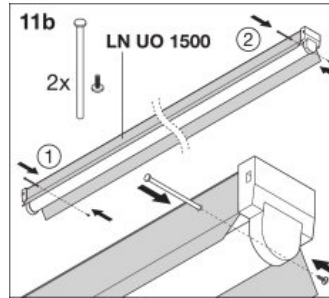
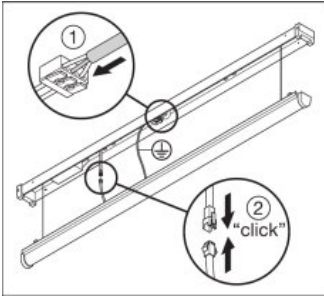
- Reflector for high ceilings or asymmetric light emission available separately (1500 mm version)
- Mounting screws and dowels included

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075122260	Folding carton box 1	69 mm x 1464 mm x 77 mm	1950.00 g	7.78 dm <sup>3</sup>
4058075122277	Shipping carton box 6	1474 mm x 225 mm x 170 mm	13360.00 g	56.38 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.

## ADDITIONAL CATALOG INFORMATION



## REFERENCES / LINKS

For Guarantee see

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

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