

PRODUCT DATASHEET

LN UO 1500 46 W 4000 K

LINEAR ULTRA OUTPUT | Surface luminaire with high luminous flux



AREAS OF APPLICATION

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

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

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 λ | > 0.90 |
| Mains frequency | 50/60 Hz |

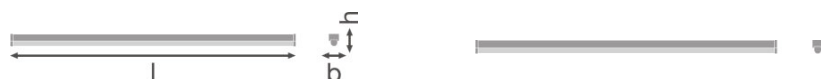
Photometrical data

| | |
|--|---------------------|
| Color temperature | 4000 K |
| Luminous flux | 5500 lm |
| Luminous efficacy | 120 lm/W |
| Standard deviation of color matching | <5 sdc _m |
| Light color (designation) | Cool White |
| Color rendering index Ra | ≥80 |
| Luminous efficacy of lamp in luminaire | 120 lm/W |

Light technical data

| | |
|------------|-------|
| Beam angle | 110 ° |
|------------|-------|

— Dimensions & weight



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

Colors & materials

| | |
|---------------|-------|
| Body material | Steel |
| Housing color | White |

| | |
|-----------------------|--------------------|
| Product color | White |
| Cover material | Polycarbonate (PC) |

Temperatures & operating conditions

| | |
|----------------------------------|-------------|
| Ambient temperature range | -10...40 °C |
|----------------------------------|-------------|

Lifespan

| | |
|------------------------------|---------|
| Lifespan L70 at 25 °C | 50000 h |
| Lifespan L80 at 25 °C | 40000 h |
| Lifespan L90 at 25 °C | 30000 h |

Additional product data

| | |
|--------------------------|----------------------------|
| Mounting type | Surface |
| Mounting location | Ceiling / Wall |
| Product remark | Available from August 2018 |

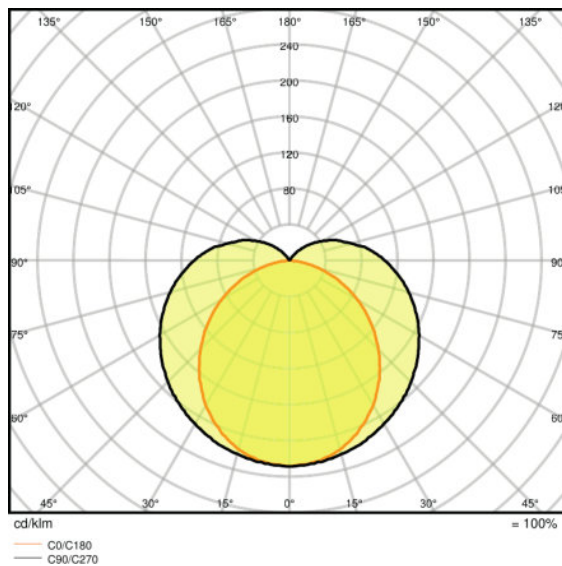
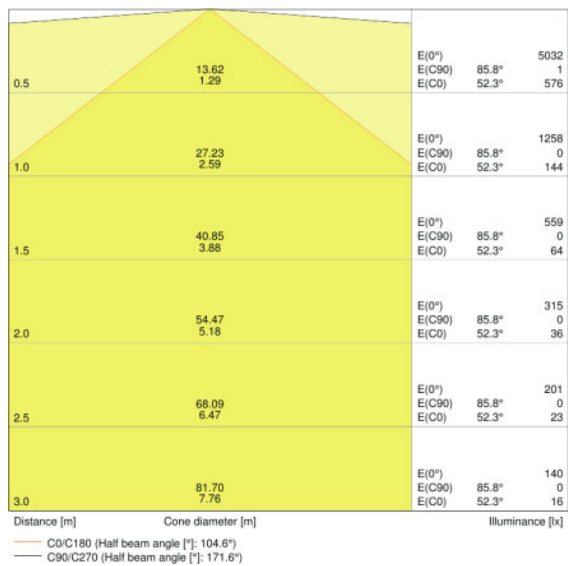
Capabilities

| | |
|-------------------------------|-------------------|
| Dimmable | No |
| Type of connection | Push fit terminal |
| LED module replaceable | Not replaceable |

Certificates & standards

| | |
|---|-----------------------------|
| Protection class IK (shock resistance) | IK08 |
| Photobiological safety group | RG 0 |
| Protection class | I |
| Type of protection | IP20 |
| Standards | CE/CB/TÜV SÜD/EAC/RoHS/ENEC |

Light Distribution



LDC typ cone

LDC typ polar

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 | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|------------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4058075122246 | LN UO 1500 46 W 4000 K | Shipping carton box 6 | 1544 mm x 222 mm x 164 mm | 56.21 dm ³ | 13360.00 g |

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.