

# PRODUCT DATASHEET

## LN UO 1200 33 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

- 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                          | 33.00 W               |
| Operating mode                           | Integrated LED driver |
| Nominal voltage                          | 220...240 V           |
| Power factor $\lambda$                   | > 0.90                |
| Mains frequency                          | 50/60 Hz              |
| Max. no. of lum. on circuit break. B16 A | 41                    |
| Max. no. of lum. on circuit break. C10 A | 33                    |
| Max. no. of lum. on circuit break. C16 A | 53                    |
| Inrush current                           | 20.0 A                |
| Total harmonic distortion                | $\leq 20 \%$          |
| Inrush current time $T_{h50}$            | 100 $\mu$ s           |

### Photometrical data

|                                      |               |
|--------------------------------------|---------------|
| Color temperature                    | 4000 K        |
| Luminous flux                        | 4000 lm       |
| Luminous efficacy                    | 120 lm/W      |
| Standard deviation of color matching | $\leq 5$ sdcn |
| Light color (designation)            | Cool White    |
| Color rendering index Ra             | $\geq 80$     |

### Light technical data

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

### Dimensions & weight



|        |         |
|--------|---------|
| Length | 1168 mm |
| Width  | 62.0 mm |
| Height | 74.0 mm |

|                       |           |
|-----------------------|-----------|
| <b>Product weight</b> | 1260.00 g |
|-----------------------|-----------|

### Colors & 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 & operating conditions

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

### Lifespan

|                                   |         |
|-----------------------------------|---------|
| <b>Number of switching cycles</b> | 50000   |
| <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 |

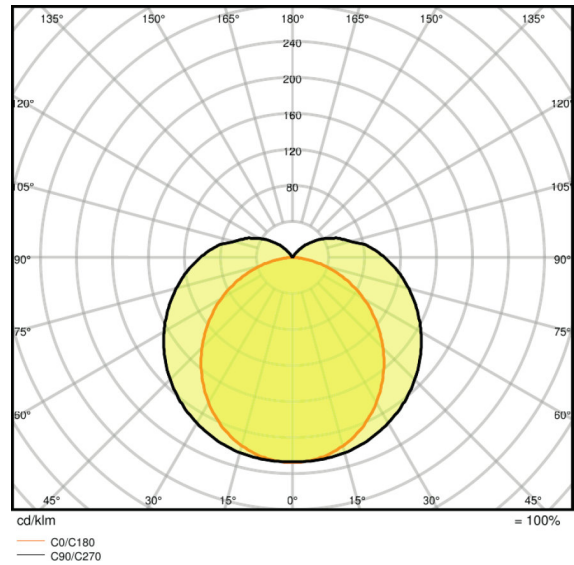
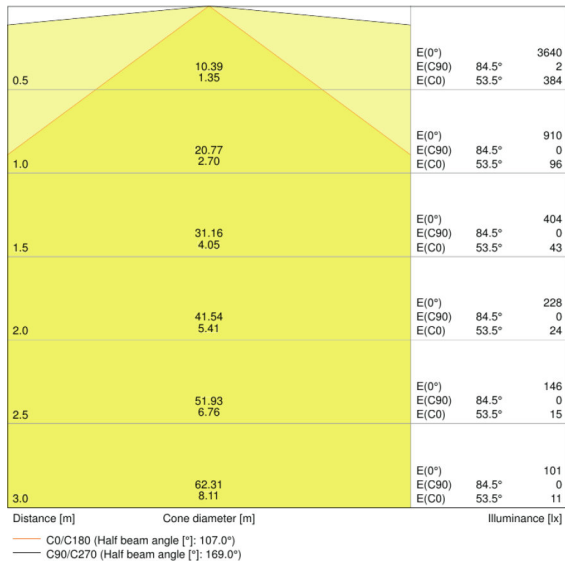
### Capabilities

|                               |                    |
|-------------------------------|--------------------|
| <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 & standards

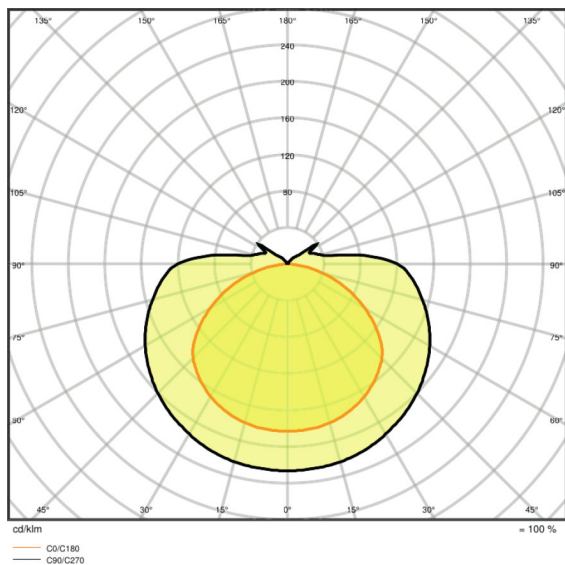
|   |                             |
|---|-----------------------------|
| <b>Protection class IK (shock resistance)</b>     | IK08                        |
| <b>Glow Wire Test according to IEC 60695-2-12</b> | 850 °C                      |
| <b>Photobiological safety group EN62778</b>       | RG 0                        |
| <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

LDC typ polar



LDC typ polar

EQUIPMENT / ACCESSORIES

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

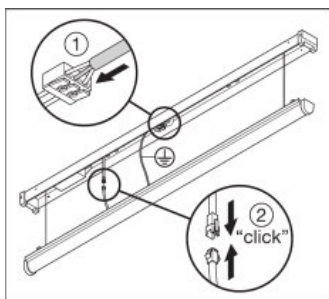
---

**LOGISTICAL DATA**

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075122161 | Folding carton box<br>1      | 69 mm x 1174 mm x 77 mm              | 1345.00 g    | 6.24 dm <sup>3</sup>  |
| 4058075122178 | Shipping carton box<br>6     | 1184 mm x 225 mm x 170 mm            | 8725.00 g    | 45.29 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)

---

**DISCLAIMER**

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