

# PRODUCT DATASHEET

## LN UO P 600 21W CPS WT

LINEAR ULTRA OUTPUT GEN 2 | Surface luminaire with high luminous efficacy up to 150 lm/W



PERFOR-  
MANCE  
CLASS

### Areas of application

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

### Product benefits

- Highly versatile due to selectable CCT and power steps (Multi Color / Multi Lumen)
- SMD LEDs are moisture-proof and corrosion-proof thanks to tri-proof coating
- Energy savings up to 70 % (compared to luminaires that use fluorescent lamps)
- Robust structure with IK08
- Easy installation and versatile application

### Product features

- Three-proof coating to improve the protection of the SMD LEDs
- Very high luminous efficacy: up to 150 lm/W
- Robust metal housing and PC diffuser
- Through wiring possible



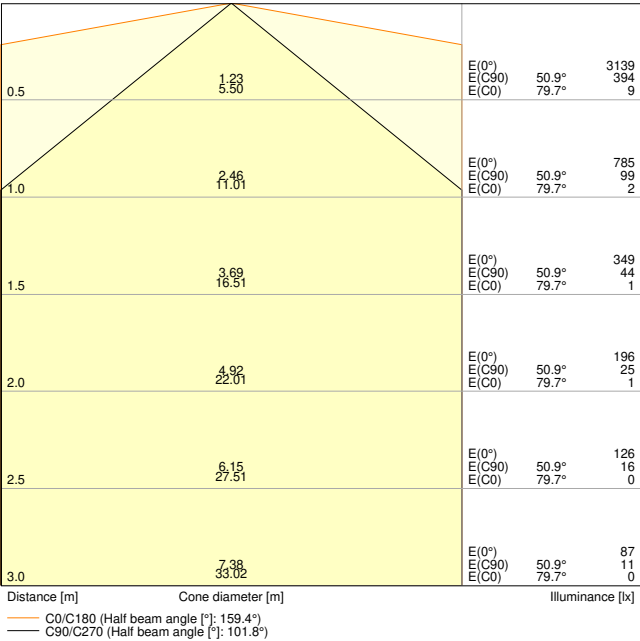
---

**TECHNICAL DATA****Electrical data**

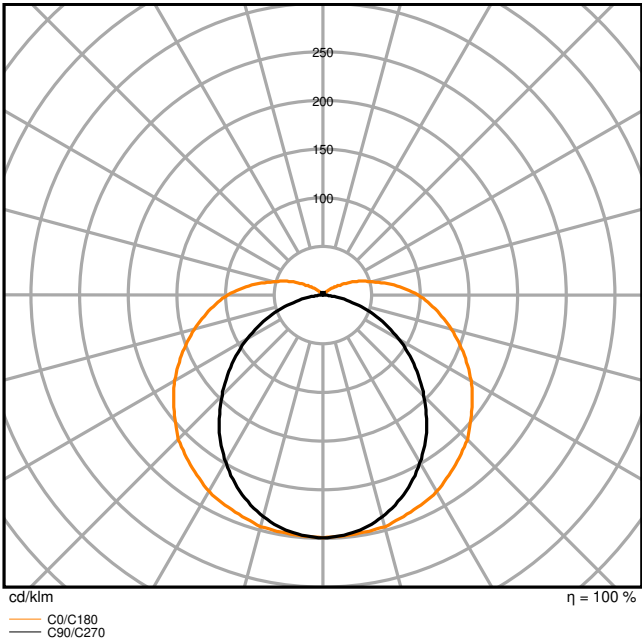
|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Nominal wattage                                             | 21 W / 17 W / 13 W / 8 W |
| Nominal voltage                                             | 220...240 V              |
| Mains frequency                                             | 50...60 Hz               |
| Nominal current                                             | 100/80/68/47 mA          |
| Inrush current                                              | 12 A                     |
| Inrush current time $T_{h50}$                               | 180 $\mu$ s              |
| Max. number of luminaires per miniature circuit breaker B16 | 34                       |
| Max. number of luminaires per miniature circuit breaker C10 | 29                       |
| Max. number of luminaires per miniature circuit breaker C16 | 46                       |
| Power factor $\lambda$                                      | > 0.90                   |
| Total harmonic distortion                                   | < 15 %                   |
| Protection class                                            | I                        |
| Operating mode                                              | Integrated LED driver    |

**Photometrical data**

|                                              |                                                                               |
|----------------------------------------------|-------------------------------------------------------------------------------|
| Luminous flux                                | 3150 lm / 2550 lm / 1950 lm / 1200 lm / 2940 lm / 2380 lm / 1820 lm / 1120 lm |
| Luminous efficacy                            | 150 lm/W / 140 lm/W                                                           |
| Color temperature                            | 3000 K / 4000 K                                                               |
| Light color (designation)                    | Warm White / Cool White                                                       |
| Color rendering index Ra                     | > 80                                                                          |
| Standard deviation of color matching         | < 3 sdc <sub>m</sub>                                                          |
| Low flicker                                  | Yes                                                                           |
| Flickering metric (Pst LM)                   | <1                                                                            |
| Stroboscope effect metric (SVM)              | < 0.4                                                                         |
| Photobiological safety group acc. to EN62778 | RG0                                                                           |
| Beam angle                                   | 130 °                                                                         |



LN UO P 600 21W CPS WT



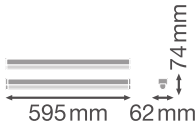
LN UO P 600 21W CPS WT

Adjustable attributes

| Nominal wattage | Color temperature | Luminous flux | Luminous efficacy |
|-----------------|-------------------|---------------|-------------------|
| 21 W            | 4000 K            | 3150 lm       | 150 lm/W          |
| 17 W            | 4000 K            | 2550 lm       | 150 lm/W          |
| 13 W            | 4000 K            | 1950 lm       | 150 lm/W          |
| 8 W             | 4000 K            | 1200 lm       | 150 lm/W          |
| 21 W            | 3000 K            | 2940 lm       | 140 lmW           |
| 17 W            | 3000 K            | 2380 lm       | 140 lmW           |
| 13 W            | 3000 K            | 1820 lm       | 140 lmW           |
| 8 W             | 3000 K            | 1120 lm       | 140 lmW           |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 595.00 mm |
| Width          | 65.00 mm  |
| Height         | 74.00 mm  |
| Product weight | 700.00 g  |



LN UO

Materials & Colors

|                                            |                    |
|--------------------------------------------|--------------------|
| Product color                              | White              |
| Housing color                              | White              |
| Body material                              | Steel              |
| Cover material                             | Polycarbonate (PC) |
| Light emitting surface material            | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C             |
| Mercury content                            | 0.0 mg             |

Application & Mounting

|                                        |                              |
|----------------------------------------|------------------------------|
| Ambient temperature range              | -20...+40 °C                 |
| Temperature range at storage           | -40...+80 °C                 |
| Type of connection                     | Screwless terminal (L, N, E) |
| Type of protection                     | IP20                         |
| Protection class IK (shock resistance) | IK08                         |
| Dimmable                               | No                           |
| Mounting type                          | Surface                      |
| Mounting location                      | Ceiling / Wall               |
| Adjustable                             | No                           |
| With light source                      | Yes                          |
| Replaceable light source               | No                           |

Lifespan

|                           |                       |
|---------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 88000 h <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C | 70000 h <sup>1)</sup> |

|                            |         |
|----------------------------|---------|
| Lifespan L80/B50 at 25 °C  | 70000 h |
| Number of switching cycles | 100000  |

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Control gear

|                             |             |
|-----------------------------|-------------|
| Output current              | 230 mA      |
| ECG - Output ripple current | < 5 %       |
| Recommended control gear    | LF-FSD037YA |

### Emergency lighting

|                                  |      |
|----------------------------------|------|
| Type of emergency operation test | None |
|----------------------------------|------|

### Certificates & Standards

|                                                      |                             |
|------------------------------------------------------|-----------------------------|
| Standards                                            | CE / CB / ENEC / UKCA / EAC |
| Luminaire with limited surface temperature, "D sign" | No                          |
| Ball shot safe                                       | No                          |
| Replaceable light source (EPREL)                     | Not replaceable             |

### Additional product data

|                |                               |
|----------------|-------------------------------|
| Product remark | Available from September 2025 |
| Added function | MULTI SELECT                  |

### EQUIPMENT / ACCESSORIES

- Mounting screws and dowels included

### Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

### DOWNLOAD DATA

| Documents and certificates                                                                                                | Document name                      |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------|
|  User instruction / safety instructions | G11231532 LINEAR ULTRA OUTPUT GEN2 |

| Documents and certificates                                                        |                                 | Document name                      |
|-----------------------------------------------------------------------------------|---------------------------------|------------------------------------|
|  | Legal information               | Safety Insert G11205497            |
|  | Legal information               | Informationstext 18 Abs 4 ElektroG |
|  | Legal information               | LISO Insert G11231533              |
|  | Legal information               | Legal Insert G11120689             |
|  | Declarations of conformity      | LN UO                              |
|  | Declarations of conformity UKCA | LN UO                              |

| Photometric and lighting design files                                               |                                     | Document name          |
|-------------------------------------------------------------------------------------|-------------------------------------|------------------------|
|    | IES file (IES)                      | LN UO P 600 21W CPS WT |
|   | LDT file (Eulumdat)                 | LN UO P 600 21W CPS WT |
|  | UGR file (UGR table)                | LN UO P 600 21W CPS WT |
|  | Light distribution curve type cone  | LN UO P 600 21W CPS WT |
|  | Light distribution curve type polar | LN UO P 600 21W CPS WT |

| CAD/BIM files                                                                       |              | Document name          |
|-------------------------------------------------------------------------------------|--------------|------------------------|
|  | BIM Revit 3D | Linear Ultra Output G2 |
|  | CAD STEP 3D  | LN UO G2 600           |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4058075850354 | Folding box<br>1             | 71 mm x 606 mm x 79 mm               | 802.00 g     | 3.40 dm³  |
| 4058075850361 | Shipping box<br>6            | 619 mm x 230 mm x 175 mm             | 5350.00 g    | 24.91 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](http://www.ledvance.com/guarantee)

---

## DISCLAIMER

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