

PRODUCT DATASHEET

PANEL 4IN1 600 32 W 4000 K

PANEL 4IN1 600 | Square 600 surface panel luminaires



Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Offices, schools
- General indoor illumination
- Corridors, entrance areas
- Shop lighting

Product benefits

- Homogenous light distribution
- The product family offers full lighting solution for different applications
- Energy savings of up to 50 % compared to T5 batten luminaires
- Low flicker light thanks to special electronic control gear
- 5 years guarantee

Product features

- Available 600 x 600 and 300 x 1200
- Luminous flux 3600 lm
- Luminous efficacy: up to 112 lm/W
- Glow Wire Test according to IEC 60695-2-12: 650 °C
- Lifetime (L70/B50): 50,000 h (at 25 °C)

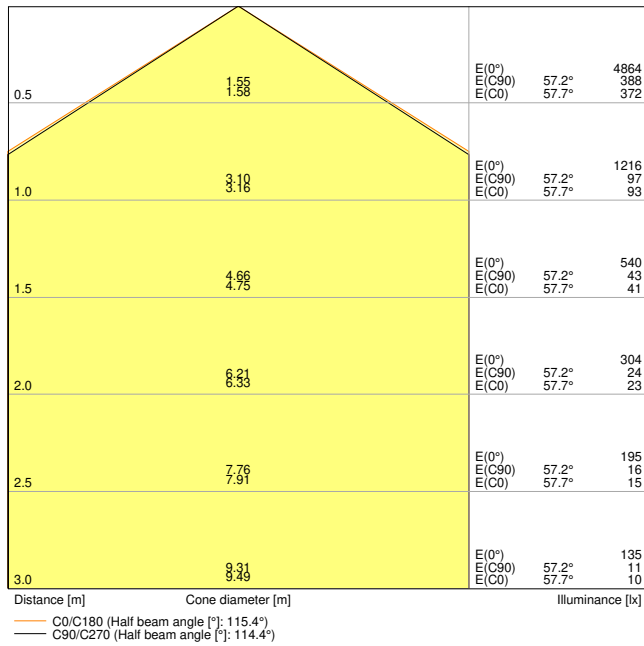
TECHNICAL DATA

Electrical data

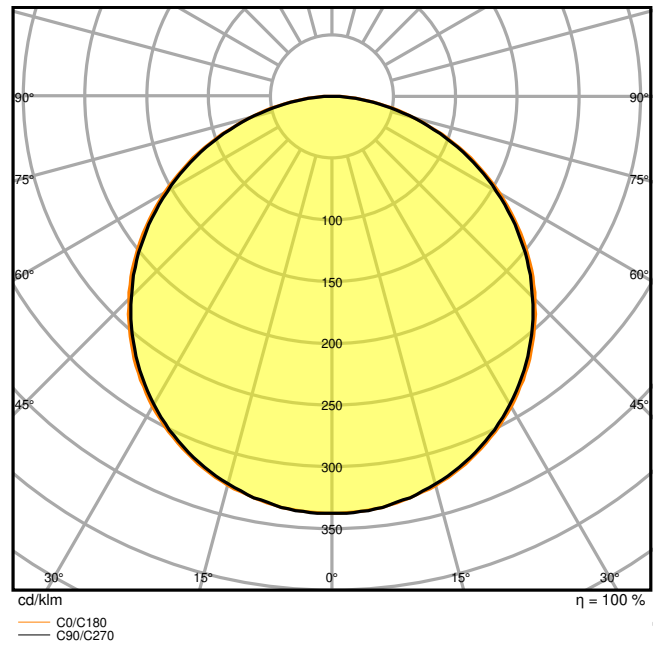
| | |
|--|-----------------------|
| Nominal wattage | 32.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 143.000 mA |
| Inrush current time T_{h50} | 300 μ s |
| Max. no. of lum. on circuit break. B16 A | 15 |
| Max. no. of lum. on circuit break. C10 A | 15 |
| Max. no. of lum. on circuit break. C16 A | 25 |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 15 % |
| Protection class | I |
| Operating mode | Integrated LED driver |

Photometrical data

| | |
|--|--------------------|
| Luminous flux | 3600 lm |
| Luminous efficacy | 112 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | 5 sdc _m |
| Luminous intensity | - |
| Low flicker | Yes |
| Flickering metric (Pst LM) | 1 |
| Stroboscope effect metric (SVM) | 0.4 |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobiological safety group acc. to EN62471 | RG0 |
| Beam angle | 120 ° |
| UGR | < 25 |



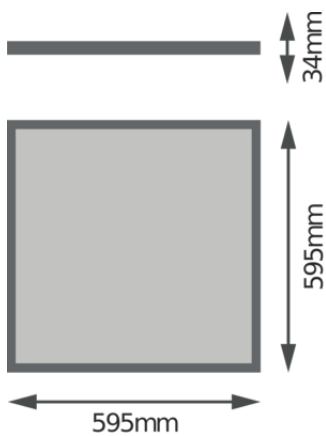
LDC typ cone



LDC typ polar

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 595.00 mm |
| Width | 595.00 mm |
| Height | 34.00 mm |
| Product weight | 2400.00 g |



Materials & Colors

| | |
|--|------------------|
| Product color | White |
| Housing color | White |
| Body material | Aluminum Steel |
| Cover material | Polystyrene (PS) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|--|-----------------------------|
| Ambient temperature range | -10...+50 °C |
| Type of connection | Terminal, 3-Pole (L, N, PE) |
| Type of protection | IP20 |
| Protection class IK (shock resistance) | IK02 |
| Dimmable | No |
| Mounting type | Recessed/Suspended/Surface |
| Mounting location | Ceiling |
| Application environment | Indoor |
| LED module replaceable | Not replaceable |
| With light source | Yes |

Lifespan

| | |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C | 50000 h |
| Lifespan L80/B10 at 25 °C | 44000 h |
| Lifespan L90/B10 at 25 °C | 36000 h |
| Number of switching cycles | 50000 |



Certificates & Standards

| | |
|--|-------------------|
| Standards | CE / REACH / RoHS |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |

Additional product data

| | |
|-----------------------|---|
| Number of illuminants | - |
|-----------------------|---|

DOWNLOAD DATA

| DOWNLOAD DATA | |
|--|-------------------------------|
|  | User instruction |
|  | Declarations Of Conformity CE |

DOWNLOAD DATA



IES file (IES)



LDT file (Eulumdat)



UGR file (UGR table)

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075699564 | Folding box 1 | 602 mm x 42 mm x 632 mm | 2390.00 g | 15.98 dm ³ |
| 4058075699571 | Shipping box 4 | 617 mm x 184 mm x 658 mm | 10827.00 g | 74.70 dm ³ |

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.

DISCLAIMER

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