

PRODUCT DATASHEET

PANEL D/I 1200 36 W 4000 K UGR19 DALI

PANEL DIRECT/INDIRECT 1200 UGR < 19 DALI | Suspended edge-lit luminaires for direct and indirect light emission, low glare, 1200 mm with DALI-2 IoT technology



Areas of application

- Efficient replacement for traditional T8 and T5 luminaires
- Offices
- Meeting rooms
- Conference rooms
- Reception areas and foyers

Product benefits

- Suitable luminaire for VIVARES and other DALI-2 Light Management Systems
- Suspended edge-lit luminaires for direct light emission (70%) and indirect light emission (30%)
- Attractive and functional design for office applications
- Good glare reduction ($UGR \leq 19$)
- Very homogenous light
- Low maintenance and low operational costs
- External driver for extended flexibility
- Special light guide design for low-glare illumination
- Easy and quick installation
- Low flicker light thanks to special electronic control gear
- 5 years guarantee

Product features

- IoT-ready luminaire with DALI-2 technology



- Rectangular (1200 mm x 300 mm) stand-alone luminaires with direct (70 %) and indirect (30 %) light emission
- Driver integrated into the remote driver box
- UGR \leq 19 according to EN12464-1
- High luminous efficacy: up to 110 lm/W
- Lifetime (L70/B50): 80,000 h (at 25 °C)
- Follows the unified LEDVANCE design language (SCALE design)
- Very slim aluminum housing



TECHNICAL DATA

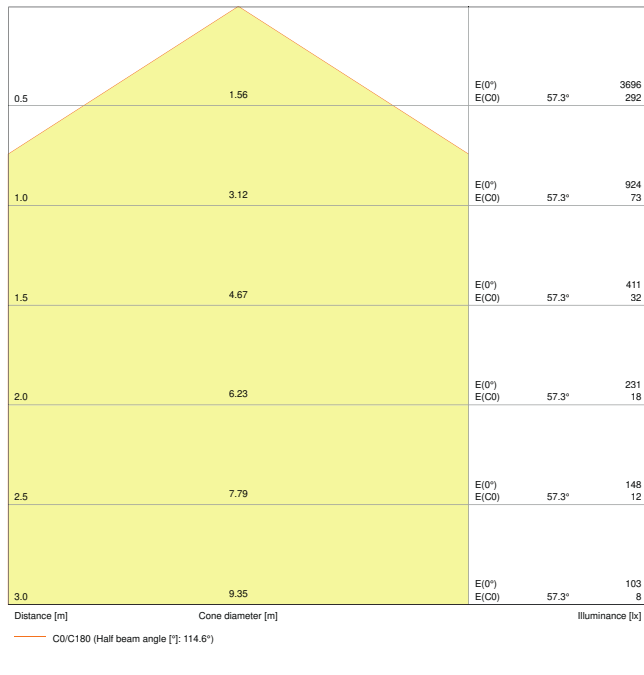
Electrical data

| | |
|--|-----------------------|
| Nominal wattage | 36.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 0/50/60 Hz |
| Nominal current | 230 mA |
| Inrush current | 16 A |
| Inrush current time T_{h50} | 160 μ s |
| Max. no. of lum. on circuit break. B16 A | 20 |
| Max. no. of lum. on circuit break. C10 A | 21 |
| Max. no. of lum. on circuit break. C16 A | 33 |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 20 % |
| Protection class | I |
| Operating mode | Integrated LED driver |

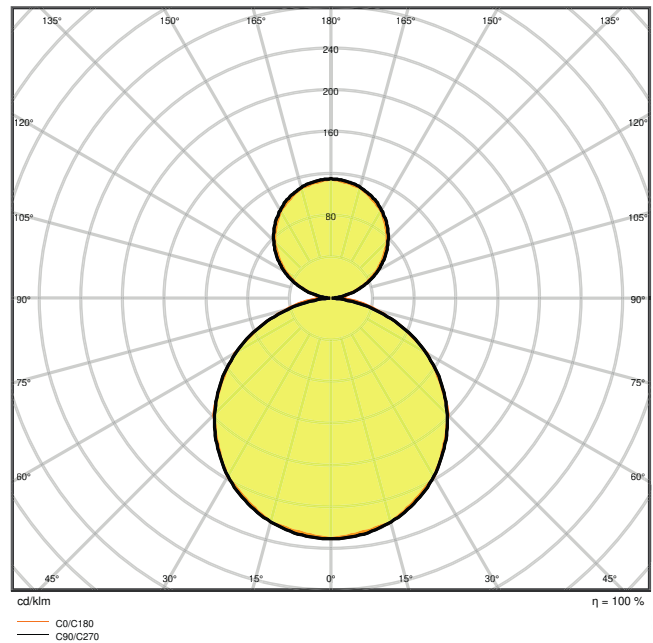
Photometrical data

| | |
|--|--------------------|
| Luminous flux | 4000 lm |
| Luminous efficacy | 110 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | ≥ 80 |
| Standard deviation of color matching | 4 sdc _m |
| Low flicker | Yes |
| Flickering metric (Pst LM) | - |
| Stroboscope effect metric (SVM) | - |
| Photobiological safety group acc. to EN62778 | RG0 |
| Beam angle | 110 ° |
| UGR | < 19 |





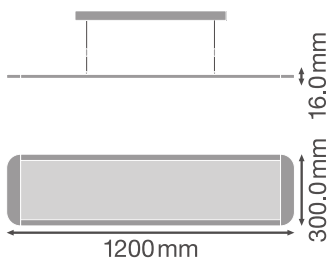
LDC typ cone



LDC typ polar

Dimensions & Weight

| | |
|----------------|------------|
| Length | 1200.00 mm |
| Width | 300.00 mm |
| Height | 16.00 mm |
| Product weight | 3500.00 g |



Materials & Colors

| | |
|---------------|-------|
| Product color | White |
|---------------|-------|



| | |
|--|--------------------|
| Housing color | White |
| Body material | Aluminum |
| 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...+45 °C |
| Type of connection | Terminal |
| Type of protection | IP20 |
| Protection class IK (shock resistance) | IK03 |
| Dimmable | Yes |
| Type of dimming | DALI |
| Mounting type | Suspended |
| Mounting location | Ceiling |
| Application environment | Indoor |
| LED module replaceable | Not replaceable |
| With light source | Yes |

Lifespan

| | |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C | 80000 h |
| Lifespan L80/B10 at 25 °C | 60000 h |
| Lifespan L90/B10 at 25 °C | 50000 h |
| Number of switching cycles | 100000 |

Control gear

| | |
|----------------------|--------|
| ECG - Output voltage | 38 V |
| Output current | 800 mA |

Certificates & Standards










| | |
|--|--------------------------------|
| Standards | CE / CB / ENEC / TÜV SÜD / EAC |
| Luminaire with limited surface temperature, "D sign" | No |

EQUIPMENT / ACCESSORIES

- Suspension kit included



DOWNLOAD DATA

| DOWNLOAD DATA | |
|---|-----------------------------|
|  | User instruction |
|  | Addon Technical Information |
|  | Tender documents |
|  | Declarations of conformity |
|  | IES file (IES) |
|  | LDT file (Eulumdat) |
|  | R3D file (Relux 3D Model) |
|  | M3D file (3D Model) |
|  | UGR file (UGR table) |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075504059 | Shipping box 2 | 1,280 mm x 155 mm x 465 mm | 9575.00 g | 92.26 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.

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.

