

PRODUCT DATASHEET

DP 1200 18W 840 IP65 GY

DAMP PROOF | Damp-proof luminaires, classic shape



Areas of application

- Industrial and storage facilities
- Car parks and underpasses
- Garages
- Workshops, assembly lines

Product benefits

- Low flicker $\leq 10\%$
- Evenly distributed light
- Energy savings of up to 60 % (compared to luminaires that use fluorescent lamps)
- Easy installation, no tools required for connection
- 5 years guarantee

Product features

- High luminous efficacy: up to 139 lm/W
- Beam angle: 110°



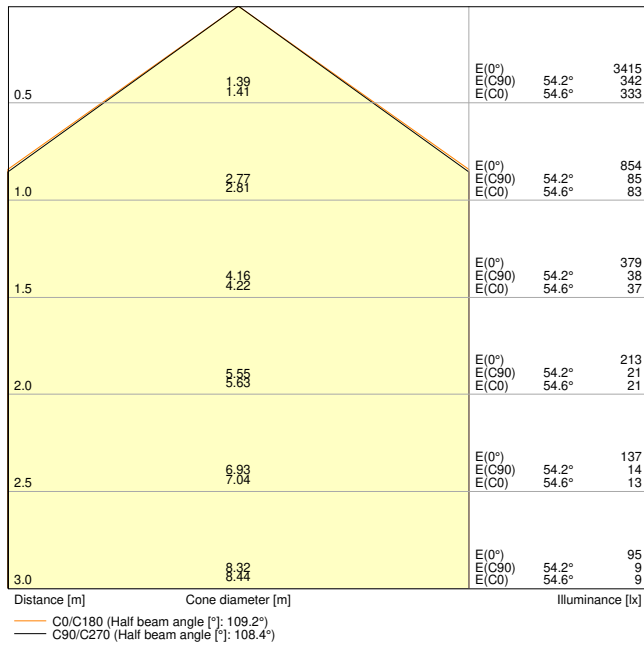
TECHNICAL DATA

Electrical data

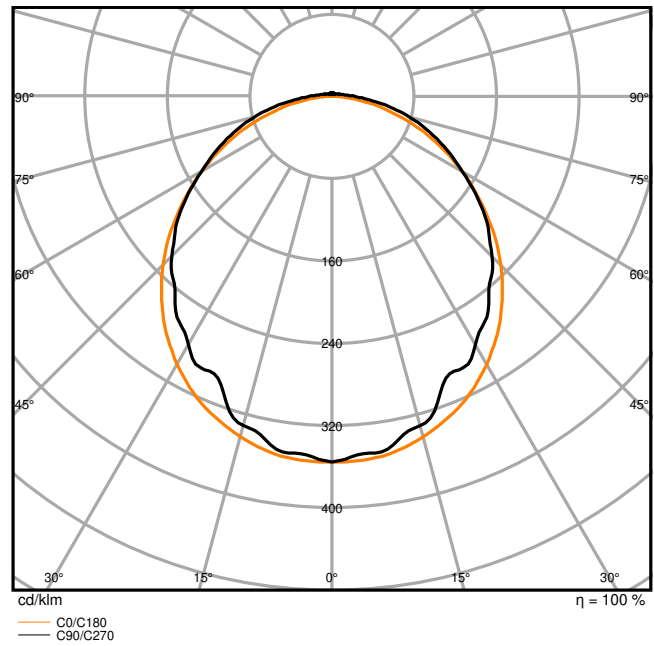
| | |
|---|-----------------------|
| Nominal wattage | 18.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 90.000 mA |
| Inrush current | 10.4 A |
| Inrush current time T_{h50} | 154 μ s |
| Max. number of luminaires per miniature circuit breaker B16 | 58 |
| Max. number of luminaires per miniature circuit breaker C10 | 46 |
| Max. number of luminaires per miniature circuit breaker C16 | 73 |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 20 % |
| Protection class | I |
| Operating mode | Integrated LED driver |

Photometrical data

| | |
|--|------------|
| Luminous flux | 2400 lm |
| Luminous efficacy | 133 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | 4 sdcM |
| Low flicker | Yes |
| Flickering metric (Pst LM) | ≤ 1 |
| Stroboscope effect metric (SVM) | ≤ 0.4 |
| Photobiological safety group acc. to EN62778 | RG0 |
| Beam angle | 110 ° |



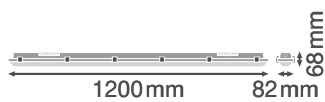
LDC typ cone



LDC typ polar

Dimensions & Weight

| | |
|----------------|------------|
| Length | 1200.00 mm |
| Width | 82.00 mm |
| Height | 68.00 mm |
| Product weight | 1343.00 g |



Materials & Colors

| | |
|--|--------------------|
| Product color | Gray |
| Housing color | Gray |
| Body material | Polycarbonate (PC) |
| Cover material | Polycarbonate (PC) |
| Light emitting surface material | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 850 °C |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|--|-------------------|
| Ambient temperature range | -25...+40 °C |
| Temperature range at storage | -25...+80 °C |
| Type of connection | Terminal, 3-pin |
| Type of protection | IP65 |
| Protection class IK (shock resistance) | IK08 |
| Dimmable | No |
| Mounting type | Suspended/Surface |
| Mounting location | Ceiling / Wall |
| Application environment | Indoor |
| LED module replaceable | Not replaceable |
| With light source | Yes |

Lifespan

| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 70000 h ¹⁾ |
| Lifespan L80/B10 at 25 °C | 50000 h ¹⁾ |
| Lifespan L90/B10 at 25 °C | 33000 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 | 180 mA |
|----------------|--------|
















Certificates & Standards

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

EQUIPMENT / ACCESSORIES

- Stainless steel clamps with safety screws included
- Mounting accessories included (suspension kit, theft protection kit)

DOWNLOAD DATA

| Documents and certificates | |
|---|---------------------------------|
|  | User instruction |
|  | Addon Technical Information |
|  | Declarations Of Conformity CE |
|  | Declarations Of Conformity UKCA |
|  | Certificates |
| Photometric and lighting design files | |
|  | IES file (IES) |
|  | LDT file (Eulumdat) |
|  | ULD file (DIALux) |
|  | ROLF file (RELUX) |
|  | UGR file (UGR table) |
|  | LDC typ cone |
|  | LDC typ polar |
| CAD/BIM files | |
|  | BIM_Revit_3D |
|  | CAD_STEP_3D |
| Tender texts | |
|  | Tender documents |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075541047 | Folding box 1 | 1,210 mm x 87 mm x 74 mm | 1328.00 g | 7.79 dm ³ |
| 4058075541054 | Shipping box 6 | 1,232 mm x 191 mm x 245 mm | 8988.00 g | 57.65 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.

ADDITIONAL CATALOG INFORMATION

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.