

# PRODUCT DATASHEET

## DP COMPACT 1500 31W/3000K IP66 GR

DAMP PROOF COMPACT GEN 1 | Damp-proof luminaire, through-wired (L, N, E)

### Areas of application

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



PERFOR-  
MANCE  
CLASS

### Product benefits

- Evenly distributed light
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- Easy installation as mounting brackets can be positioned freely on the luminaire
- Easy access to electrical terminal thanks to end caps with twist and lock mechanism
- Tool-free electrical connection due to push button connector
- 5 years guarantee

### Product features

- High luminous efficacy: up to 120 lm/W
- Type of protection: IP66
- Beam angle: 120°
- Through-wiring 3x1.5mm<sup>2</sup> already installed



– Polycarbonate housing

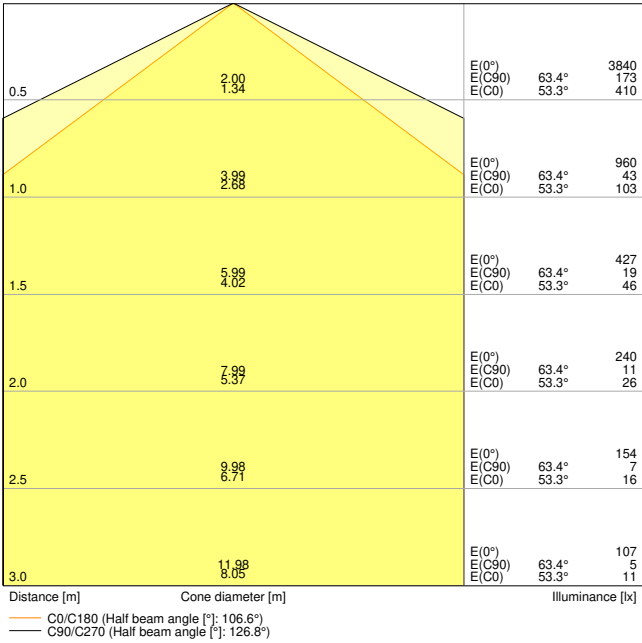
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**TECHNICAL DATA****Electrical data**

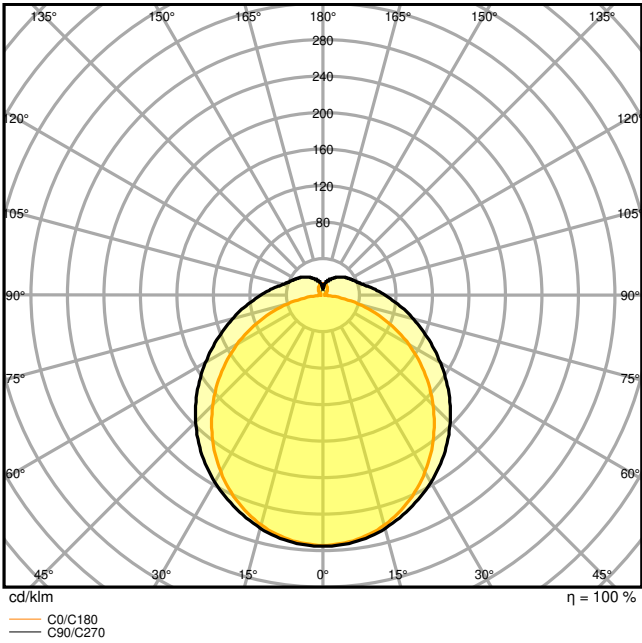
|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Nominal wattage                                             | 31.00 W               |
| Nominal voltage                                             | 220...240 V           |
| Mains frequency                                             | 50...60 Hz            |
| Nominal current                                             | 170 mA                |
| Inrush current                                              | 13 A                  |
| Inrush current time $T_{h50}$                               | 140 $\mu$ s           |
| Max. number of luminaires per miniature circuit breaker B16 | 46                    |
| Max. number of luminaires per miniature circuit breaker C10 | 36                    |
| Max. number of luminaires per miniature circuit breaker C16 | 59                    |
| Power factor $\lambda$                                      | > 0.90                |
| Total harmonic distortion                                   | 20 %                  |
| Protection class                                            | II                    |
| Operating mode                                              | Integrated LED driver |

**Photometrical data**

|                                              |                           |
|----------------------------------------------|---------------------------|
| Luminous flux                                | 3500 lm                   |
| Luminous efficacy                            | 115 lm/W                  |
| Color temperature                            | 3000 K                    |
| Light color (designation)                    | Warm White                |
| Color rendering index Ra                     | > 80                      |
| Standard deviation of color matching         | $\leq 5$ sdc <sub>m</sub> |
| Low flicker                                  | Yes                       |
| Flickering metric (Pst LM)                   | $\leq 1$                  |
| Stroboscope effect metric (SVM)              | $\leq 0.9$                |
| Photobiological safety group acc. to EN62778 | RG0                       |
| Beam angle                                   | 120 °                     |



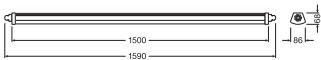
LDC typ cone



LDC typ polar

Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1590.00 mm |
| Width          | 86.00 mm   |
| Height         | 68.00 mm   |
| Product weight | 1350.00 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              | -35...+50 °C               |
| Temperature range at storage           | -40...+70 °C               |
| Type of connection                     | Screwless terminal, 3-Pole |
| Type of protection                     | IP66                       |
| 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  | 50000 h <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 35000 h <sup>1)</sup> |
| Lifespan L90/B10 at 25 °C  | 20000 h               |
| Number of switching cycles | 100000                |

<sup>1)</sup> 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 | 555 mA |
|----------------|--------|

### Certificates & Standards

|                                                      |                                      |
|------------------------------------------------------|--------------------------------------|
| Standards                                            | CE / CB / TÜV SÜD / EAC / RoHS / EPD |
| Luminaire with limited surface temperature, "D sign" | Yes                                  |
| Ball shot safe                                       | No                                   |
| EPD                                                  | LEDV-00003-V01.01-EN                 |

### 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 |
|    | PEP Ecopassport                 |
| Photometric and lighting design files                                               |                                 |
|    | IES file (IES)                  |
|    | LDT file (Eulumdat)             |
|  | ULD file (DIALux)               |
|  | ROLF file (RELUX)               |
|  | UGR file (UGR table)            |
|  | LDC typ cone                    |
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| CAD/BIM files                                                                       |                                 |
|  | BIM_Revit_3D                    |
|  | CAD_STEP_3D                     |

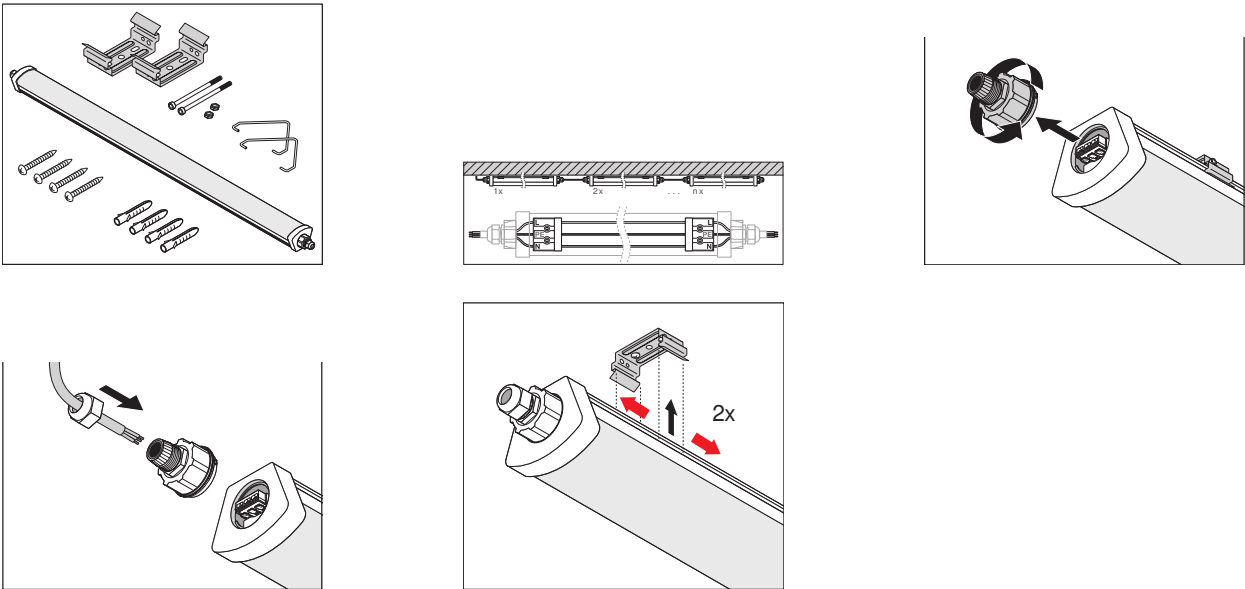
LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4058075424265 | Folding box<br>1             | 72 mm x 1,619 mm x 90 mm             | 1540.00 g    | 10.49 dm³ |

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4058075424272 | Shipping box<br>6            | 1,640 mm x 200 mm x 240 mm           | 9855.00 g    | 78.72 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.

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.