

# PRODUCT DATASHEET

## DP COMPACT 1200 44 W 4000K 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

- Uniform light distribution
- 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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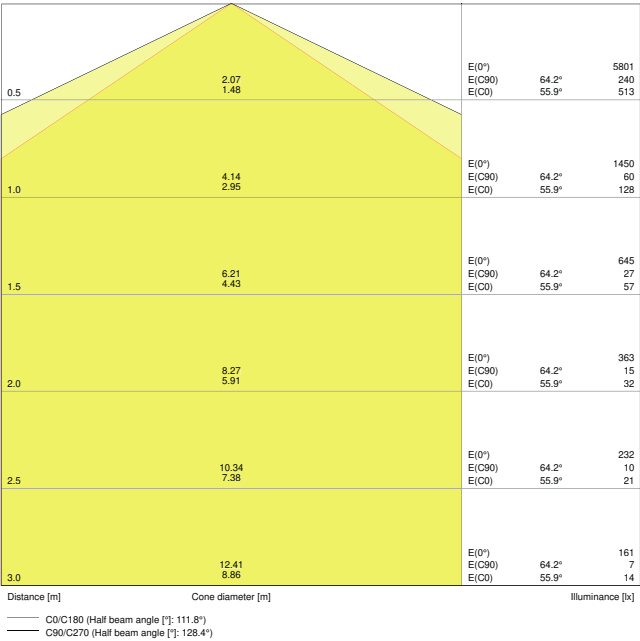
## TECHNICAL DATA

### Electrical data

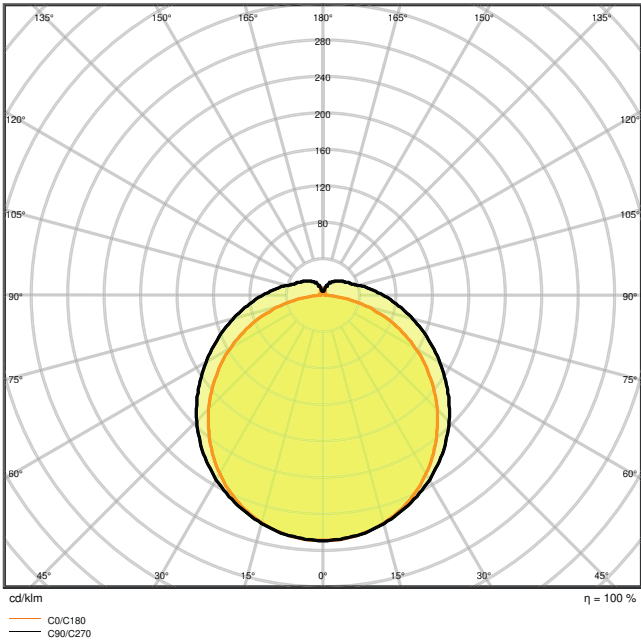
|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Nominal wattage                                             | 44.00 W               |
| Nominal voltage                                             | 220...240 V           |
| Mains frequency                                             | 50...60 Hz            |
| Nominal current                                             | 240 mA                |
| Inrush current                                              | 12 A                  |
| Inrush current time $T_{h50}$                               | 170 $\mu$ 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                                   | 20 %                  |
| Protection class                                            | II                    |
| Operating mode                                              | Integrated LED driver |

### Photometrical data

|                                              |                           |
|----------------------------------------------|---------------------------|
| Luminous flux                                | 5400 lm                   |
| Luminous efficacy                            | 120 lm/W                  |
| Color temperature                            | 4000 K                    |
| Light color (designation)                    | Cool 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 °                     |



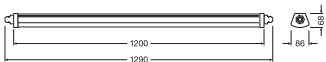
DP Compact 1200 44W 4000K GR IP66



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Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1290.00 mm |
| Width          | 86.00 mm   |
| Height         | 68.00 mm   |
| Product weight | 1160.00 g  |



Dampproof Compact 1200 IP65

Materials & Colors

|                                 |                    |
|---------------------------------|--------------------|
| Product color                   | Gray               |
| Housing color                   | Gray               |
| RAL Color (most similar)        | RAL 7045           |
| 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                     |
| With light source                      | Yes                        |
| Replaceable light source               | No                         |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 50000 h <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 35000 h <sup>1)</sup> |
| Lifespan L80/B50 at 25 °C  | 35000 h               |
| 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                 |
| Replaceable light source (EPREL)                     | Not replaceable                      |

### EQUIPMENT / ACCESSORIES

– Stainless steel clamps with safety screws included

- Mounting accessories included (suspension kit, theft protection kit)

### Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

### DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                        |
|------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------|
|    | User instruction / safety instructions | UI_DP COMPACT                        |
|    | Legal information                      | LS Insert DP COMPACT                 |
|    | Legal information                      | Informationstext 18 Abs 4 ElektroG   |
|    | Declarations of conformity             | EC Declaration of Damp Proof Compact |
|  | Declarations of conformity UKCA        | DP Compact 1200 GR IP66              |
|  | EPD                                    | EPD EN DAMP PROOF COMPACT GEN 1      |
| Photometric and lighting design files                                              |                                        | Document name                        |
|  | IES file (IES)                         | DP Compact 1200 44W 4000K GR IP66    |
|  | LDT file (Eulumdat)                    | DP Compact 1200 44W 4000K GR IP66    |
|  | ULD file (DIALux)                      | DP COMPACT 1200 44W 4000K GR IP66    |
|  | ROLF file (RELUX)                      | DP COMPACT 1200 44W 4000K IP66 GR    |
|  | UGR file (UGR table)                   | DP Compact 1200 44W 4000K GR IP66    |
|  | Light distribution curve type cone     | DP Compact 1200 44W 4000K GR IP66    |
|  | Light distribution curve type polar    | DP Compact 1200 44W 4000K GR IP66    |

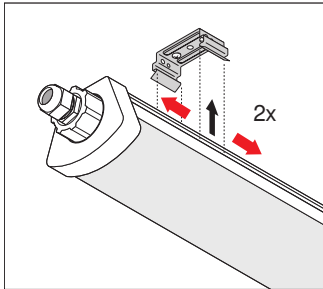
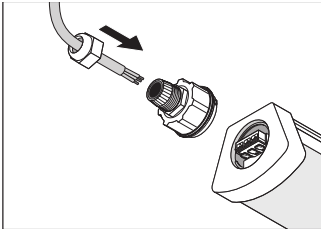
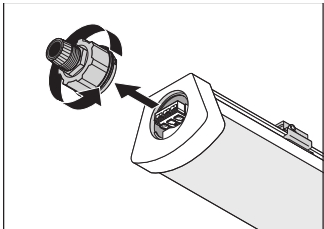
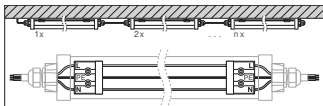
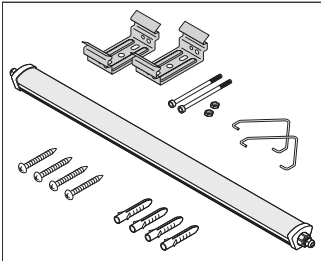
| CAD/BIM files                                                                     |                  | Document name                                      |
|-----------------------------------------------------------------------------------|------------------|----------------------------------------------------|
|  | BIM Revit 3D     | Damp Proof Compact G1                              |
|  | CAD STEP 3D      | DP COMP 1200                                       |
| Tender texts                                                                      |                  | Document name                                      |
|  | Tender documents | DAMP PROOF COMPACT IP66 1200 44 W 4000K IP66 GR-EN |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075210042 | Folding box<br>1             | 72 mm x 1,319 mm x 90 mm             | 1310.00 g    | 8.55 dm <sup>3</sup>  |
| 4058075210059 | Shipping box<br>6            | 1,340 mm x 200 mm x 240 mm           | 8380.00 g    | 64.32 dm <sup>3</sup> |

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)

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## DISCLAIMER

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