

# PRODUCT DATASHEET

## DP COMPACT 1200 23 W 4000K IP65 GR

DAMP PROOF COMPACT IP65 | Damp-proof luminaire, through-wired (L, N)

### 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: IP65
- Beam angle: 120°
- Through-wired (L, N)





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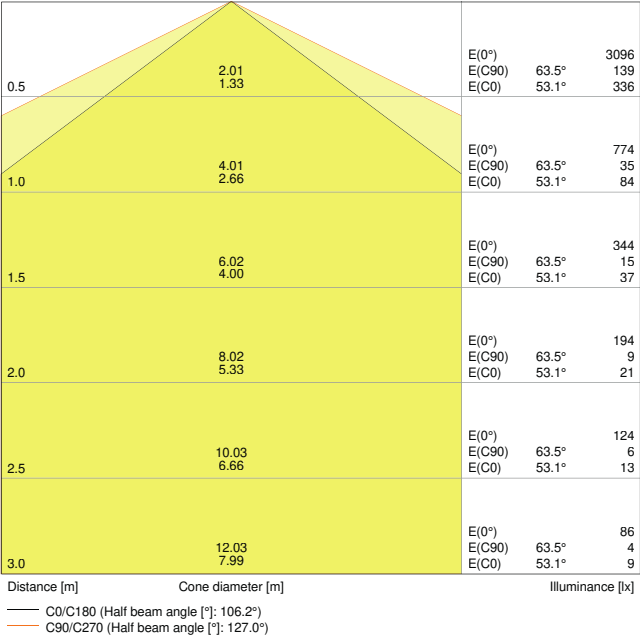
## TECHNICAL DATA

### Electrical data

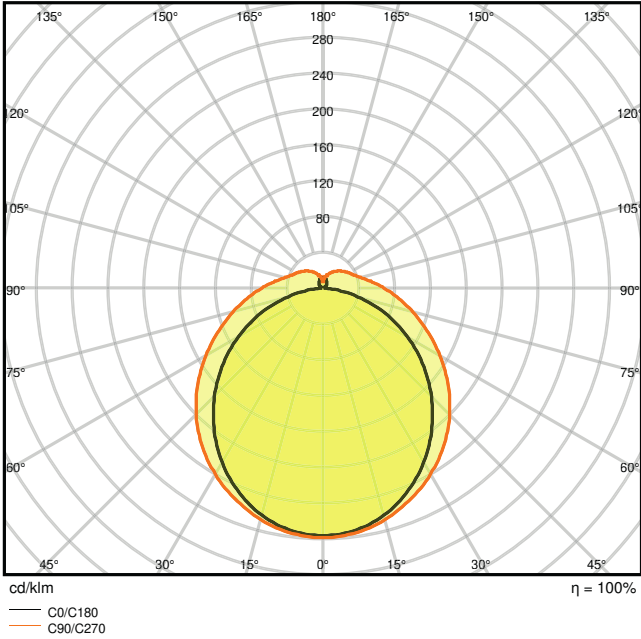
|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Nominal wattage                                             | 23.00 W               |
| Nominal voltage                                             | 220...240 V           |
| Mains frequency                                             | 50...60 Hz            |
| Nominal current                                             | 110 mA                |
| Inrush current                                              | 13.2 A                |
| Inrush current time $T_{h50}$                               | 111 $\mu$ s           |
| Max. number of luminaires per miniature circuit breaker B16 | 38                    |
| Max. number of luminaires per miniature circuit breaker C10 | 35                    |
| Max. number of luminaires per miniature circuit breaker C16 | 56                    |
| Power factor $\lambda$                                      | > 0.90                |
| Total harmonic distortion                                   | 20 %                  |
| Protection class                                            | II                    |
| Operating mode                                              | Integrated LED driver |

### Photometrical data

|                                              |                           |
|----------------------------------------------|---------------------------|
| Luminous flux                                | 2800 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> |
| Photobiological safety group acc. to EN62778 | RG0                       |
| Beam angle                                   | 120 °                     |



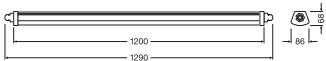
4058075062085 DP Compact 1200 23W 4000K IP65  
IK08 GR



4058075062085 DP Compact 1200 23W 4000K IP65  
IK08 GR

Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1290.00 mm |
| Width          | 86.00 mm   |
| Height         | 68.00 mm   |
| Product weight | 1120.00 g  |



Dampproof Compact 1200 IP65

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                     | IP65                       |
| Protection class IK (shock resistance) | IK08                       |
| Dimmable                               | No                         |
| Mounting type                          | Suspended/Surface          |
| Mounting location                      | Ceiling / Wall             |
| Application environment                | Indoor                     |
| 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 | 175 mA |
|----------------|--------|

### Certificates & Standards

|                                                      |                                |
|------------------------------------------------------|--------------------------------|
| Standards                                            | CE / CB / TÜV SÜD / EAC / RoHS |
| Luminaire with limited surface temperature, "D sign" | Yes                            |
| Ball shot safe                                       | No                             |
| Replaceable light source (EPREL)                     | Not replaceable                |

### EQUIPMENT / ACCESSORIES

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

## DOWNLOAD DATA

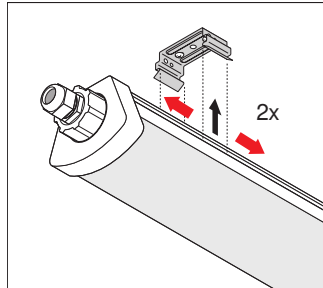
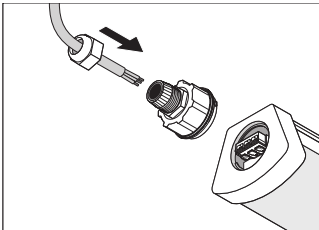
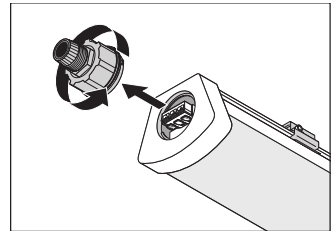
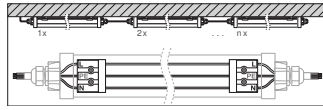
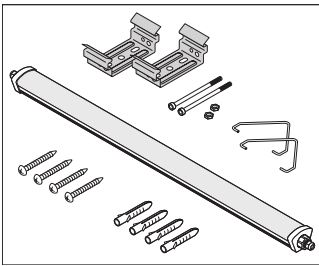
| Documents and certificates                                                         |                                        | Document name                                        |
|------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------|
|    | User instruction / safety instructions | User Instruction DampProof Compact IP66              |
|    | User instruction / safety instructions | User Instruction DampProof Compact                   |
|    | On-Pack-Info                           | Legal Insert DAMP PROOF LED COMPACT                  |
|    | Declarations of conformity             | EC Declaration of Damp Proof Compact                 |
| Photometric and lighting design files                                              |                                        | Document name                                        |
|    | IES file (IES)                         | DP Compact 1200 23W 4000K IP65 IK08 GR               |
|    | LDT file (Eulumdat)                    | DP Compact 1200 23W 4000K IP65 IK08 GR               |
|    | ULD file (DIALux)                      | DAMPPROOFCOMPACT120023W4000KIP65GY                   |
|  | UGR file (UGR table)                   | 4058075062085 DP Compact 1200 23W 4000K IP65 IK08 GR |
|  | Light distribution curve type cone     | 4058075062085 DP Compact 1200 23W 4000K IP65 IK08 GR |
|  | Light distribution curve type polar    | 4058075062085 DP Compact 1200 23W 4000K IP65 IK08 GR |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075062085 | Folding box<br>1             | 72 mm x 1,319 mm x 90 mm             | 1270.00 g    | 8.55 dm <sup>3</sup>  |
| 4058075062092 | Shipping box<br>6            | 1,340 mm x 200 mm x 240 mm           | 8140.00 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



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### References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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