

# PRODUCT DATASHEET

## DP 1500 55 W 6500K IP65 GY

DAMP PROOF | Damp-proof luminaires, classic shape

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### Areas of application

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



PERFOR-  
MANCE  
CLASS

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### Product benefits

- Uniform light and wide beam angle
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- Easy installation, no tools required for connection
- 5 years guarantee

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### Product features

- Luminous efficacy: 115 lm/W
- Type of protection: IP65
- Through wiring possible



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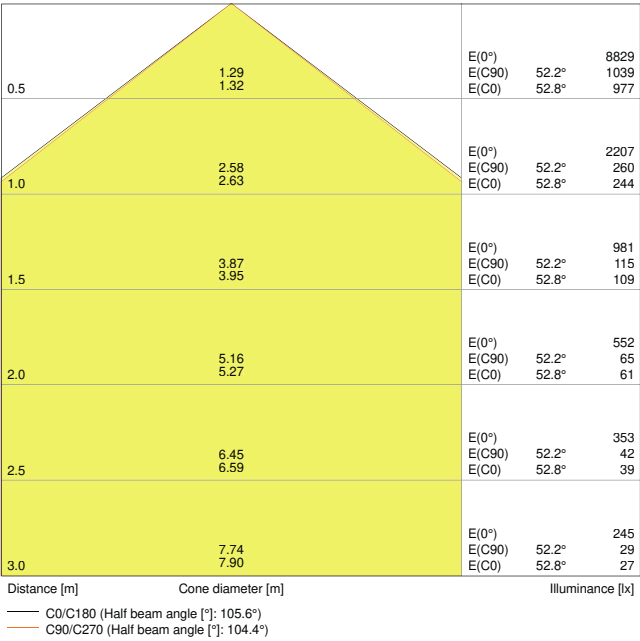
## TECHNICAL DATA

### Electrical data

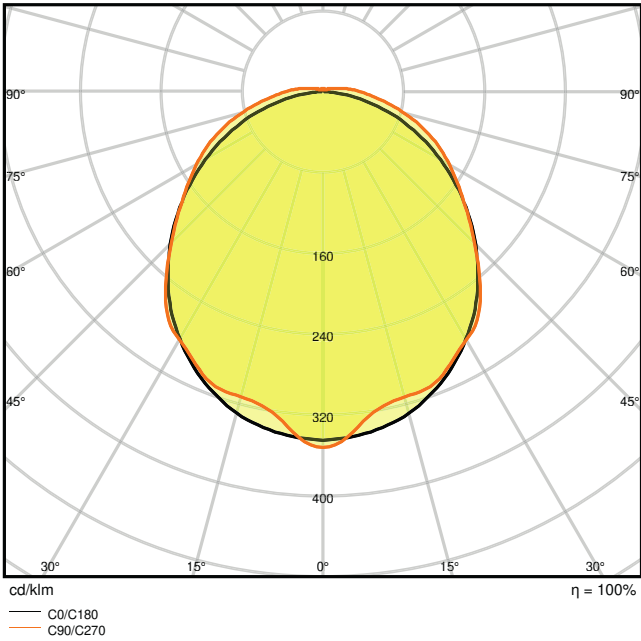
|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Nominal wattage                                             | 55.00 W               |
| Nominal voltage                                             | 220...240 V           |
| Mains frequency                                             | 50/60 Hz              |
| Nominal current                                             | 239 mA                |
| Inrush current                                              | 9 A                   |
| Inrush current time $T_{h50}$                               | 300 $\mu$ s           |
| Max. number of luminaires per miniature circuit breaker B16 | 25                    |
| Max. number of luminaires per miniature circuit breaker C10 | 25                    |
| Max. number of luminaires per miniature circuit breaker C16 | 40                    |
| Power factor $\lambda$                                      | > 0.90                |
| Total harmonic distortion                                   | < 20 %                |
| Protection class                                            | I                     |
| Operating mode                                              | Integrated LED driver |

### Photometrical data

|                                              |                           |
|----------------------------------------------|---------------------------|
| Luminous flux                                | 6400 lm                   |
| Luminous efficacy                            | 115 lm/W                  |
| Color temperature                            | 6500 K                    |
| Light color (designation)                    | Cool Daylight             |
| 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                                   | 105 °                     |



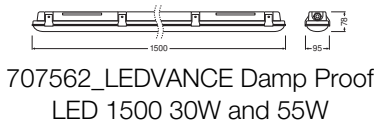
4058075000889 DampProofLED 1500 55W 6500K IP65



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Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1500.00 mm |
| Width          | 95.00 mm   |
| Height         | 78.00 mm   |
| Product weight | 2300.00 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              | -30...+40 °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 | 25000                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Certificates & Standards

|                                                      |                                |
|------------------------------------------------------|--------------------------------|
| Standards                                            | CE / CB / 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                                                                                                | Document name       |
|---------------------------------------------------------------------------------------------------------------------------|---------------------|
|  User instruction / safety instructions | DAMP PROOF LED IP65 |

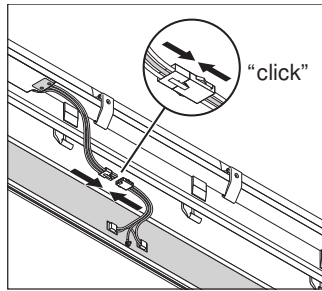
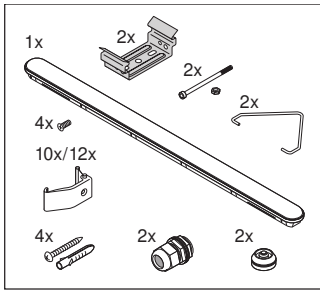
| Documents and certificates                                                          |                                     | Document name                                  |
|-------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------|
|    | On-Pack-Info                        | Legal Insert DAMP PROOF LED                    |
|    | On-Pack-Info                        | Legal Insert DAMP PROOF LED                    |
|    | Certificates                        | CE Certificate for DampProof                   |
|    | Certificates                        | EC declararion Damp Proof                      |
| Photometric and lighting design files                                               |                                     | Document name                                  |
|    | IES file (IES)                      | DampProofLED 1500 55W 6500K IP65               |
|    | LDT file (Eulumdat)                 | DampProofLED 1500 55W 6500K IP65               |
|    | ULD file (DIALux)                   | LEDVANCEDAMPPROOFLED150055W6500KIP65GY         |
|   | UGR file (UGR table)                | 4058075000889 DampProofLED 1500 55W 6500K IP65 |
|  | Light distribution curve type cone  | 4058075000889 DampProofLED 1500 55W 6500K IP65 |
|  | Light distribution curve type polar | 4058075000889 DampProofLED 1500 55W 6500K IP65 |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075079878 | Folding box<br>1             | 1,505 mm x 102 mm x 84 mm            | 2528.00 g    | 12.89 dm <sup>3</sup> |
| 4058075079885 | Shipping box<br>6            | 1,525 mm x 333 mm x 192 mm           | 16355.00 g   | 97.50 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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### DISCLAIMER

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