

# PRODUCT DATASHEET

## DP HOUSING EM 1500 P 1XLAMP IP65

DAMP PROOF HOUSING EMERGENCY | Damp-proof luminaire for emergency lighting application



### Areas of application

- Parking lots, warehouses, production areas
- Emergency lighting for single battery systems
- Dimmable installations
- Car parks and underpasses
- Garages

### Product benefits

- Easy and quick installation
- Prewired for easy installation of LED TUBE T8 EXTERNAL SYSTEM
- Toolless installation
- Robust housing
- Sustainable solution thanks to exchangeable light sources
- 5 years guarantee

### Product features

- Luminaire housing, available for 1 or 2 T8 LED tubes
- Dimmable EXTERNAL SYSTEM Driver, Emergency unit and Battery are already installed
- Suitable for LEDVANCE LED TUBE T8 EXTERNAL SYSTEM
- DALI 2.0 interface for light management system integration
- Integrated electrical fuse
- Type of protection: IP65



TECHNICAL DATA

Electrical data

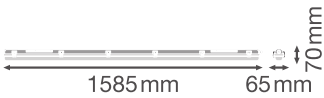
|                   |                       |
|-------------------|-----------------------|
| Nominal voltage   | 220...240 V           |
| Mains frequency   | 50...60 Hz            |
| Protection class  | I                     |
| Operating mode    | Integrated LED driver |
| Dimming interface | DALI-2                |

Photometrical data

|                                 |       |
|---------------------------------|-------|
| Flickering metric (Pst LM)      | < 1   |
| Stroboscope effect metric (SVM) | < 0.4 |

Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1585.00 mm |
| Width          | 65.00 mm   |
| Height         | 70.00 mm   |
| Product weight | 1407.00 g  |



DP HOUSING 1500 P 1XLAMP  
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              | +5...+40 °C                                     |
| Temperature range at storage           | -20...+80 °C                                    |
| Type of connection                     | Screwless terminal, 5-Pole (L, N, PE, DA+, DA-) |
| Type of protection                     | IP65                                            |
| Protection class IK (shock resistance) | IK08                                            |
| Dimmable                               | Yes                                             |
| Type of dimming                        | DALI2                                           |
| Mounting type                          | Surface                                         |
| Mounting location                      | Ceiling                                         |
| Application environment                | Indoor                                          |
| With light source                      | No                                              |
| Replaceable light source               | No                                              |
| Holder designation                     | G13                                             |

### Control gear

|                             |       |
|-----------------------------|-------|
| ECG - Output ripple current | ≤ 5 % |
|-----------------------------|-------|

### BATTERY

|                            |         |
|----------------------------|---------|
| Type of Battery            | LiFePO4 |
| Battery size [GMS]         | Others  |
| Nominal voltage of battery | 3.2 V   |
| Battery charging time      | >12 h   |

### Emergency lighting

|                                           |                                             |
|-------------------------------------------|---------------------------------------------|
| Area of emergency application             | Anti-panic lighting / Escape route lighting |
| Type of emergency light operation         | Maintained                                  |
| Type of emergency operation test          | Automatic                                   |
| Wattage in emergency operation mode       | 3,0 W                                       |
| Luminous flux in emergency operation mode | 330 lm                                      |
| Battery life in emergency operation mode  | 3 h                                         |

### Certificates & Standards

|           |                                 |
|-----------|---------------------------------|
| Standards | CE / TÜV Rheinland / EAC / UKCA |
|-----------|---------------------------------|

|                                                      |    |
|------------------------------------------------------|----|
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe                                       | No |

### Additional product data

|                |                                                                                                                 |
|----------------|-----------------------------------------------------------------------------------------------------------------|
| Product remark | When used in very cold applications as in cold storage, a special membrane might be required to ensure lifetime |
|----------------|-----------------------------------------------------------------------------------------------------------------|

### EQUIPMENT / ACCESSORIES

– Stainless steel clamps and M20 cable gland included

### DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                      |
|------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|
|    | User instruction / safety instructions | UI DP HOUSING EM                   |
|    | Legal information                      | LI DP HOUSING EM                   |
|   | Legal information                      | Informationstext 18 Abs 4 ElektroG |
|  | Declarations of conformity             | CE Declaration DP HOUSING EM       |
|  | Declarations of conformity UKCA        | UKCA Declaration DP HOUSING EM     |

| CAD/BIM files                                                                      |              | Document name         |
|------------------------------------------------------------------------------------|--------------|-----------------------|
|  | BIM Revit 3D | Damp Proof Housing G3 |
|  | CAD STEP 3D  | DP HOUSING G3 1 1500  |

| Tender texts                                                                       |                  | Document name                                      |
|------------------------------------------------------------------------------------|------------------|----------------------------------------------------|
|  | Tender documents | DAMP PROOF HOUSING EMERGENCY 1500 P 1XLAMP IP65-EN |

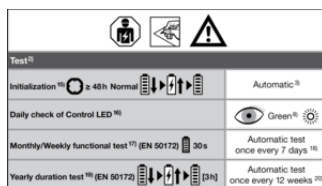
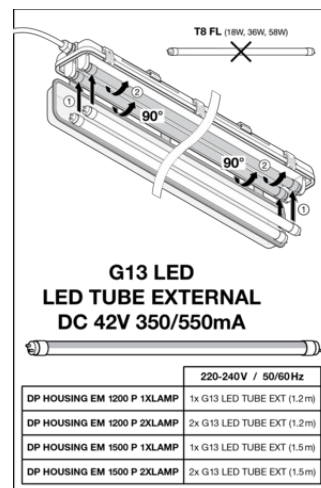
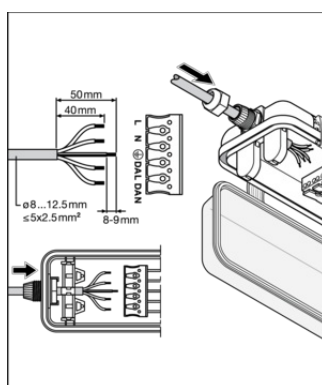
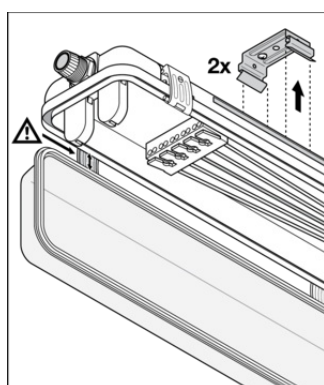
### LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|--------------|------------------------------|--------------------------------------|--------------|--------|
|--------------|------------------------------|--------------------------------------|--------------|--------|

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854148927 | Folding box<br>1             | 1,572 mm x 68 mm x 75 mm             | 1572.00 g    | 8.02 dm <sup>3</sup>  |
| 4099854148934 | Shipping box<br>6            | 1,592 mm x 216 mm x 162 mm           | 10442.00 g   | 55.71 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)

## DISCLAIMER

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