

# PRODUCT DATASHEET

## LED PERFORMANCE DP 1200 18W 840 EM

LED PERFORMANCE DAMPPROOF EMERGENCY | Damp-proof luminaires



### Areas of application

- Industrial and storage facilities
- Car parks and underpasses
- Garages
- Workshops, assembly lines
- Warehouses
- Humid and dirty application areas

### Product benefits

- UV-stabilized polycarbonate opal diffuser for uniform light distribution and long durability
- Polycarbonate body and diffuser offers IK08 impact protection
- Sleek and lightweight slim body design, compact but powerful
- Low maintenance costs thanks to long lifetime

### Product features

- Available in six wattages and lumen packages
- Available in 3 length options, ensuring direct replacement of traditional 2-4-5 feet fluorescent dampproof fixtures
- High system lumen efficacy: 130lm/W
- Color rendering index  $R_a$ : > 80
- Available with color temperature: 4,000 K, 6,500 K
- Anti-corrosion stainless steel clips
- Type of protection: IP65
- Impact resistance: IK08
- Certificate: CB, EMC, ROHS2.0



- DALI version and self-contained emergency versions are available within the same family

## TECHNICAL DATA

### Electrical data

|                           |                       |
|---------------------------|-----------------------|
| Nominal wattage           | 18.00 W               |
| Nominal voltage           | 220...240 V           |
| Mains frequency           | 50...60 Hz            |
| Total harmonic distortion | ≤ 20 %                |
| Protection class          | I                     |
| Operating mode            | Integrated LED driver |

### Photometrical data

|  |            |
|--|------------|
| Luminous flux                                | 2000 lm    |
| Luminous efficacy                            | 111 lm/W   |
| Color temperature                            | 4000 K     |
| Light color (designation)                    | Cool White |
| Color rendering index Ra                     | > 80       |
| Standard deviation of color matching         | < 5 sdcm   |
| Photobiological safety group acc. to EN62778 | RG0        |
| Beam angle                                   | 120 °      |

### Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1199.00 mm |
| Width          | 77.00 mm   |
| Height         | 68.00 mm   |
| Product weight | 1582.00 g  |

### Materials & Colors

|                 |                    |
|-----------------|--------------------|
| Product color   | Gray               |
| Housing color   | Gray               |
| Body material   | Polycarbonate (PC) |
| Cover material  | Polycarbonate (PC) |
| Mercury content | 0.0 mg             |

### Application & Mounting

|  |                             |
|--|-----------------------------|
| Type of connection                     | Terminal, 3-Pole (L, N, PE) |
| 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                |


## BATTERY


|                    |       |
|--------------------|-------|
| Battery size [GMS] | 18650 |
|--------------------|-------|

## Certificates & Standards

|                                  |                 |
|----------------------------------|-----------------|
| Standards                        | CB / ROHS / EMC |
| Replaceable light source (EPREL) | Not replaceable |

## DOWNLOAD DATA

| Documents and certificates  | Document name            |
|---|--------------------------|
|  User instruction / safety instructions | LDPFM DP 1200_1500 EM G3 |

| Photometric and lighting design files   | Document name               |
|---|-----------------------------|
|  IES file (IES) | LDPFM DP 1200 18W 840 EM G3 |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075587656 | Folding box<br>1             | 72 mm x 82 mm x 1,205 mm             | 1600.00 g    | 7.11 dm <sup>3</sup>  |
| 4058075587663 | Shipping box<br>10           | 1,221 mm x 163 mm x 440 mm           | 16916.00 g   | 87.57 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.

## DISCLAIMER

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