

# PRODUCT DATASHEET

## DP DALI 1500 46W 865 IP65 GY

DAMP PROOF DALI | Damp-proof luminaires, classic shape, with DALI interface



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### Areas of application

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

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### Product benefits

- High compatibility thanks to DALI-2 certification
- Premium driver with up to 100,000 h lifetime
- Driver suitable for Emergency escape lighting systems acc. to EN 50172
- Driver configuration and dimming possible via mains
- Low flicker  $\leq 3\%$
- 5 years guarantee

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### Product features

- High luminous efficacy: up to 139 lm/W
- Type of protection: IP65
- Beam angle: 110°



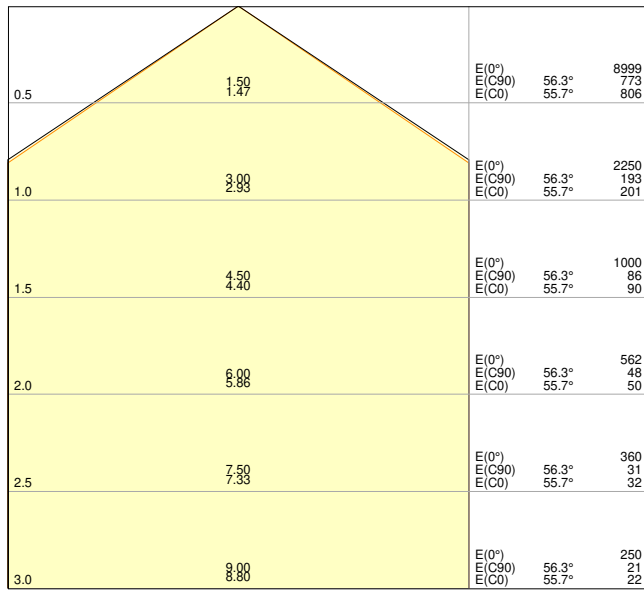
## TECHNICAL DATA

### Electrical data

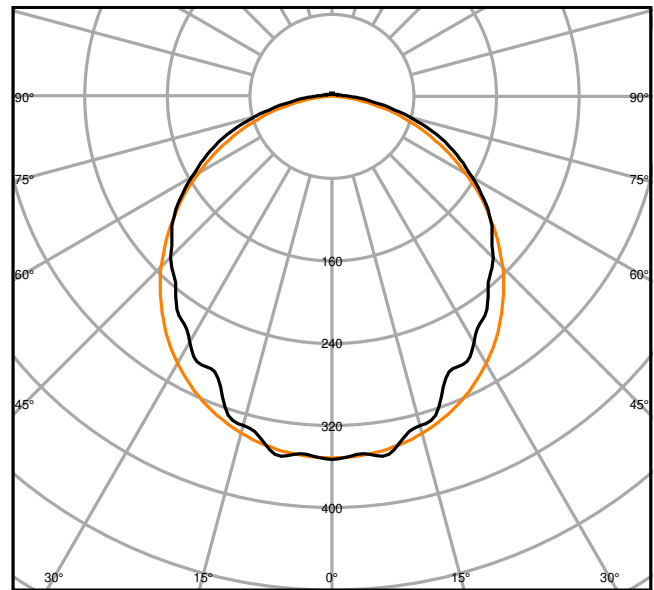
|   |                       |
|---|-----------------------|
| Nominal wattage   | 46.00 W               |
| Nominal voltage   | 220...240 V           |
| Nominal current   | 215 mA                |
| Inrush current  | 29 A                  |
| Inrush current time $T_{h50}$                               | 180 $\mu$ s           |
| Max. number of luminaires per miniature circuit breaker B16 | 13                    |
| Max. number of luminaires per miniature circuit breaker C10 | 21                    |
| Max. number of luminaires per miniature circuit breaker C16 | 36                    |
| 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                            | 139 lm/W           |
| Color temperature                            | 6500 K             |
| Light color (designation)                    | Cool Daylight      |
| Color rendering index Ra                     | > 80               |
| Standard deviation of color matching         | 4 sdc <sub>m</sub> |
| Low flicker                                  | Yes                |
| Flickering metric (Pst LM)                   | $\leq 1$           |
| Stroboscope effect metric (SVM)              | $\leq 0.4$         |
| Photobiological safety group acc. to EN62778 | RG0                |
| Beam angle                                   | 110 °              |



LDC typ cone



LDC typ polar

Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1500.00 mm |
| Width          | 82.00 mm   |
| Height         | 68.00 mm   |
| Product weight | 1740.00 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              | -25...+40 °C               |
| Temperature range at storage           | -25...+80 °C               |
| Type of connection                     | Screwless terminal, 5-Pole |
| Type of protection                     | IP65                       |
| Protection class IK (shock resistance) | IK08                       |
| Dimmable                               | Yes                        |
| Type of dimming                        | DALI                       |
| Mounting type                          | Suspended/Surface          |
| Mounting location                      | Ceiling / Wall             |
| Application environment                | Indoor                     |
| LED module replaceable                 | Not replaceable            |
| With light source                      | Yes                        |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 70000 h <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 50000 h <sup>1)</sup> |
| Lifespan L90/B10 at 25 °C  | 34000 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

|                      |        |
|----------------------|--------|
| ECG - Output voltage | 120 V  |
| Output current       | 360 mA |

### Certificates & Standards

















|  |                                       |
|--|---------------------------------------|
| Standards  | CE / CB / ENEC / 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  |                                 |
|---|---------------------------------|
|     | User instruction                |
|     | Addon Technical Information     |
|     | Packaging insert                |
|     | Declarations Of Conformity CE   |
|     | Declarations Of Conformity UKCA |
|     | Certificates                    |
| Photometric and lighting design files   |                                 |
|  | IES file (IES)                  |
|  | LDT file (Eulumdat)             |
|  | ULD file (DIALux)               |
|  | ROLF file (RELUX)               |
|  | UGR file (UGR table)            |
|  | LDC typ cone                    |
|  | LDC typ polar                   |
| CAD/BIM files   |                                 |
|   | BIM_Revit_3D                    |
|   | CAD_STEP_3D                     |
| Tender texts  |                                 |
|  | Tender documents                |

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## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075541825 | Folding box<br>1             | 1,512 mm x 87 mm x 74 mm             | 1775.00 g    | 9.73 dm <sup>3</sup>  |
| 4058075541832 | Shipping box<br>6            | 1,532 mm x 191 mm x 245 mm           | 11881.00 g   | 71.69 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.

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## References / Links

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

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