

**NEW**

MORE POWER, MORE EFFICIENCY, MORE LIGHT QUALITY

# LEDVANCE DAMP PROOF GEN 2

MARCH 2021

LEDVANCE.COM



**LEDVANCE**



# A FLEXIBLE DAMP PROOF LUMINAIRE FOR MANY VERSATILE APPLICATIONS

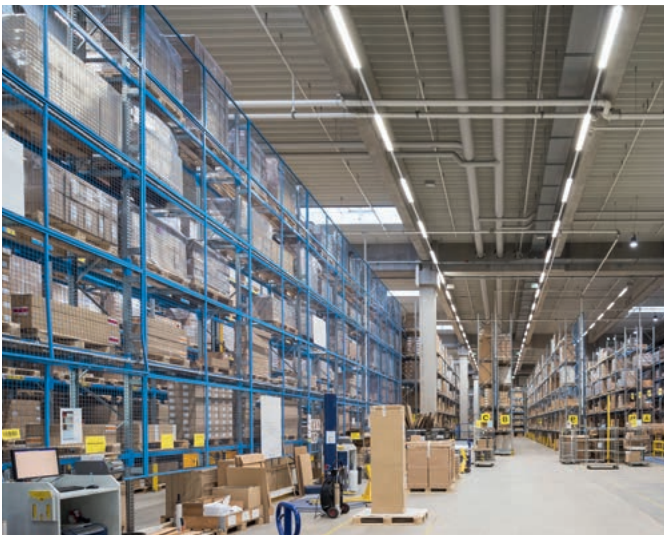
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## FACTORIES & WAREHOUSES

High ceilings of up to nine meters, dust and moisture, and a lack of daylight are challenges that luminaires need to overcome in factories and warehouses. And especially in high-bay warehouses, vertical illumination is extremely important so that labels on shelves and goods can be read quickly and without mistakes. With their luminous fluxes of up to 11 000 lm, the new DAMP PROOF fixtures are ideal for this task.

## CAR PARKS (INDOORS)

Lighting is crucial for both orientation and vehicle safety in car parks. And keeping illumination at a high level deters criminal activity. However, long operating times also require maximum energy efficiency and long maintenance intervals. DAMP PROOF GEN 2 ticks all these boxes, offering an efficiency of up to 135 lm/W and a lifetime of up to 70 000 hours.





THE CLASSIC DAMP-PROOF LUMINAIRE FROM LEDVANCE COMES IN 2 LENGTHS, 1.2 AND 1.5 METRES AND IN MANY DIFFERENT VERSIONS OFFERING EXCELLENT LUMINOUS EFFICACY IN A ROBUST (IK08) AND WATER-RESISTANT (IP65) POLYCARBONATE HOUSING. THE EXTENSIVE MOUNTING AND SUSPENSION ACCESSORIES INCLUDED ALLOW FLEXIBLE INSTALLATION IN VIRTUALLY ANY STANDARD APPLICATION.

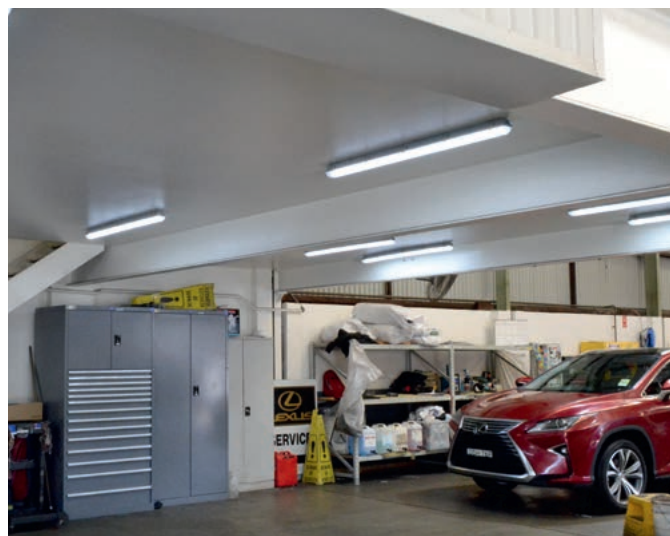
#### **DAMP PROOF AS EMERGENCY LIGHTING**

LEDVANCE DAMP PROOFs are also available as single-battery emergency luminaires.

For more information see the LEDVANCE luminaire catalog on our website: [www.ledvance.com/professional](http://www.ledvance.com/professional)

## WORKSHOPS

No matter whether they are exposed to dust, vapor or humidity, the robust DAMP PROOF luminaires from LEDVANCE are in their element in workshops. Because thanks to IP65 protection, they work reliably even under adverse ambient conditions and are also shock-proof because of their IK08 protection. You can rely on these tough luminaires.



## ASSEMBLY LINES

Hours of accurate work have to be carried out at assembly lines, often without natural daylight. So the quality of light plays a crucial role. With their low flicker rate of less than 10 % and their high color consistency of SDMC < 4, the DAMP PROOF GEN 2 fixtures are also extremely convincing in this respect. This enables employees to safely work for hours without getting tired.



# THE NEXT GENERATION EVEN MORE VERSATILE, EVEN MORE ECONOMICAL

MORE POWER, MORE EFFICIENCY AND BETTER QUALITY OF LIGHT –  
DAMP PROOF GEN 2 HAS IT ALL.

The new generation of the LEDVANCE DAMP PROOF luminaires speaks for itself. Its energy efficiency has been increased to up to 135 lm/W. There are now versions with luminous fluxes of 8 000 lm and even 11 000 lm for applications with very high ceilings. And there are more light colors to choose from, with warm 3000 K added to the existing 4000 K and 6500 K. Last but not least, the quality of light has also noticeably improved. The flicker rate is now below 10 % and color consistency at 4 SDCM.

## DAMP PROOF FAMILY FEATURES

- Robust and well protected (IK08 and IP65)
- Quick and easy installation thanks to stainless steel mounting clips and tool-free wiring
- No electrostatic discharge risk since the LED module is integrated in the cover
- Suspension and anti-theft kits included
- Flexible thanks to versatile mounting accessories
- 5-year guarantee (3 years for emergency version)

## NOW IN VERSATILE VERSIONS

- Standard on/off
- DALI 2.0
- Through-wiring
- Emergency luminaire (with automatic testing) incl. 3-hour LiFePO4 battery
- Coming soon: with sensor

## OLD VS NEW – IMPROVEMENTS AT A GLANCE

| OLD – DP GEN. 1 | NEW – DP GEN. 2                       |                                                                                     | NEW BENEFITS                                                         |
|-----------------|---------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| 115 lm/W        | Increased efficacy of up to 135 lm/W  |  | Increased energy savings                                             |
| Up to 6 400 lm  | Up to 8 000 lm + 11 000 lm            |  | Higher luminous flux versions for ceiling heights between 8–9 meters |
| 4 000 K/6 500 K | 3 000 K/4 000 K/6 500 K               |  | New light color                                                      |
| 50 000 h @ L70  | 50 000 h L80 @ 25 °C/<br>70 000 h L70 |  | Improved lifetime =<br>Lower maintenance costs                       |
| Flicker < 20 %  | Flicker < 10 %                        |  | Better quality of light                                              |
| 5 SDCM          | 4 SDCM                                |  | Improved color consistency                                           |



## EASY AND FLEXIBLE INSTALLATION

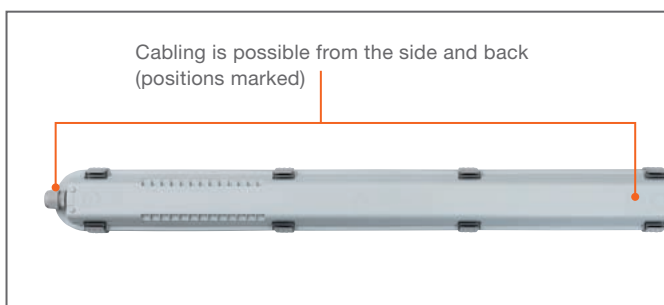
LEDVANCE DAMP PROOFs are very easy and quick to install. They offer such a large adjustment range for the mounting clips that existing mounting holes can often be reused.

The versatile mounting and suspension accessories included make mounting particularly flexible. And tool-free power connection and the quick-open stainless steel fasteners save you time and hassle.



Check out our Damp Proof product video and see for yourself!

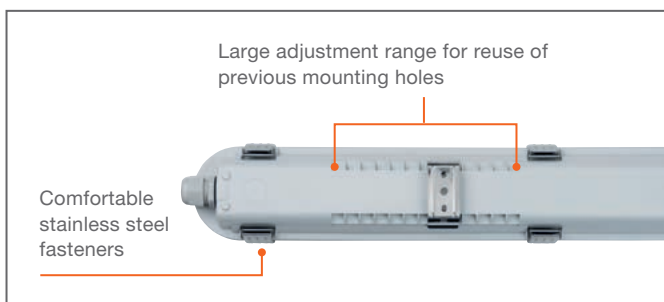
## PUTTING DAMP PROOF GEN 2 INTO OPERATION COULDN'T BE EASIER



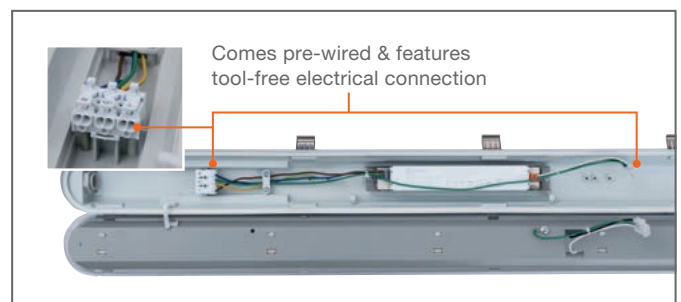
Flexible electrical installation through different positions for cabling



Extensive mounting accessories (included) for flexible application use



Ideal for quick and easy refurbishment projects



Time-saving installation and wiring thanks to tool-free electrical connection

# DAMP PROOF

Damp-proof luminaires



## DAMP PROOF ON/OFF + DALI

Damp-proof luminaires, classic shape



| Product name                 | Segmentation | GTIN (EAN)    | RE-<br>PLACE-<br>MENT<br>FOR | W  | lm     | lm/W | K    | L70 <sup>2</sup> | L80 <sup>2</sup> | °   |      |
|------------------------------|--------------|---------------|------------------------------|----|--------|------|------|------------------|------------------|-----|------|
| DP 1200 18W 840 IP65 GY      | ■            | 4058075541047 | 1 × 36W FL                   | 18 | 2400   | 135  | 4000 | 70 000           | 50 000           | 110 | —    |
| DP 1200 18W 865 IP65 GY      | ■            | 4058075541061 | 1 × 36W FL                   | 18 | 2400   | 135  | 6500 | 70 000           | 50 000           | 110 | —    |
| DP 1200 32W 830 IP65 GY      | ■            | 4058075541085 | 2 × 36W FL                   | 32 | 4000   | 125  | 3000 | 70 000           | 50 000           | 110 | —    |
| DP 1200 32W 840 IP65 GY      | ■            | 4058075541108 | 2 × 36W FL                   | 32 | 4400   | 135  | 4000 | 70 000           | 50 000           | 110 | —    |
| DP 1200 32W 865 IP65 GY      | ■            | 4058075541122 | 2 × 36W FL                   | 32 | 4400   | 135  | 6500 | 70 000           | 50 000           | 110 | —    |
| DP 1500 26W 840 IP65 GY      | ■            | 4058075541146 | 1 × 58W FL                   | 26 | 3500   | 135  | 4000 | 70 000           | 50 000           | 110 | —    |
| DP 1500 26W 865 IP65 GY      | ■            | 4058075541160 | 1 × 58W FL                   | 26 | 3500   | 115  | 6500 | 70 000           | 50 000           | 110 | —    |
| DP 1500 46W 830 IP65 GY      | ■            | 4058075541184 | 2 × 58W FL                   | 46 | 5750   | 125  | 3000 | 70 000           | 50 000           | 110 | —    |
| DP 1500 46W 840 IP65 GY      | ■            | 4058075541207 | 2 × 58W FL                   | 46 | 6400   | 135  | 4000 | 70 000           | 50 000           | 110 | —    |
| DP 1500 46W 865 IP65 GY      | ■            | 4058075541221 | 2 × 58W FL                   | 46 | 6400   | 135  | 6500 | 70 000           | 50 000           | 110 | —    |
| DP 1500 58W 840 IP65 GY      | ■            | 4058075541245 | 2 × 70W FL                   | 58 | 8000   | 135  | 4000 | 70 000           | 50 000           | 110 | —    |
| DP 1500 58W 865 IP65 GY      | ■            | 4058075541269 | 2 × 70W FL                   | 58 | 8000   | 135  | 6500 | 70 000           | 50 000           | 110 | —    |
| DP 1500 81W 840 IP65 GY      | ■            | 4058075541283 | 2 × 80W FL                   | 81 | 11 000 | 135  | 4000 | 70 000           | 50 000           | 110 | —    |
| DP 1500 81W 865 IP65 GY      | ■            | 4058075541306 | 2 × 80W FL                   | 81 | 11 000 | 135  | 6500 | 70 000           | 50 000           | 110 | —    |
| DP DALI 1200 18W 840 IP65 GY | ■            | 4058075541641 | 1 × 36W FL                   | 18 | 2400   | 135  | 4000 | 70 000           | 50 000           | 110 | DALI |
| DP DALI 1200 18W 865 IP65 GY | ■            | 4058075541665 | 1 × 36W FL                   | 18 | 2400   | 135  | 6500 | 70 000           | 50 000           | 110 | DALI |
| DP DALI 1200 32W 830 IP65 GY | ■            | 4058075541689 | 2 × 36W FL                   | 32 | 4000   | 125  | 3000 | 70 000           | 50 000           | 110 | DALI |
| DP DALI 1200 32W 840 IP65 GY | ■            | 4058075541702 | 2 × 36W FL                   | 32 | 4400   | 135  | 4000 | 70 000           | 50 000           | 110 | DALI |
| DP DALI 1200 32W 865 IP65 GY | ■            | 4058075541726 | 1 × 36W FL                   | 32 | 4000   | 125  | 6500 | 70 000           | 50 000           | 110 | DALI |
| DP DALI 1500 26W 840 IP65 GY | ■            | 4058075541740 | 1 × 58W FL                   | 26 | 3500   | 135  | 4000 | 70 000           | 50 000           | 110 | DALI |
| DP DALI 1500 26W 865 IP65 GY | ■            | 4058075541764 | 1 × 58W FL                   | 26 | 3500   | 135  | 6500 | 70 000           | 50 000           | 110 | DALI |
| DP DALI 1500 46W 830 IP65 GY | ■            | 4058075541788 | 2 × 58W FL                   | 46 | 5750   | 125  | 3000 | 70 000           | 50 000           | 110 | DALI |
| DP DALI 1500 46W 840 IP65 GY | ■            | 4058075541801 | 2 × 58W FL                   | 46 | 6400   | 135  | 4000 | 70 000           | 50 000           | 110 | DALI |
| DP DALI 1500 46W 865 IP65 GY | ■            | 4058075541825 | 2 × 58W FL                   | 46 | 6400   | 135  | 6500 | 70 000           | 50 000           | 110 | DALI |
| DP DALI 1500 58W 840 IP65 GY | ■            | 4058075541849 | 2 × 70W FL                   | 58 | 8000   | 135  | 4000 | 70 000           | 50 000           | 110 | DALI |
| DP DALI 1500 58W 865 IP65 GY | ■            | 4058075541863 | 2 × 70W FL                   | 58 | 8000   | 135  | 6500 | 70 000           | 50 000           | 110 | DALI |



| Product name                 | CRI | FLICKER<br>VALUE | IK   | g    | L × W × H [mm]<br>Ø × H [mm] |
|------------------------------|-----|------------------|------|------|------------------------------|
| DP 120 0 18W 840 IP65 GY     | >80 | <10 %            | IK08 | 1293 | 1200 × 82 × 68               |
| DP 1200 18W 865 IP65 GY      | >80 | <10 %            | IK08 | 1293 | 1200 × 82 × 68               |
| DP 1200 32W 830 IP65 GY      | >80 | <10 %            | IK08 | 1373 | 1200 × 82 × 68               |
| DP 1200 32W 840 IP65 GY      | >80 | <10 %            | IK08 | 1373 | 1200 × 82 × 68               |
| DP 1200 32W 865 IP65 GY      | >80 | <10 %            | IK08 | 1373 | 1200 × 82 × 68               |
| DP 1500 26W 840 IP65 GY      | >80 | <10 %            | IK08 | 1578 | 1500 × 82 × 68               |
| DP 1500 26W 865 IP65 GY      | >80 | <10 %            | IK08 | 1578 | 1500 × 82 × 68               |
| DP 1500 46W 830 IP65 GY      | >80 | <10 %            | IK08 | 1690 | 1500 × 82 × 68               |
| DP 1500 46W 840 IP65 GY      | >80 | <10 %            | IK08 | 1690 | 1500 × 82 × 68               |
| DP 1500 46W 865 IP65 GY      | >80 | <10 %            | IK08 | 1690 | 1500 × 82 × 68               |
| DP 1500 58W 840 IP65 GY      | >80 | <10 %            | IK08 | 1694 | 1500 × 82 × 68               |
| DP 1500 58W 865 IP65 GY      | >80 | <10 %            | IK08 | 1694 | 1500 × 82 × 68               |
| DP 1500 81W 840 IP65 GY      | >80 | <10 %            | IK08 | 1672 | 1500 × 82 × 68               |
| DP 1500 81W 865 IP65 GY      | >80 | <10 %            | IK08 | 1672 | 1500 × 82 × 68               |
| DP DALI 1200 18W 840 IP65 GY | >80 | <3 %             | IK08 | 1430 | 1200 × 82 × 68               |
| DP DALI 1200 18W 865 IP65 GY | >80 | <3 %             | IK08 | 1430 | 1200 × 82 × 68               |
| DP DALI 1200 32W 830 IP65 GY | >80 | <3 %             | IK08 | 1430 | 1200 × 82 × 68               |
| DP DALI 1200 32W 840 IP65 GY | >80 | <3 %             | IK08 | 1430 | 1200 × 82 × 68               |
| DP DALI 1200 32W 865 IP65 GY | >80 | <3 %             | IK08 | 1430 | 1500 × 82 × 68               |
| DP DALI 1500 26W 840 IP65 GY | >80 | <3 %             | IK08 | 1740 | 1500 × 82 × 68               |
| DP DALI 1500 26W 865 IP65 GY | >80 | <3 %             | IK08 | 1740 | 1500 × 82 × 68               |
| DP DALI 1500 46W 830 IP65 GY | >80 | <3 %             | IK08 | 1740 | 1500 × 82 × 68               |
| DP DALI 1500 46W 840 IP65 GY | >80 | <3 %             | IK08 | 1740 | 1500 × 82 × 68               |
| DP DALI 1500 46W 865 IP65 GY | >80 | <3 %             | IK08 | 1740 | 1500 × 82 × 68               |
| DP DALI 1500 58W 840 IP65 GY | >80 | <3 %             | IK08 | 1740 | 1500 × 82 × 68               |
| DP DALI 1500 58W 865 IP65 GY | >80 | <3 %             | IK08 | 1740 | 1500 × 82 × 68               |

<sup>1</sup> Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions.

<sup>2</sup> t[h]: L70/B50 @ 25 °C (Ta) / t[h]: L80/B10 @ 25 °C (Ta)

# DAMP PROOF

Damp-proof luminaires



## DAMP PROOF 5x THROUGHWIRING

Damp-proof luminaires, classic shape with 5 × 2.5 mm<sup>2</sup> throughwiring



| Product name                | Segmentation | GTIN (EAN)    | RE-PLACE-MENT FOR | W  | lm   | lm/W | K    | L70 <sup>2</sup> | L80 <sup>2</sup> | °   |
|-----------------------------|--------------|---------------|-------------------|----|------|------|------|------------------|------------------|-----|
| DP 5TH 1200 32W 840 IP65 GY | ■            | 4058075541924 | 2 × 36W FL        | 32 | 4400 | 135  | 4000 | 70000            | 50000            | 110 |
| DP 5TH 1500 46W 840 IP65 GY | ■            | 4058075541948 | 2 × 58W FL        | 46 | 6400 | 135  | 4000 | 70000            | 50000            | 110 |



| Product name            | CRI | FLICKER VALUE | IK   | g    | L × W × H [mm]<br>Ø × H [mm] |
|-------------------------|-----|---------------|------|------|------------------------------|
| DP 1200 18W 840 IP65 GY | >80 | <10%          | IK08 | 1613 | 1200 × 82 × 68               |
| DP 1200 18W 865 IP65 GY | >80 | <10%          | IK08 | 1930 | 1500 × 82 × 68               |

## DAMP PROOF EMERGENCY

Damp-proof luminaires, classic shape with integrated emergency lighting function



| Product name               | Segmentation | GTIN (EAN)    | RE-PLACE-MENT FOR | W  | lm    | lm/W | K    | L70 <sup>2</sup> | L80 <sup>2</sup> | °   |
|----------------------------|--------------|---------------|-------------------|----|-------|------|------|------------------|------------------|-----|
| DP EM 1200 18W 840 IP65 GY | ■            | 4058075541320 | 1 × 36W FL        | 18 | 2400  | 135  | 4000 | 70000            | 50000            | 110 |
| DP EM 1200 18W 865 IP65 GY | ■            | 4058075541344 | 1 × 36W FL        | 18 | 2400  | 135  | 6500 | 70000            | 50000            | 110 |
| DP EM 1200 32W 830 IP65 GY | ■            | 4058075541368 | 2 × 36W FL        | 32 | 4000  | 125  | 3000 | 70000            | 50000            | 110 |
| DP EM 1200 32W 840 IP65 GY | ■            | 4058075541382 | 2 × 36W FL        | 32 | 4400  | 135  | 4000 | 70000            | 50000            | 110 |
| DP EM 1200 32W 865 IP65 GY | ■            | 4058075541405 | 2 × 36W FL        | 32 | 4400  | 125  | 6500 | 70000            | 50000            | 110 |
| DP EM 1500 26W 840 IP65 GY | ■            | 4058075541429 | 1 × 58W FL        | 26 | 3500  | 150  | 4000 | 70000            | 50000            | 110 |
| DP EM 1500 26W 865 IP65 GY | ■            | 4058075541443 | 1 × 58W FL        | 26 | 3500  | 135  | 6500 | 70000            | 50000            | 110 |
| DP EM 1500 46W 830 IP65 GY | ■            | 4058075541467 | 2 × 58W FL        | 46 | 5750  | 125  | 3000 | 70000            | 50000            | 110 |
| DP EM 1500 46W 840 IP65 GY | ■            | 4058075541481 | 2 × 58W FL        | 46 | 6400  | 135  | 4000 | 70000            | 50000            | 110 |
| DP EM 1500 46W 865 IP65 GY | ■            | 4058075541504 | 2 × 58W FL        | 46 | 6400  | 135  | 6500 | 70000            | 50000            | 110 |
| DP EM 1500 58W 840 IP65 GY | ■            | 4058075541528 | 2 × 70W FL        | 58 | 8000  | 135  | 4000 | 70000            | 50000            | 110 |
| DP EM 1500 58W 865 IP65 GY | ■            | 4058075541542 | 2 × 70W FL        | 58 | 8000  | 135  | 6500 | 70000            | 50000            | 110 |
| DP EM 1500 81W 840 IP65 GY | ■            | 4058075541566 | 2 × 80W FL        | 81 | 11000 | 135  | 4000 | 70000            | 50000            | 110 |
| DP EM 1500 81W 865 IP65 GY | ■            | 4058075541580 | 2 × 80W FL        | 81 | 11000 | 135  | 6500 | 70000            | 50000            | 110 |



| Product name               | CRI | FLICKER VALUE | IK   | g    | L × W × H [mm]<br>Ø × H [mm] |
|----------------------------|-----|---------------|------|------|------------------------------|
| DP EM 1200 18W 840 IP65 GY | >80 | <10%          | IK08 | 1600 | 1200 × 82 × 68               |
| DP EM 1200 18W 865 IP65 GY | >80 | <10%          | IK08 | 1600 | 1200 × 82 × 68               |
| DP EM 1200 32W 830 IP65 GY | >80 | <10%          | IK08 | 1600 | 1200 × 82 × 68               |
| DP EM 1200 32W 840 IP65 GY | >80 | <10%          | IK08 | 1600 | 1200 × 82 × 68               |
| DP EM 1200 32W 865 IP65 GY | >80 | <10%          | IK08 | 1600 | 1200 × 82 × 68               |
| DP EM 1500 26W 840 IP65 GY | >80 | <10%          | IK08 | 2100 | 1500 × 82 × 68               |
| DP EM 1500 26W 865 IP65 GY | >80 | <10%          | IK08 | 2100 | 1500 × 82 × 68               |
| DP EM 1500 46W 830 IP65 GY | >80 | <10%          | IK08 | 2100 | 1500 × 82 × 68               |
| DP EM 1500 46W 840 IP65 GY | >80 | <10%          | IK08 | 2100 | 1500 × 82 × 68               |
| DP EM 1500 46W 865 IP65 GY | >80 | <10%          | IK08 | 2100 | 1500 × 82 × 68               |
| DP EM 1500 58W 840 IP65 GY | >80 | <10%          | IK08 | 2100 | 1500 × 82 × 68               |
| DP EM 1500 58W 865 IP65 GY | >80 | <10%          | IK08 | 2100 | 1500 × 82 × 68               |
| DP EM 1500 81W 840 IP65 GY | >80 | <10%          | IK08 | 2100 | 1500 × 82 × 68               |
| DP EM 1500 81W 865 IP65 GY | >80 | <10%          | IK08 | 2100 | 1500 × 82 × 68               |

<sup>1</sup> Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions.

<sup>2</sup> t[h]: L70/B50 @ 25°C (Ta) / t[h]: L80/B10 @ 25°C (Ta)

## ABOUT LEDVANCE



# LEDVANCE

With offices in more than 50 countries and business activities in more than 140 countries, LEDVANCE is one of the world's leading general lighting providers for professional users and end consumers. Having emerged from the general lighting business of OSRAM GmbH, LEDVANCE offers a wide ranging assortment of LED luminaires for a broad spectrum of application areas, intelligent lighting products for Smart Homes and Buildings. The company offers one of the largest LED lamps portfolios in the industry, traditional light sources, LED Strip system and light management systems.

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## DAMP PROOF EMERGENCY LIGHTING PROPERTIES

Additional information regarding Damp Proof luminaires as single-battery emergency luminaires incl. 3-hour battery

| Product name               | Battery life in emergency operation mode | Type of emergency operation test | Type of emergency light operation | Luminous flux in emergency operation mode | Type of Battery |
|----------------------------|------------------------------------------|----------------------------------|-----------------------------------|-------------------------------------------|-----------------|
| DP EM 1200 18W 840 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |
| DP EM 1200 18W 865 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |
| DP EM 1200 32W 830 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |
| DP EM 1200 32W 840 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |
| DP EM 1200 32W 865 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |
| DP EM 1500 26W 840 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |
| DP EM 1500 26W 865 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |
| DP EM 1500 46W 830 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |
| DP EM 1500 46W 840 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |
| DP EM 1500 46W 865 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |
| DP EM 1500 58W 840 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |
| DP EM 1500 58W 865 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |
| DP EM 1500 81W 840 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |
| DP EM 1500 81W 865 IP65 GY | 3 h                                      | Automatic                        | Maintained/Non-maintained         | 500 lm                                    | LiFePO4         |

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