

# PRODUCT DATASHEET

## DP EM 1500 26W 865 IP65 GY

**DAMP PROOF EMERGENCY | Damp-proof luminaires, classic shape with integrated emergency lighting function**



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### AREAS OF APPLICATION

- Emergency illumination of escape routes
- Antipanic lighting
- Buildings requiring up to 3 h emergency light operation
- Industrial and storage facilities
- Car parks and underpasses
- Garages
- Workshops, assembly lines

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### PRODUCT BENEFITS

- Seamless integration of luminaires with emergency lighting function into general lighting
- Easy wiring thanks to included prewired driver and battery for Emergency lighting function
- Simple testing of luminaires with emergency lighting function thanks to integrated automatic test function
- Convenient visualization of results of automatic test with an included control LED
- Operation of integrated emergency lighting function with long life LiFePO4 battery with 3h battery discharge time
- Evenly distributed light in normal operation
- Energy savings of up to 60 % (compared to luminaires that use fluorescent lamps)
- Easy installation, no tools required for connection
- 3 years guarantee

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### PRODUCT FEATURES

- Luminaire suited for normal lighting and emergency lighting
- Certified according to European norms (EN 60598-1:2015; EN 60598-2-22:2014)
- Self-contained luminaires



- Emergency lighting function: battery discharge time of 3 h
- Function test of emergency lighting: automatic (AT)
- Battery technology: LiFePO4
- High luminous efficacy: up to 135 lm/W
- Type of protection: IP65
- Beam angle: 110°

## TECHNICAL DATA

### Electrical data

Nominal wattage	26.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor $\lambda$	> 0.90
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	56
Max. no. of lum. on circuit break. C10 A	44
Max. no. of lum. on circuit break. C16 A	71
Inrush current	10.7 A
Total harmonic distortion	< 20 %
Wattage in emergency operation mode	3.0 W
Nominal voltage of battery	3.2 V
Wattage in maintained operation mode	26.0 W
Inrush current time $T_{h50}$	154 $\mu$ s

### Luminaire control gear data

Low flicker	Yes
Output current	190 mA

### Photometrical data

Color temperature	6500 K
Luminous flux	3500 lm
Luminous efficacy	135 lm/W
Standard deviation of color matching	4 sdc <sub>m</sub>
Light color (designation)	Cool Daylight
Color rendering index Ra	>80
Luminous flux in emergency operation mode	500 lm
Luminous flux in maintained operation mode	3500 lm

### Light technical data

Beam angle	110 °
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Dimensions & weight



<b>Length</b>	1500 mm
<b>Width</b>	82.0 mm
<b>Height</b>	68.0 mm
<b>Product weight</b>	1800.00 g

Colors & materials

<b>Body material</b>	Polycarbonate (PC)
<b>Product color</b>	Gray
<b>Housing color</b>	Gray
<b>Cover material</b>	Polycarbonate (PC)

Temperatures & operating conditions

<b>Ambient temperature range</b>	5...+35 °C
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Lifespan

<b>Number of switching cycles</b>	100000
<b>Lifespan L70/B50 at 25 °C</b>	70000 h
<b>Lifespan L80/B10 at 25 °C</b>	50000 h
<b>Lifespan L90/B10 at 25 °C</b>	32000 h

Additional product data

<b>Mounting type</b>	Suspended/Surface
<b>Mounting location</b>	Ceiling / Wall
<b>Low flicker</b>	Yes
<b>Type of Battery</b>	LiFePO4

Capabilities

<b>Dimmable</b>	No
<b>Type of connection</b>	Screwless terminal, 5-Pole

Type of emergency operation test	Automatic
Battery life in emergency operation mode	3 h
Battery charging time	<24 h
Area of emergency application	Anti-panic lighting / Escape route lighting
Type of emergency light operation	Maintained / Non-maintained
Integrated test switch	No
LED module replaceable	Not replaceable

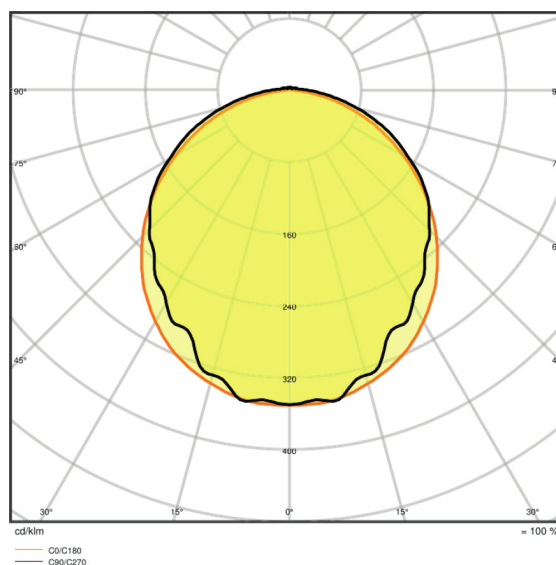
Certificates & standards

Protection class IK (shock resistance)	IK08
Glow Wire Test according to IEC 60695-2-12	850 °C
Photobiological safety group EN62778	RG0
Protection class	I
Type of protection	IP65
Luminaire with limited surface temperature, class "D"	Yes
Standards	CE/CB/EAC/RoHS

Logistical data

Temperature range at storage	5...+35 °C
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Light Distribution



LDC typ cone

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**EQUIPMENT / ACCESSORIES**

- Stainless steel clamps with safety screws included
- Mounting accessories included (suspension kit, theft protection kit)

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**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075541443	Folding carton box 1	1512 mm x 87 mm x 74 mm	2135.00 g	9.73 dm <sup>3</sup>
4058075541450	Shipping carton box 6	1532 mm x 191 mm x 245 mm	13900.00 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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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.