

PRODUCT DATASHEET

DAMP PROOF EM 1500 55 W 4000 K AT 3H

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



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

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 50 % (compared to luminaires that use fluorescent lamps)
- Easy installation, no tools required for connection
- 3 years guarantee

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 115 lm/W
- Type of protection: IP65
- Beam angle: 105°

TECHNICAL DATA

Electrical data

Nominal wattage	55.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor λ	>0.90
Mains frequency	50/60 Hz
Total harmonic distortion	< 20 %
Wattage in emergency operation mode	3.0 W
Nominal voltage of battery	3.2 V
Wattage in maintained operation mode	55.0 W

Luminaire control gear data

Max. no. of lum. on circuit break. B16 A	22
Max. no. of lum. on circuit break. C10 A	20
Max. no. of lum. on circuit break. C16 A	32

Photometrical data

Color temperature	4000 K
Luminous flux	6400 lm
Luminous efficacy	115 lm/W
Standard deviation of color matching	≤5 sdcn
Light color (designation)	Cool White
Color rendering index Ra	>80
Luminous flux in emergency operation mode	500 lm
Luminous flux in maintained operation mode	6400 lm

Light technical data

Beam angle	105.00 °
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Dimensions & weight



Length	1500 mm
Width	95.0 mm
Height	78.0 mm
Product weight	2800.00 g

Colors & materials

Body material	Polycarbonate (PC)
Housing color	Gray
Product color	Gray
Housing color	Gray
Cover material	Polycarbonate (PC)

Temperatures & operating conditions

Ambient temperature range	5...+35 °C
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Lifespan

Number of switching cycles	25000
Lifespan L70/B50 at 25 °C	50000 h
Lifespan L80/B10 at 25 °C	35000 h
Lifespan L90/B10 at 25 °C	20000 h

Additional product data

Mounting type	Suspended/Surface
Mounting location	Ceiling / Wall
Type of Battery	LiFePO4

Capabilities

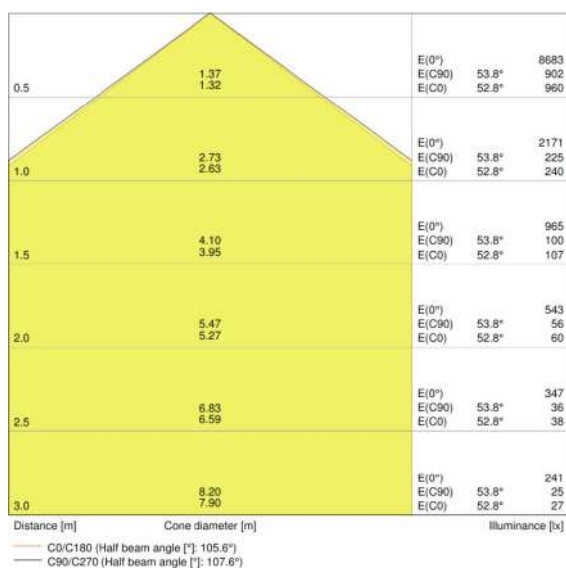
Dimmable	No
Type of connection	Screwless terminal, 5-Pole

Ball shot safe	No
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

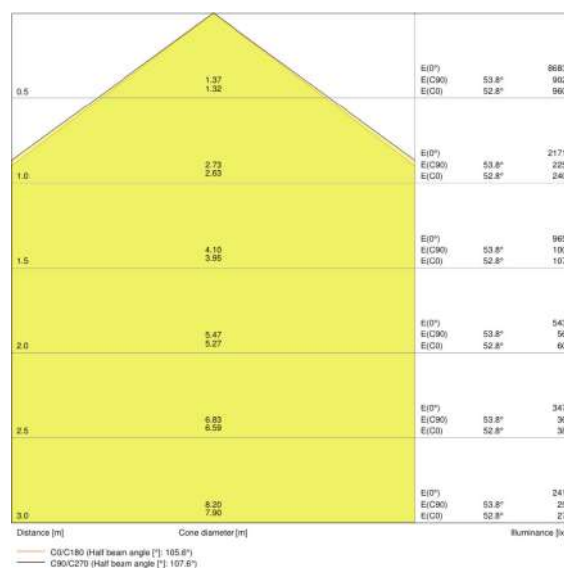
Certificates & standards

Protection class IK (shock resistance)	IK08
Glow Wire Test according to IEC 695-2-1	850 °C
Photobiological safety group EN62778	RG 0
Protection class	I
Type of protection	IP65
Luminaire with limited surface temperature, class "D"	Yes
Standards	CE/CB/EAC/RoHS

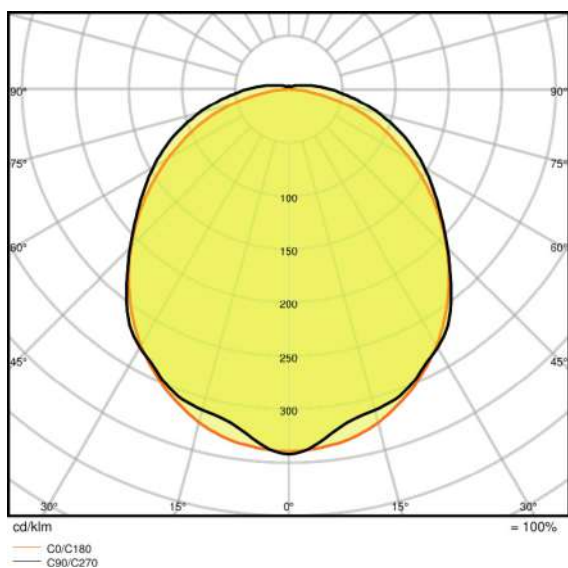
Light Distribution



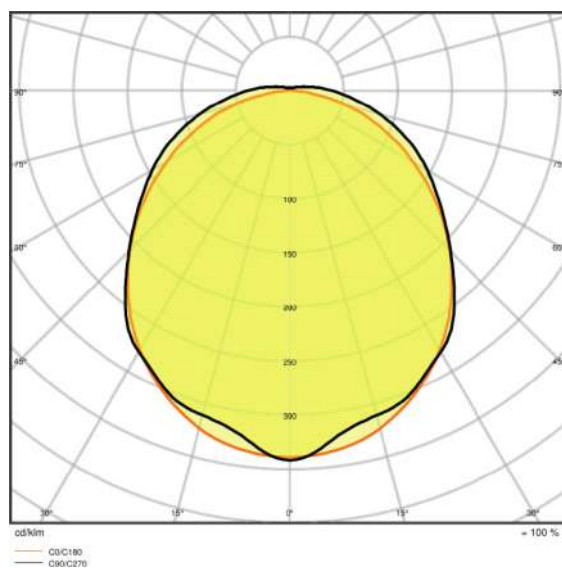
LDC typ cone



LDC typ cone



LDC typ polar



LDC typ polar

EQUIPMENT / ACCESSORIES

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075204041	Folding carton box 1	1505 mm x 102 mm x 84 mm	3028.00 g	12.89 dm ³
4058075204058	Shipping carton box 6	1525 mm x 333 mm x 192 mm	16355.00 g	97.50 dm ³

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.

REFERENCES / LINKS

For Guarantee see

► www.ledvance.com/guarantee

DISCLAIMER

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