

# PRODUCT DATASHEET

## EM DL DN120 MT 3H Antipanic

**EMERGENCY DOWNLIGHT DN120 MANUAL TEST | Emergency Downlights with manual test function**



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### AREAS OF APPLICATION

- Emergency illumination of escape routes
- Antipanic lighting
- Buildings requiring up to 3 h emergency light operation

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### PRODUCT BENEFITS

- Product family covers various types of emergency lighting applications
- High luminous flux and optimized light distribution
- High test temperature (850 °C) according to glow wire test rating IEC 60695-2-12
- High IK rating (IK07) according to impact test IEC 62262-2002

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### PRODUCT FEATURES

- Self-contained luminaires
- Certified according to European norms (EN 60598-1:2015; EN 60598-2-22:2014)
- Battery discharge time: 3 h
- Mounting type: ceiling recessed or surface mounting
- Function test: manual (MT)
- Operation mode: maintained (M) or non-maintained (NM)
- Battery technology: NiMH
- Versions available for escape routes or antipanic illumination



- Integrated power supply: control gear and battery

## TECHNICAL DATA

### Electrical data

Nominal wattage	4.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Wattage in emergency operation mode	4.0 W
Mains frequency	50/60 Hz
Nominal voltage of battery	7.2 V
Power factor $\lambda$	$\geq 0.4$
Total harmonic distortion	20 %

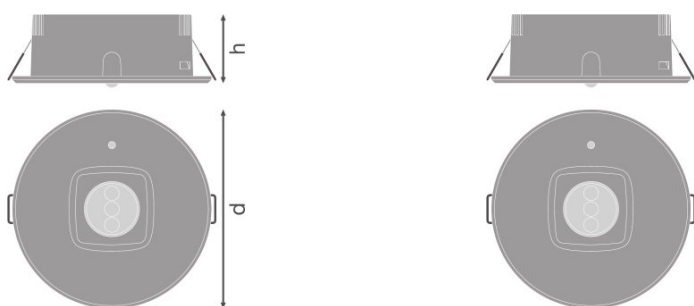
### Luminaire control gear data

Max. no. of lum. on circuit break. B16 A	50
Max. no. of lum. on circuit break. C10 A	40
Max. no. of lum. on circuit break. C16 A	64

### Photometrical data

Color temperature	6500 K
Luminous flux in maintained operation mode	235 lm
Luminous flux in emergency operation mode	235 lm
Luminous flux	235 lm

### Dimensions & weight



Diameter	140.0 mm
Height	48.5 mm
Product weight	460.00 g
Mounting diameter	120.0 mm

## Colors &amp; materials

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

## Temperatures &amp; operating conditions

Ambient temperature range	0...+40 °C
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## Lifespan

Lifespan L70/B50 at 25 °C	- h
Lifespan L80/B10 at 25 °C	- h
Lifespan L90/B10 at 25 °C	- h

## Additional product data

Mounting type	Surface/Recessed
Mounting location	Ceiling

## Capabilities

Type of emergency light operation	Maintained
Area of emergency application	Anti-panic lighting
Battery life in emergency operation mode	3 h
Battery charging time	24 h
Type of emergency operation test	Manual
Integrated test switch	Yes
Dimmable	No
Type of connection	Screwless terminal, 2-Pole
LED module replaceable	Not replaceable

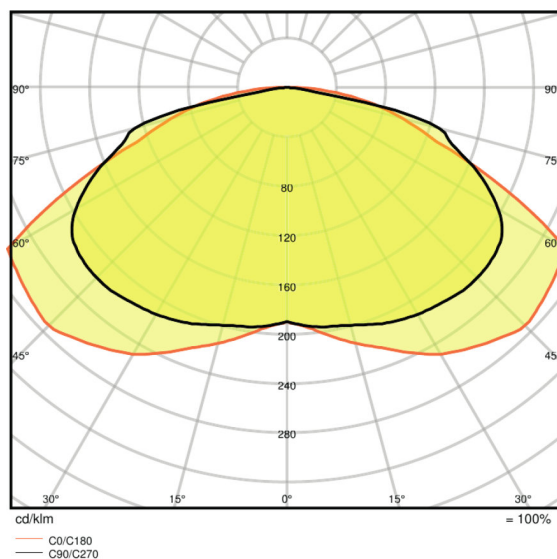
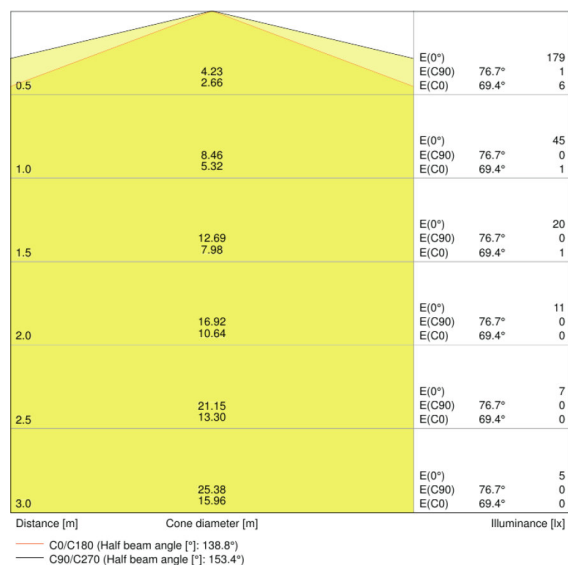
## Certificates &amp; standards

Type of protection	IP43
Protection class	II
Protection class IK (shock resistance)	IK07
Glow Wire Test according to IEC 695-2-1	850 °C
Photobiological safety group EN62778	RG 1
Luminaire with limited surface temperature, class "D"	No
Standards	CE/CB/RoHS/ENEC 17

## Logistical data

Temperature range at storage	-25...+35 °C
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## Light Distribution



LDC typ cone

LDC typ polar

## EQUIPMENT / ACCESSORIES

- Surface mounting kit available

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075124516	Folding carton box 1	145 mm x 145 mm x 75 mm	505.00 g	1.58 dm <sup>3</sup>
4058075124523	Shipping carton box 8	305 mm x 305 mm x 170 mm	4409.00 g	15.81 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.