PRODUCT DATASHEET
EM DL DN120 MT 3H Escape

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



AREAS OF APPLICATION

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

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

PRODUCT FEATURES

- Self-contained luminaires
- Certifed 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)
- Operaton mode: maintained (M) or non-maintained (NM)
- Battery technology: NiMH
- Versions available for escape routes or antipanic illumination



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– Integrated power supply: control gear and battery

TECHNICAL DATA

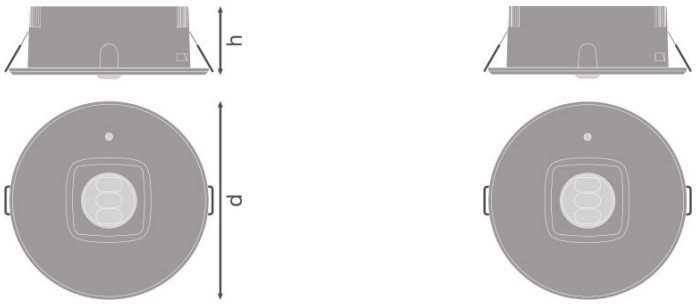
Electrical data

Nominal wattage	4.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Wattage in emergency operation mode	4 W
Mains frequency	50/60 Hz
Nominal voltage of battery	7.2 V
Power factor λ	≥0.4

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 & materials

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

Temperatures & operating conditions

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Ambient temperature range	0...40 °C

Additional product data

Mounting type	Surface/Recessed
Mounting location	Ceiling
Product remark	Available from July 2018

Capabilities

Type of emergency light operation	Maintained
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	Push button terminal, 2-pole
LED module replaceable	Not replaceable

Certificates & standards

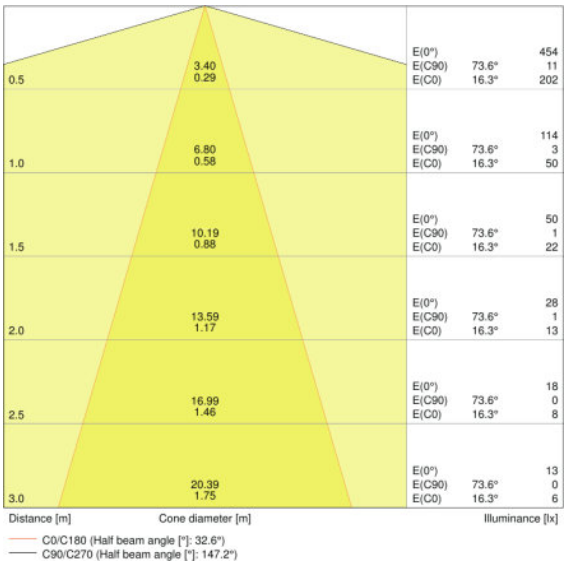
Type of protection	IP43
Protection class	II
Protection class IK (shock resistance)	IK07
Glow Wire Test according to IEC 695-2-1	850 °C
Photobiological safety group	RG 1
Standards	CE/CB/RoHS/ENEC 17

Logistical data

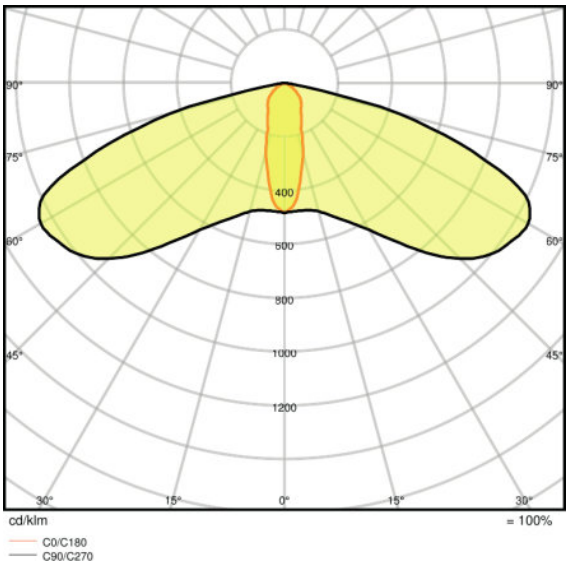
Temperature range at storage	-25...35 °C

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Light Distribution



LDC typ cone



LDC typ polar

EQUIPMENT / ACCESSORIES

– Surface mounting kit available

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075124530	EM DL DN120 MT 3H Escape	Shipping carton box 8	305 mm x 305 mm x 170 mm	15.81 dm^3	4419.00 g

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.

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