

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
- 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)



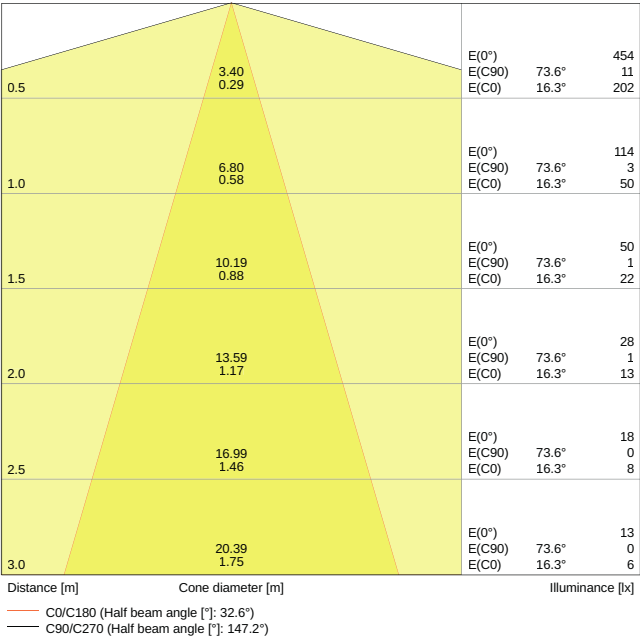
- Battery technology: NiMH
- Versions available for escape routes or antipanic illumination
- Integrated power supply: control gear and battery

TECHNICAL DATA**Electrical data**

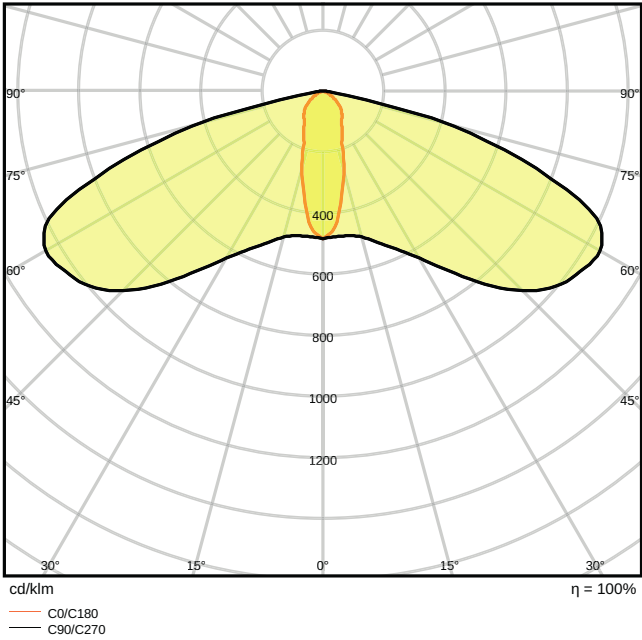
Nominal wattage	4.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	50 mA
Max. no. of lum. on circuit break. B16 A	50
Max. no. of lum. on circuit break. C10 A	40
Max. no. of lum. on circuit break. C16 A	64
Power factor λ	≥ 0.4
Total harmonic distortion	20 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	235 lm
Luminous efficacy	58 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Photobiological safety group acc. to EN62778	RG1



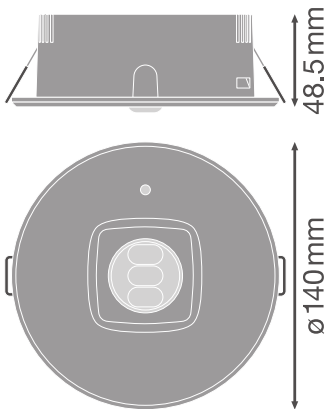
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Dimensions & Weight

Diameter	140.00 mm
Height	48.50 mm
Product weight	460.00 g



Materials & Colors

Product color	White
Housing color	White
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	0...+40 °C
Temperature range at storage	-25...+35 °C
Type of connection	Screwless terminal, 2-Pole
Type of protection	IP43/IP20
Protection class IK (shock resistance)	IK07
Dimmable	No
Mounting type	Surface/Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	120,0 mm
Mounting depth	90 mm
LED module replaceable	Not replaceable

Emergency lighting

Area of emergency application	Escape route signage
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Type of emergency light operation	Maintained
Type of emergency operation test	Manual
Wattage in emergency operation mode	4 W
Luminous flux in maintained operation mode	235 lm
Luminous flux in emergency operation mode	235 lm
Nominal voltage of battery	7.2 V
Battery life in emergency operation mode	3 h
Battery charging time	24 h
Integrated test switch	Yes









Certificates & Standards

Standards	CE / CB / RoHS / ENEC 17
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

EQUIPMENT / ACCESSORIES

- Surface mounting kit available

DOWNLOAD DATA

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	User instruction User Instruction Emergency Downlight DN 120
	Tender documents Tender Text 4058075124530
	Certificates ENEC EM Downlights
	Declarations of conformity Certificate of Conformity EM DL DN120 Nemko
	Declarations of conformity EU Declaration of Conformity Emergency downlight LEDV
	IES file (IES) EM DL DN120 MT 3H ESCAPE
	LDT file (Eulumdat) EM DL DN120 MT 3H ESCAPE
	R3D file (Relux 3D Model) Emergency downlight

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M3D file (3D Model)
Emergency_Downlight.m3d



UGR file (UGR table)
EM DL DN120 MT 3H ESCAPE



Illumination graphics, emergency op.
4058075124530 EM DL DN120 MT 3H ESCAPE Planning

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075124530	Folding box 1	145 mm x 145 mm x 75 mm	505.00 g	1.58 dm ³
4058075124547	Shipping box 8	305 mm x 305 mm x 170 mm	4419.00 g	15.81 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.