

PRODUCT DATASHEET

DAMP PROOF EM 1500 55 W 4000 K AT 3H

Starters for single operation at 230 V AC (ST 111, ST 171, ST 173) | Starters for single operation at 230 V AC



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

PERFOR-
MANCE
CLASS

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
- Uniform light distribution 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
Nominal voltage	220...240 V
Operating mode	Integrated LED driver
Nominal current	239 mA
Type of current	AC
Mains frequency	50...60 Hz
Total harmonic distortion	< 20 %
Power factor λ	> 0.90

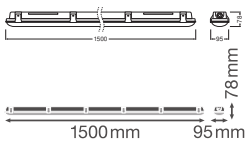
Photometrical data

Luminous flux	6400 lm
Luminous efficacy	115 lm/W
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	> 80
Light color	840
Standard deviation of color matching	≤5 sdcm

Light technical data

Beam angle	105 °
Starting time	< 0.2 s

Dimensions & Weight



Product weight	2800.00 g
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Temperatures & operating conditions

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

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Number of switching cycles	25000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Additional product data

Mercury content	0.0 mg
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Capabilities

Dimmable	No
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Certificates & Standards

Type of protection	IP65
Standards	CE / CB / EAC / RoHS
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	DAMP PROOF 1500
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LOGISTICAL DATA

Temperature range at storage	5...+35 °C
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Energy labelling regulation data acc EU 2019/2015









Length	1500.00 mm
Height	78.00 mm
Width	95.00 mm

EQUIPMENT / ACCESSORIES

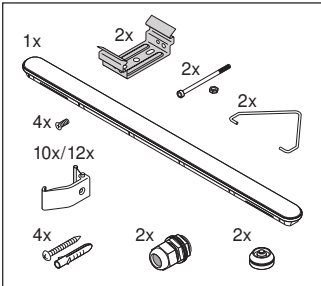
- Stainless steel clamps with safety screws included
- Mounting accessories included (suspension kit, theft protection kit)

DOWNLOAD DATA

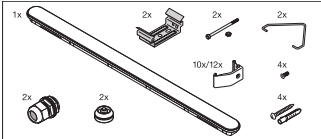
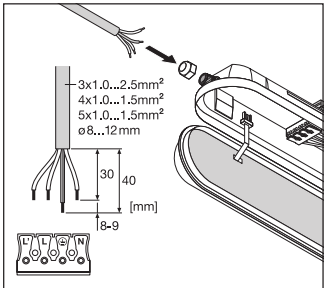
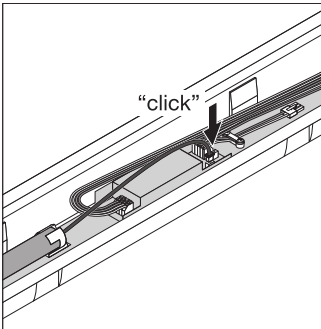
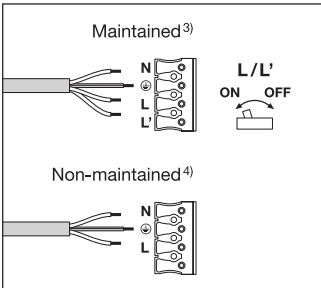
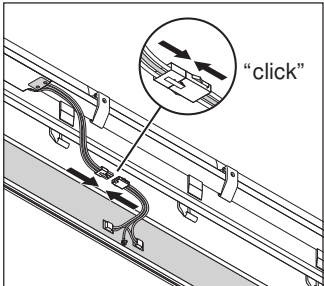
Documents and certificates		Document name
	User instruction / safety instructions	UI DAMPPROOF LED EM

Documents and certificates		Document name
	Declarations of conformity	CE delcaration of Damp proof Emergency
Photometric and lighting design files		Document name
	IES file (IES)	DAMP PROOF 1500 55W 4000K EM AT 3H
	LDT file (Eulumdat)	DAMP PROOF 1500 55W 4000K EM AT 3H
	UGR file (UGR table)	DAMP PROOF 1500 55W 4000K EM AT 3H
	Light distribution curve type cone	DAMP PROOF 1500 55W 4000K EM AT 3H
	Light distribution curve type cone	DAMP PROOF 1500 55W 4000K EM AT 3H
	Light distribution curve type polar	DAMP PROOF 1500 55W 4000K EM AT 3H
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ADDITIONAL CATALOG INFORMATION



Control LED ³⁾	
Luminaire Status	Control LED
Normal	Green
Emergency	OFF
Testing	Green: (1s, 1s, 1s...)
Battery connection fault	Red: (1s, 1s, 1s...)
Battery capacity fault	Red
Luminaire fault	Red: (4s, 4s, 4s...)



References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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