

## PRODUCT DATASHEET

### Damp Proof Essential 2x7W 600mm 4000K

Essentials Damp Proof | Essential Damp Proof luminaires for basic user purposes

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#### Areas of application

- Basements, garages, warehouses



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#### Product benefits

- Suitable for use in dusty and damp outdoor locations thanks to high IP rating

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#### Product features

- Damp-proof luminaire with LED tube for mains voltage operation



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**TECHNICAL DATA****Electrical data**

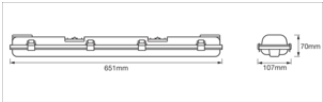
Nominal wattage	14.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	110.000 mA
Inrush current time $T_{h50}$	482 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	15
Max. number of luminaires per miniature circuit breaker C16	25
Power factor $\lambda$	> 0.5
Total harmonic distortion	86 %
Protection class	II

**Photometrical data**

Luminous flux	1200 lm
Total luminous flux of contained light sources	1560 lm
Luminous efficacy	85 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	6 sdcn
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °
UGR	< 25

**Dimensions & Weight**

Length	651.00 mm
Width	108.00 mm
Height	64.00 mm
Product weight	649.00 g



SUBMARINE LED 2X8W 840 60

Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Plastic
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
Application environment	Indoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	25000 h <sup>1)</sup>
Number of switching cycles	12500

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

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

Additional product data

Number of illuminants	2
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## EQUIPMENT / ACCESSORIES

- LED Tube is delivered with the product
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## Safety advice

- All electrical connections must be made by a qualified person.
  - Caution, risk of electric shock.
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## DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	DAMP PROOF ESSENTIAL
	Legal information	Safety insert G11219279
	Declarations of conformity	CE Declaration DAMP PROOF ESSENTIAL
	Declarations of conformity UKCA	Fixed LUM

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## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854428890	Folding box 1	112 mm x 660 mm x 71 mm	790.00 g	5.25 dm <sup>3</sup>
4099854428906	Shipping box 6	677 mm x 241 mm x 229 mm	4780.00 g	37.36 dm <sup>3</sup>

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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.

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## DISCLAIMER

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

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