PRODUCT DATASHEET
Damp proof Essential 1x19W 1500mm 840

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

Areas of application

– Basements, garages, warehouses

Product benefits

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

Product features

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

TECHNICAL DATA

Electrical data

Nominal wattage	19.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	85.000 mA
Inrush current	13,2 A
Inrush current time T_{h50}	482 µs
Max. number of luminaires per miniature circuit breaker B16	12
Max. number of luminaires per miniature circuit breaker C10	12
Max. number of luminaires per miniature circuit breaker C16	20
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	1700 lm
Total luminous flux of contained light sources	2185 lm
Luminous efficacy	90 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	6 sdcm
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

Dimensions & Weight

Length	1561.00 mm
Width	69.00 mm
Height	64.00 mm
Product weight	906.00 g

DAMP PROOF ESSENTIAL
150CM1X19W840

Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C

Application & Mounting

Ambient temperature range	-20…+40 °C
Temperature range at storage	-20…+80 °C
Type of connection	Cable, 2-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling
With light source	Yes
Holder designation	G13

Lifespan

Lifespan L70/B50 at 25 °C	25000 h [1]
Number of switching cycles	12500

[1] 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	1

EQUIPMENT / ACCESSORIES

– LED Tube is delivered with the product

Safety advice

– All electrical connections must be made by a qualified person.
– Caution, risk of electric shock.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	DAMP PROOF ESSENTIAL 150CM 1/2X 19W 840
PDF	Legal information	DAMP PROOF ESSENTIAL 150CM 1/2X 19W 840
PDF	Declarations of conformity	DAMP PROOF ESSENTIAL 150CM 1X19W 840
PDF	Declarations of conformity UKCA	DAMP PROOF ESSENTIAL 150CM 1/2X19W 840

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854288104	Folding box 1	69 mm x 70 mm x 1,566 mm	955.00 g	7.56 dm^3
4099854288111	Shipping box 6	1,580 mm x 225 mm x 166 mm	6806.00 g	59.01 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.