

# PRODUCT DATASHEET Damp proof Essential 2x19W 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	38.00 W	
Nominal voltage	220240 V	
Mains frequency	5060 Hz	
Nominal current	170.000 mA	
Inrush current time T <sub>h50</sub>	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 $\lambda$	> 0.90	
Total harmonic distortion	< 20 %	
Protection class	II .	
Operating mode	Mains voltage	

# Photometrical data

Luminous flux	3400 lm
Total luminous flux of contained light sources	4370 lm
Luminous efficacy	89 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	6 sdcm
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

# Dimensions & Weight

Length	1561.00 mm
Width	108.00 mm
Height	64.00 mm
Product weight	1354.00 g



### 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
With light source	Yes
Replaceable light source	No
Holder designation	G13

# 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

# 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
PDF	Legal information	Safety insert G11219279
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
4099854428814	Folding box 1	69 mm x 110 mm x 1,566 mm	1411.00 g	11.89 dm <sup>3</sup>
4099854428821	Shipping box	1,580 mm x 234 mm x 235 mm	9777.00 g	86.88 dm <sup>3</sup>

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.