PRODUCT DATASHEET
Damp Proof Essential Slim 600mm 9W 4000K

Essentials Damp Proof Integrated | Essential Damp Proof luminaires with integrated LED module for basic user purposes

Areas of application

– Basements, garages, warehouses

Product benefits

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

Product features

– Damp-proof luminaires
– Robust plastic profile
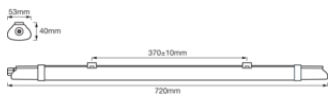
TECHNICAL DATA

Electrical data

Nominal wattage	9.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	75.000 mA
Inrush current time T_{h50}	15.2 µs
Max. number of luminaires per miniature circuit breaker B16	284
Max. number of luminaires per miniature circuit breaker C16	170
Power factor λ	> 0.5
Total harmonic distortion	< 120 %
Protection class	II

Photometrical data

Luminous flux	900 lm
Total luminous flux of contained light sources	1050 lm
Luminous efficacy	100 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)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °
UGR	< 30

Dimensions & Weight

Length	660.00 mm
Width	53.00 mm
Height	35.00 mm
Product weight	175.00 g

SUBMARINE I SLIM VALUE 0.6M
840

Materials & Colors

Product color	White
Housing color	White
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…+35 °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	20000 h [1]
Number of switching cycles	100000

[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
Replaceable light source (EPREL)	Not replaceable

Additional product data

Number of illuminants	empty

EQUIPMENT / ACCESSORIES

– All required accessories included

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	Declarations of conformity	CE Declaration DAMP PROOF ESSENTIAL SLIM
PDF	Declarations of conformity UKCA	Fixed LUM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075762619	Folding box 1	40 mm x 690 mm x 58 mm	202.00 g	1.60 dm^3
4058075762626	Shipping box 6	722 mm x 137 mm x 137 mm	1549.00 g	13.55 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.