PRODUCT DATASHEET
Submarine 2 x 15W 4000K

SUBMARINE® | Damp-proof luminaires for LED tubes

Areas of application

– Basements, garages, warehouses
– For indoor use only

Product benefits

– Energy savings of up to 65 % comp. to luminaires using T8 fluorescent lamps on CCG
– Easy installation thanks to improved space for mounting brackets and easy to open tray
– Quick and easy lamp replacement
– Extremely break resistant SubstiTUBE Star PC LED-Tube included
– Good, even illumination

Product features

– Damp-proof luminaire with LED tube for mains voltage operation
– Durable and energy-saving LED luminaire
– Dust-protected and jet-proof (IP65)
– Mercury-free and RoHS compliant
– M20 cable gland for 8-12 mm cables
– Not dimmable
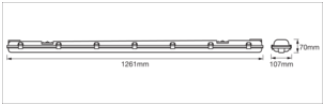
TECHNICAL DATA

Electrical data

Nominal wattage	30.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	155.000 mA
Total harmonic distortion	≤ 20 %
Protection class	I

Photometrical data

Luminous flux	3000 lm
Total luminous flux of contained light sources	3600 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)	≤ 1
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

Dimensions & Weight

Length	1261.00 mm
Width	105.00 mm
Height	75.00 mm
Product weight	1560.00 g

SUBMARINE LED 2X16W 840 120

Materials & Colors

Product color	Gray

Housing color	Gray
Body material	Acrylonitrile butadiene styrene (ABS)
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+30 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP65
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling
Application environment	Indoor
With light source	Yes
Replaceable light source	No
Holder designation	G13

Lifespan

Lifespan L70/B50 at 25 °C	30000 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 / EAC / UKCA
Luminaire with limited surface temperature, "D sign"	No

Additional product data

Number of illuminants	2

EQUIPMENT / ACCESSORIES

– SubstiTUBE STAR PC EM are delivered with the product

Safety advice

– All electrical connections must be made by a qualified person.
– Caution, risk of electric shock.
– Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

DOWNLOAD DATA

	Documents and certificates	Document name	
PDF	User instruction / safety instructions	SUBMARINE LED	
PDF	Declarations of conformity	SUBMARINE LED 2X7W 840 60	LEDV
PDF	Declarations of conformity UKCA	Fixed LUM	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075304000	Folding box 1	110 mm x 79 mm x 1,265 mm	1738.00 g	10.99 dm³
4058075304017	Shipping box 6	1,282 mm x 236 mm x 265 mm	11701.00 g	80.18 dm³

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.