

PRODUCT DATASHEET

SUBMARINE 1X16 W 120 4000 K

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

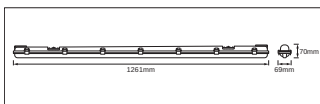
Nominal wattage	16.50 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	80 mA
Protection class	I

Photometrical data

Luminous flux	1700 lm
Luminous efficacy	113 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Beam angle	140 °

Dimensions & Weight

Length	1261.00 mm
Width	66.00 mm
Height	75.00 mm
Product weight	1050.00 g



Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Acrylonitrile butadiene styrene (ABS)
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+35 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP65
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling
Holder designation	G13

Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Number of switching cycles	100000



Certificates & Standards

Standards	CE / EAC / REACH / RoHS
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EQUIPMENT / ACCESSORIES

– SubstiTUBE STAR PC EM are delivered with the product

DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction SUBMARINE LED
	Tender documents Tender Text 4058075303942

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075303942	Folding box 1	77 mm x 71 mm x 1,265 mm	1149.00 g	6.92 dm ³
4058075303959	Shipping box 9	1,280 mm x 225 mm x 245 mm	11614.00 g	70.56 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.