

# PRODUCT DATASHEET

## Submarine Sensor 120cm 16W 4000K

SUBMARINE SENSOR | Damp-proof luminaire with built in motion sensor

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### Areas of application

- Basements, garages, warehouses
- For indoor use only



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### Product benefits

- Easy installation thanks to improved space for mounting brackets and easy to open tray
- Quick and easy lamp replacement
- Good, even illumination
- Allows for energy savings and comfortable operation due to sensor control

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### Product features

- Durable and energy-saving LED luminaire
- Dust-protected and jet-proof (IP65)
- Detection range: 100% with hold time: 3 minutes as default setting
- Motion sensor (microwave technology) with adjustable detection parameters



## TECHNICAL DATA

### Electrical data

Nominal wattage	16.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Inrush current	5.4 A
Total harmonic distortion	≤ 20 %
Protection class	I
Operating mode	Mains voltage

### Photometrical data

Luminous flux	1600 lm
Total luminous flux of contained light sources	1800 lm
Luminous efficacy	105 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdc <sub>m</sub>
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	140 °

### Dimensions & Weight

Length	1261.00 mm
Width	66.00 mm
Height	75.00 mm
Product weight	1100.00 g

### Materials & Colors

Product color	Gray
Housing color	Gray

Body material	Plastic
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...+35 °C
Temperature range at storage	-20...+80 °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
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	30000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	30000 h <sup>1)</sup>
Number of switching cycles	100000

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Sensor

Type of sensor	Motion
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### Certificates & Standards

Standards	CE / EMC / UKCA
Luminaire with limited surface temperature, "D sign"	No

### Additional product data

Number of illuminants	1
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### EQUIPMENT / ACCESSORIES

– Motion Sensor is included in the Submarine Housing. Should work with every LED Tube

### DOWNLOAD DATA

**Documents and certificates**

User instruction



Declarations Of Conformity CE



Declarations Of Conformity UKCA

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075576391	Folding box 1	77 mm x 71 mm x 1,265 mm	1199.00 g	6.92 dm <sup>3</sup>
4058075576407	Shipping box 9	1,282 mm x 236 mm x 265 mm	11380.00 g	80.18 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.