PRODUCT DATASHEET
Submarine Sensor 150cm 19W 4000K

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

Areas of application

– Basements, garages, warehouses
– For indoor use only

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

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	19.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Inrush current	7.3 A
Total harmonic distortion	≤ 20 %
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	1900 lm
Total luminous flux of contained light sources	2200 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 sdcm
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	140 °

Dimensions & Weight

Length	1561.00 mm
Width	66.00 mm
Height	75.00 mm
Product weight	1340.00 g

SUBMARINE 150CM   SUBMARINE 150CM

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 [1]
Lifespan L80/B10 at 25 °C	30000 h [1]
Lifespan L80/B50 at 25 °C	30000 h
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)

Sensor

Type of sensor	Motion
Sensor technology	Microwave
Sensor controlled switching time	5 s…10 min
Detection range of motion sensor	4…10 m
Detection threshold of daylight sensor	0…30 lx

Certificates & Standards

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

Additional product data

Number of illuminants	1

EQUIPMENT / ACCESSORIES

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

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 SEN 120 150 60 CM
PDF	Declarations of conformity	SUBMARINE LED
PDF	Declarations of conformity UKCA	Fixed LUM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075576414	Folding box 1	77 mm x 71 mm x 1,565 mm	1444.00 g	8.56 dm^3
4058075576421	Shipping box 6	1,582 mm x 235 mm x 182 mm	9895.00 g	67.66 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.