

# PRODUCT DATASHEET

## Submarine Integrated 1.5M 48W 4000K

SUBMARINE® Integrated | Damp-proof luminaires with integrated LED module

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### Areas of application

- Basements, garages, warehouses



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### Product benefits

- Easy and quick installation
- Very homogenous light
- Extremely bright

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### Product features

- Dust-protected and jet-proof (IP65)
- Not dimmable





TECHNICAL DATA

Electrical data

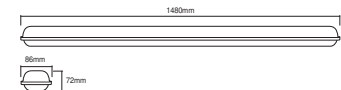
Nominal wattage	48.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	209.000 mA
Max. number of luminaires per miniature circuit breaker B16	25
Max. number of luminaires per miniature circuit breaker C16	36
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	4000 lm
Total luminous flux of contained light sources	5000 lm
Luminous efficacy	60 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	< 5 sdc <sub>cm</sub>
Flickering metric (Pst LM)	<10
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

Dimensions & Weight

Length	1480.00 mm
Width	86.00 mm
Height	72.00 mm
Product weight	1580.00 g



PG SubMARINE LED i 1.5m 840  
MIPRC



## Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Polycarbonate (PC)
Mercury content	0.0 mg

## Application & Mounting

Ambient temperature range	-20...+40 °C
Type of connection	Terminal, 2-Pole (L, N)
Type of protection	IP65
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
With light source	Yes
Replaceable light source	No

## Lifespan

Number of switching cycles	25000
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## Certificates & Standards

Standards	CE / EAC / UKCA
Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable

## EQUIPMENT / ACCESSORIES





- Complete mounting and connecting 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
	User instruction / safety instructions	SUBMARINE INTEGRATED
	Legal information	Legal insert C - Not dimmable
	Declarations of conformity	CE Declaration SubMARINE LED I
	Declarations of conformity UKCA	Fixed LUM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075260498	Folding box 1	89 mm x 1,510 mm x 75 mm	1790.00 g	10.08 dm <sup>3</sup>
4058075260504	Shipping box 8	1,530 mm x 200 mm x 328 mm	15391.00 g	100.37 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.