

# PRODUCT DATASHEET Submarine Integrated 1.2M 36W 4000K

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



#### Areas of application

- Basements, garages, warehouses

#### Product benefits

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

# Product features

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



# TECHNICAL DATA

# Electrical data

Nominal wattage	36.00 W	
Nominal voltage	220240 V	
Mains frequency	5060 Hz	
Nominal current  Max. number of luminaires per miniature circuit breaker B16	157.000 mA	
	27	
Max. number of luminaires per miniature circuit breaker C16	38	
Power factor λ	> 0.90	
Total harmonic distortion	< 20 %	
Protection class	П	
Operating mode	Integrated LED driver	

#### Photometrical data

Luminous flux	3000 lm
Luminous efficacy	83 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	< 5 sdcm
Photobiological safety group acc. to EN62778	RG0
Beam angle	120°

# Dimensions & Weight

Length	1180.00 mm
Width	86.00 mm
Height	66.00 mm
Product weight	1210.00 g



#### 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	
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 / UKCA / EAC
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 LED I		SUBMARINE LED I	
PDF	Legal information	on Safety insert G11219279	
PDF	Declarations of conformity	ity CE Declaration SubMARINE LED I	
PDF	Declarations of conformity UKCA Fixed LUM		

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854428937	Folding box 1	89 mm x 1,210 mm x 69 mm	1500.00 g	7.43 dm³
4099854428944	Shipping box	1,230 mm x 200 mm x 304 mm	12000.00 g	74.78 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

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