

PRODUCT FAMILY DATASHEET

SubMARINE

Luminaires

AREAS OF APPLICATION

- Basements, garages, warehouses
- For indoor use only



PRODUCT BENEFITS

- Optimal electrical protection thanks to two security components
- Energy savings of up to 65 % comp. to luminaires using T8 fluorescent lamps on CCG
- Good, even illumination
- Quick and easy lamp replacement

PRODUCT FEATURES

- Color rendering index $R_a: \geq 80$
- Color temperature: 4,000 K
- Damp-proof luminaire with LED tube for mains voltage operation
- Durable and energy-saving LED luminaire
- Protection class: I
- PG cable gland on the side
- Fire and ignition resistant housing acc. to EN 60598-1, 650 °C Glow Wire Test
- Robust polycarbonate casing



- Lifetime: up to 30,000 h
- Mercury-free and RoHS compliant
- Not dimmable
- Dust-protected and jet-proof (IP65)

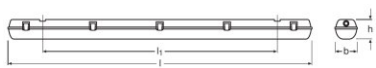
TECHNICAL DATA

Product description	Electrical data			Photometrical data				Dimensions & weight			Colors & materials
	Nominal wattage	Nominal voltage	Mains frequency	Color temperature	Luminous flux	Light color (designation)	Color rendering index Ra	Length	Width	Height	Body material
SubMARINE 8 W 840 4000 K	8.00 W	220...240 V	50/60 Hz	4000 K	720 lm	Cool White	>80	655.0 mm	72.0 mm	86.0 mm	Polycarbonate (PC)
SubMARINE 17 W 840 4000 K	17.00 W	220...240 V	50/60 Hz	4000 K	1550 lm	Cool White	>80	1265 mm	72.0 mm	86.0 mm	Polycarbonate (PC)
SubMARINE 20 W 840 4000 K	20.00 W	220...240 V	50/60 Hz	4000 K	1800 lm	Cool White	>80	1565 mm	72.0 mm	86.0 mm	Polycarbonate (PC)
SubMARINE 16 W 840 4000 K	16.00 W	220...240 V	50/60 Hz	4000 K	1400 lm	Cool White	>80	655.0 mm	115.0 mm	86.0 mm	Polycarbonate (PC)
SubMARINE 34 W 840 4000 K	34.00 W	220...240 V	50/60 Hz	4000 K	3000 lm	Cool White	>80	1265 mm	115.0 mm	86.0 mm	Polycarbonate (PC)
SubMARINE 40 W 840 4000 K	40.00 W	220...240 V	50/60 Hz	4000 K	3500 lm	Cool White	>80	1565 mm	115.0 mm	86.0 mm	Polycarbonate (PC)

Product description	Product color	Cover material	Temperatures & operating conditions	Lifespan	Capabilities	Dimmable	Type of connection	Holder designation
			Ambient temperature range	Lifespan	Type of installation			
SubMARINE 8 W 840 4000 K	Gray	Polycarbonate (PC)	-20...45 °C	30000 h	Surface mounting	No	Terminal, 3-pin	G13
SubMARINE 17 W 840 4000 K	Gray	Polycarbonate (PC)			Surface mounting	No	Terminal, 3-pin	G13
SubMARINE 20 W 840 4000 K	Gray	Polycarbonate (PC)			Surface mounting	No	Terminal, 3-pin	G13
SubMARINE 16 W 840 4000 K	Gray	Polycarbonate (PC)			Surface mounting	No	Terminal, 3-pin	G13
SubMARINE 34 W 840 4000 K	Gray	Polycarbonate (PC)			Surface mounting	No	Terminal, 3-pin	G13
SubMARINE 40 W 840 4000 K	Gray	Polycarbonate (PC)			Surface mounting	No	Terminal, 3-pin	G13

Product description	Certificates & standards	
	Protection class	Type of protection
SubMARINE 8 W 840 4000 K	I	IP65
SubMARINE 17 W 840 4000 K	I	IP65

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SubMARINE 20 W 840 4000 K	I	IP65
SubMARINE 16 W 840 4000 K	I	IP65
SubMARINE 34 W 840 4000 K	I	IP65
SubMARINE 40 W 840 4000 K	I	IP65



SubMARINE 8 W 840 4000 K,
 SubMARINE 17 W 840 4000 K,
 SubMARINE 20 W 840 4000 K

SubMARINE 16 W 840 4000 K,
 SubMARINE 34 W 840 4000 K,
 SubMARINE 40 W 840 4000 K

EQUIPMENT / ACCESSORIES

- SubstiTUBE STAR EM and SubstiTUBE Start are delivered with the product

SAFETY ADVICE

Installation by qualified electrician only.
Luminaire must be disconnected from mains during installation, maintenance and cover removal

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899398269	SubMARINE 8 W 840 4000 K	Shipping carton box 10	670 mm x 190 mm x 360 mm	45.83 dm ³	9080.00 g
4052899398283	SubMARINE 17 W 840 4000 K	Shipping carton box 9	1285 mm x 275 mm x 220 mm	77.74 dm ³	13328.00 g
4052899398344	SubMARINE 20 W 840 4000 K	Shipping carton box 6	1585 mm x 190 mm x 224 mm	67.46 dm ³	11735.00 g
4052899971950	SubMARINE 16 W 840 4000 K	Shipping carton box 6	670 mm x 190 mm x 353 mm	44.94 dm ³	7184.00 g
4052899398320	SubMARINE 34 W 840 4000 K	Shipping carton box 6	1285 mm x 190 mm x 350 mm	85.45 dm ³	12458.00 g
4052899398368	SubMARINE 40 W 840 4000 K	Shipping carton box 6	1585 mm x 190 mm x 353 mm	106.31 dm ³	15610.00 g

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.