

# PRODUCT DATASHEET

## SUBMARINE 2X16 W 120 4000 K

SUBMARINE® | Damp-proof luminaires for LED tubes



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### Areas of application

- Basements, garages, warehouses
- For indoor use only

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### Product benefits

- Energy savings of up to 65 % comp. to luminaires using T8 fluorescent lamps on CCG
- Easy installation thanks to improved space for mounting brackets and easy to open tray
- Quick and easy lamp replacement
- Extremely break resistant SubstiTUBE Star PC LED-Tube included
- Good, even illumination

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### Product features

- Damp-proof luminaire with LED tube for mains voltage operation
- Durable and energy-saving LED luminaire
- Dust-protected and jet-proof (IP65)
- Mercury-free and RoHS compliant
- M20 cable gland for 8-12 mm cables
- Not dimmable



## TECHNICAL DATA

### Electrical data

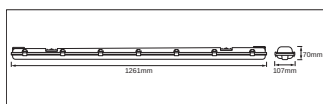
|                  |             |
|------------------|-------------|
| Nominal wattage  | 33.00 W     |
| Nominal voltage  | 220...240 V |
| Mains frequency  | 50...60 Hz  |
| Nominal current  | 155 mA      |
| Protection class | I           |

### Photometrical data

|                           |            |
|---------------------------|------------|
| Luminous flux             | 3000 lm    |
| Luminous efficacy         | 100 lm/W   |
| Color temperature         | 4000 K     |
| Light color (designation) | Cool White |
| Color rendering index Ra  | ≥80        |
| Beam angle                | 120 °      |

### Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1261.00 mm |
| Width          | 105.00 mm  |
| Height         | 75.00 mm   |
| Product weight | 1560.00 g  |



### Materials & Colors

|                 |                                       |
|-----------------|---------------------------------------|
| Product color   | Gray                                  |
| Housing color   | Gray                                  |
| Body material   | Acrylonitrile butadiene styrene (ABS) |
| Cover material  | Polycarbonate (PC)                    |
| Mercury content | 0.0 mg                                |

### Application & Mounting

|                           |                             |
|---------------------------|-----------------------------|
| Ambient temperature range | -20...+30 °C                |
| Type of connection        | Terminal, 3-Pole (L, N, PE) |
| Type of protection        | IP65                        |
| Dimmable                  | No                          |
| Mounting type             | Surface                     |
| Mounting location         | Ceiling                     |
| Holder designation        | G13                         |

### Lifespan

|                            |         |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C  | 30000 h |
| Number of switching cycles | 100000  |



### Certificates & Standards

|           |                         |
|-----------|-------------------------|
| Standards | CE / EAC / REACH / RoHS |
|-----------|-------------------------|

### EQUIPMENT / ACCESSORIES

– SubstiTUBE STAR PC EM are delivered with the product

### DOWNLOAD DATA

| DOWNLOAD DATA   |   |
|---|---|
|   | User instruction<br>SUBMARINE LED             |
|  | Tender documents<br>Tender Text 4058075304000 |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075304000 | Folding box<br>1             | 77 mm x 110 mm x 1,265 mm            | 1738.00 g    | 10.71 dm <sup>3</sup> |
| 4058075304017 | Shipping box<br>6            | 1,280 mm x 231 mm x 245 mm           | 11701.00 g   | 72.44 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.

