Product information

This fixture has an attractive, neutral aesthetics that makes it suitable for applications in both commercial, residential and industrial environments. It is an energy-efficient, low maintenance alternative to traditional fluorescent waterproof fixtures.

Features

- High performance with 6 lumen packages – up to 100 lm/W
- 30 000 hours lifetime (L70B50)
- 2 colour temperatures: 4000 and 6500K with SDCM < 6
- Color rendering index > 80
- Linear luminaire with high protection rating (IP65) and high impact resistance (IK08) make integrated LED mariner the ideal solution in challenging ambient conditions
- Suitable for operation in ambient temperature of -20°C to +40°C
- Integrated through-wiring 3x1mm²
- Easy connection solution on both ends of the fixture to allow single fixture or continuous fixture installations for EU versions
- Samsung LED chip
- Static built-in driver
- Power factor: 0.5 on 2ft and 4ft low lumen package and 0.9 on 4ft high lumen and 5ft
- Supply Voltage: 220-240V 50/60Hz
- High (850°C) Glow wire temperature
- Certificates: CE & CB issued by TÜV
- Insulation Class I
- Cannot be used in corrosive environment

Benefits

- Energy class A+
- Energy savings of up to 50% (compared to luminaires that use fluorescent lamps)
- Uniform light
- Convenient, continuous connection for both sizes of 600mm, 1200mm and 1500mm, simple and easy installation options
- High resistance against ambient air with humidity and high particle loads
- Simple refurbishment solution thanks to use of existing installation points
- Fast and simple installation due to easy connection design

Application areas

- Industrial
- Car park
- Retail
Structures and materials

- Impact-resistant, polycarbonate housing and cover
- UV stabilized, flame retardant polycarbonate with improved light transmission and good color stability under heat exposure
- Colour: grey
- Convenient assembly bracket for ceiling mount, also opportunities for wall mounting with metal parts
- Small size profile and lightweight design
- All accessories for fixing are included in the package:

Wall mounting metal is 304 stainless steel
Kits are packed to ensure end users can fix the fixture
Fix to the ceiling: 2pcs wall mount clips plus 4pcs of screws

Electrical connection

- Cable entry for cables D=6-9mm
- Option for continuous connection up to 10pcs, depends on short circuit breaker

Specification summary

<table>
<thead>
<tr>
<th>Product code</th>
<th>Product code (Direct Shipment)*</th>
<th>Description</th>
<th>Wattage (W)</th>
<th>Lumen (lm)</th>
<th>Efficiency (lm/W)</th>
<th>CCT (K)</th>
<th>Current (mA)</th>
<th>Power Factor</th>
<th>Weight (kg)</th>
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* Screw type connector
Photometric data

Regulatory and standards

Regulatory mark: CE
3rd party performance test report supports compliance to EU/1194/2012
Harmonized standards: EN 60598, EN 62493, EN 61547, EN55015, EN 61000, look for CE Declaration of Conformity and Technical File for details
Photobiological risk assessment group 0 (exempt). The product is considered safe, does not pose any photobiological hazard.
*not on DOC
### Order logic

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<tr>
<th>Internal Code</th>
<th>Range</th>
<th>Generation</th>
<th>Brand</th>
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<th>CRI</th>
<th>CCT</th>
<th>Controller</th>
<th>Shipment</th>
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<td>G1 - Generation 1</td>
<td>TU - TUNGSRAM</td>
<td>2' - 2ft</td>
<td>12W</td>
<td>65 - 80 CRI</td>
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**Example:** LED Mariner ST G1 TU 2' 12W 840 S TRDS

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