

Obstacle Light Lanthan HF102

Low power consumption, maintenance free obstacle light



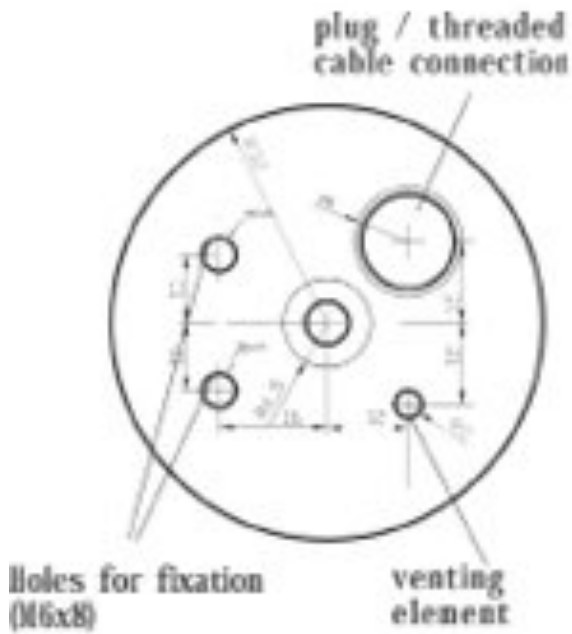
Description

- Light Intensity 10 Candela, colour: red
- Power Consumption < 1.7 W
- Low power consumption, ideal for autonomous systems
- Materials: Aluminium EN AW 6082 / PMMA
- Maintenance free due to fail safe LED-technology
- > 50 000 hours operating capacity
- Wide operating voltage (10...50 VDC)

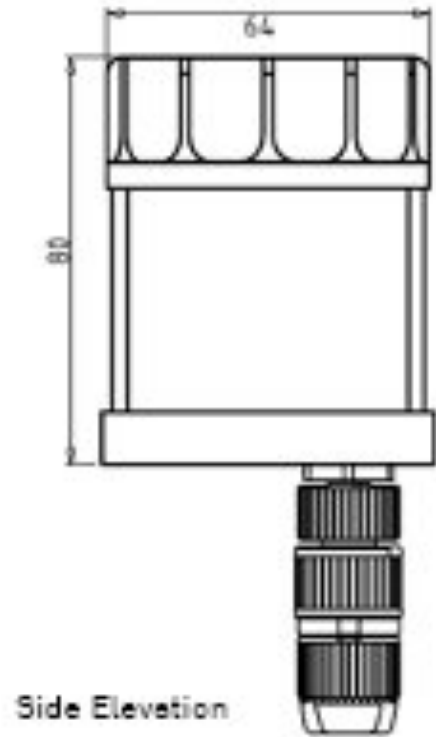
Specifications

Characteristic	Description/Value										
Intensity of light	>10 cd red, 360° horizontal according to ICAO Annex 14, Low intensity, Type A										
Lifespan	>50,000h										
Supply voltage	10 ... 50V										
Nominal power	< 1.7W (12V/140mA; 24V/70mA)										
Surge protection	integrated										
Failure detection	integrated (failure indication after 50,000h)										
Fail-safe level	Light o.k.: 1.5V below supply voltage (open circuit) Light failure: 0V										
Connector, Plug M12	<table border="1"> <thead> <tr> <th>Plug Pin No.</th> <th>Ammonit Wire Colour</th> </tr> </thead> <tbody> <tr> <td>Pin 1: Housing</td> <td>-</td> </tr> <tr> <td>Pin 2: Supply</td> <td>red, orange, orange</td> </tr> <tr> <td>Pin 3: Fail-safe-signal</td> <td>white, blue</td> </tr> <tr> <td>Pin 4: Ground</td> <td>black, violet, violet</td> </tr> </tbody> </table>	Plug Pin No.	Ammonit Wire Colour	Pin 1: Housing	-	Pin 2: Supply	red, orange, orange	Pin 3: Fail-safe-signal	white, blue	Pin 4: Ground	black, violet, violet
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Pin 4: Ground	black, violet, violet										
Temperature range	-40 ... +55°C										
Protection class	IP 67, with venting element										
Housing	Aluminium, seawater-resistant PMMA, UV-resistant										
Dimensions	ca. 64x80mm (body without plug)										
Weight	300g (0.66 lbs)										
Manufacturer	Lanthan										

Sensor connection diagram



Plan View - seen from underneath



Side Elevation