

**B10W LINEAR UNDERWATER LIGHT**



FINISH	COLOUR	CODE	LED WATTS
BLACK	BLUE	BL-CS-B10W-BBL	10W

INPUT VOLTS	12-24V DC constant voltage
-------------	----------------------------

INPUT AMPS	830mA @ 12V
------------	-------------

DIMENSIONS	W75 x L206 x H30mm
------------	--------------------

APPLICATIONS	Boats, Jet skis, Docks, Swimming Pools
--------------	--

HOUSING	Epoxy resin with tempered glass
---------	---------------------------------

MOUNTING	Provision for screw mounting
----------	------------------------------

INGRESS PROTECTION	IP68 Underwater up to 20metres
--------------------	-----------------------------------

CONNECTION METHOD	2m cable
-------------------	----------

CONTROL	Dimmable by PWM signal
---------	------------------------

WARRANTY	2 years
----------	---------

Luminaire is designed to be used in submerged applications only

**Products required for installation:**

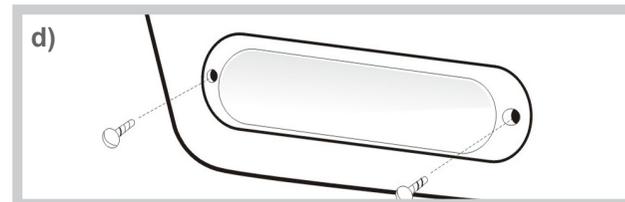
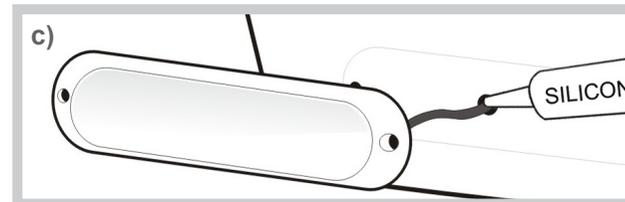
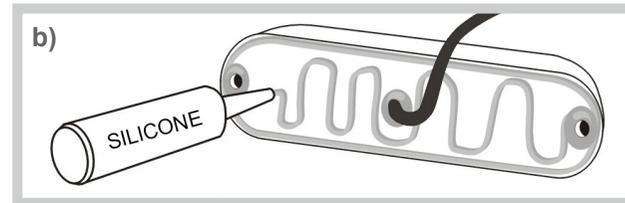
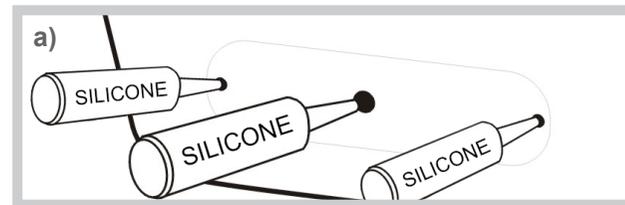
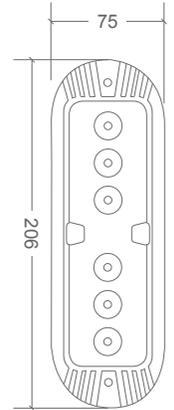
- Stainless steel mounting screws
- Neutral cure silicone adhesive (waterproof)
- Drill & bits

**Optional extras:**

- Extra cable, if required, to reach power source (minimum 0.5mm<sup>2</sup>)
- Switch
- Inline Fuse

This underwater light fixture should be mounted by a professional and wired by an appropriate technician. If precautions are not taken to appropriately seal all mounting and cable holes using a professional neutral cure silicone adhesive, irreparable damage could be caused to the installed surface.

**WARNING:** Our underwater LED lights are extremely bright, please do not look directly at the light source as it can damage your eyes. **These lights MUST be switched on underwater only**, and can be damaged if left switched on out of water. **Do not over-tighten screw fixings** - over tightening will result in cracking of case and is not covered by warranty.



1. Select mounting location, be sure you can get wires neatly from mounting location to power source. Be sure the surface that the fixture is mounted on is flat and can be tightly sealed using silicone adhesive and mounting screws. Ensure surface is dry and clean.
2. Drill a 5mm diameter hole in the centre of the mounting location for cable penetration and any further mounting holes as required.
3. It is extremely important to add generous amounts of silicone adhesive to the inside surface of all drilled holes to ensure no water ingress that can damage the hull. (figure a)
4. Add plenty of silicone to the base of the fixture around the outer flange, this is very important to ensure a water tight seal. (figure b)
5. Screw the fitting in place. Add silicone to cable penetration as it is fitted. Do not use in water until all silicone has cured. This can take up to 8 hours, but will vary between products. (figure c & d)
6. Wire the lights to the auxiliary feed 12V or 24V DC power positive and negative. It is recommended an inline fuse is fitted to the circuit.

**INSTALLATION NOTE**

This LED light should work within 24V - 12V with at least 1A of current supplied per each unit. For installation with extended wiring please make sure the transformer (at least 30W) and wire thickness is able to support the above mentioned with good conductivity on all connection joints.

**LIGHTS MUST BE INSTALLED AGAINST FLAT SURFACE**

