

Bluefin Led Underwater lights.

Pathway Light Installation manual.

Thank you for choosing Bluefin LED underwater lights, our products have been designed and tested rigorously to ensure optimum performance and longevity.

As these lights are highly polished please be careful on installation not to scratch the lights as they will mark easily.

Please ensure that your product is installed as per our instructions below, failure to do so may invalidate your warranty.

Specs: electrical/fuse ratings

	Voltage	Current	Fuse rating
Pathway PA	12VAC 12/24VDC	12v 350ma	0.5 amp

Warnings:

- Ensure that the correct voltage is used for the light.
- Ensure that an in line fuse is installed with the correct fuse rating per the light installed.
- Ensure that use the Screws provided (**failure to do so will invalidate your warranty**).



- Ensure all connections are made water tight.
- **Do not remove the Inline Moisture Guard. (Fig 1)**
- Do not hold the light by the cable.
- Do not use abrasives to clean the light.
- Do not look directly into the light at close proximity

Tools required for installation:

- 5mm drill bit
- 15mm (19/32") drill bit
- Drill
- Pozi head hand screwdriver

Installation:

For optimum affect the light should be positioned 3mtrs apart.

Drill a 15mm (19/32") hole for the cable access through the Decking, ensuring that there are no obstructions underneath.

Drill 3.5mm (9/64") pilot holes to match the mounting holes on the light.

You will see on the light labels showing the colours on each side of the light, please keep this in mind when installing the lights to ensure that they are all the same.

Feed the cable through the hole and mount the light to the Decking using the **screws provided**. (Fig2)

Electrical connection:

Only attach the light cable to a waterproof connection or junction box, the cable must have a watertight connection otherwise your **warranty will be void**.

You will notice an inline moisture guard attached to your cable (Fig 1). If this guard is removed your warranty will be void.

Care should be taken when planning your electrical feeds/cables to the lights so as to ensure voltage drop between the batteries or power supply is minimised, on 12V systems this is especially important

as the lower system voltage means a high current requirement which in turn means the potential for more voltage drop in the cable runs & connections.

If the cable gauge & connections are not sufficient for the lighting load attached you may experience incorrect operation of the lights & intermittent illumination as the supply dips below specification.

Please see the wire gauge guide attached to the instruction manual.

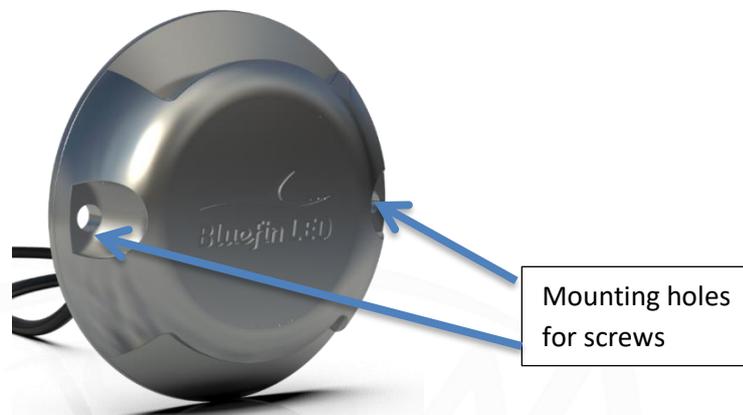
For help with calculations always consult with a qualified professional or contact Bluefin LED directly.

It is advisable on larger installations to run a single cable to the correct gauge and connect the lights to this in parallel.

Fig 1



Fig 2



Testing:

Test the light before installation ensuring that you use the correct voltage and the light is illuminated correctly.

After installation ensure again that the light is illuminated correctly.

Maintenance:

Only clean the light with a clean soft cloth.

Do not use anything abrasive to clean the light.

Warranty:

Your product has a 2-year limited warranty for defects.

For any warranty issues please contact your point of sale retailer or go to

www.bluefinled.com for further advice.

Installer please ensure that the SERIAL NUMBERS of the lights are written below and the manual is handed over to the end user.

Please make a note of the serial numbers of the lights here.

SERIAL NUMBERS

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Bluefin LED

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