

Freelite™

Model: PVB700-BL

VITA LED Solar Bollard Light with three white colour settings Installation Instructions

ENSURE YOU READ THE INSTRUCTIONS FULLY BEFORE COMMENCING INSTALLATION.

These solar lights offer a simple “install and forget” solution. Light, photovoltaic panel and battery with Energy Management System (EMS) are all in one. The light automatically turns on at dusk and off at dawn. The EMS gradually steps down light output overnight to manage battery life to provide all-night lighting for several days. Choose from one of three white light colours temperatures: warm white, neutral white or daylight



PVB700-BL
White colour changeable 3,000K, 4,000K and 6,000K

LOCATION OF INSTALLATION

For best results your PVP panel should be exposed to as much direct sunlight as possible. When positioning the light, account for objects that may cast shade for example fences and trees. In winter, the sun sits lower, and days are shorter, so ensure the PV panel has clear exposure to maximize battery charge during shorter days.

PREPARATION BEFORE INSTALLATION:

Before unpacking the light, prepare a soft, clean surface like cardboard to avoid damage from harsh surfaces like concrete.

Unpack and inspect the contents for damage.

To test, switch light on as per instructions below then cover the photovoltaic panel with a towel (or similar) or take the bollard into a dark room to activate the light.

To switch the light on use a small Allen key (or similar) to push the button with, you will find the button concealed in a small hole below the oval logo badge on the pole. With the same button you can select between the 3 different white colour temperatures.

TURNING LIGHT ON AND OFF AND SETTING COLOUR TEMPERATURE

Push 1 - On/Off

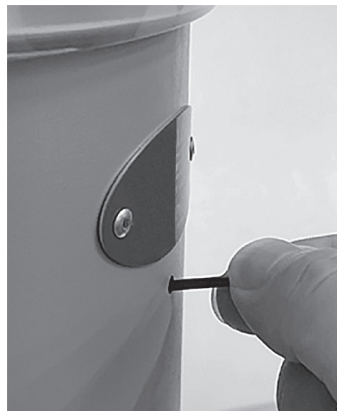
Push 2 3000K Warm White

Push 3 4000K Neutral white

Push 4 6000K Day Light White

Important:

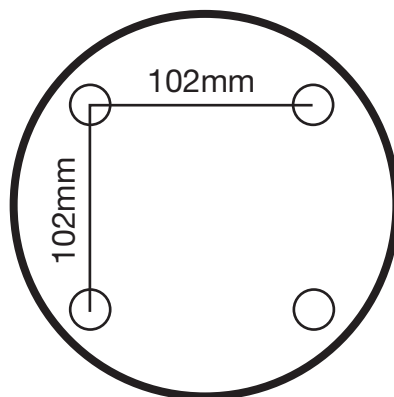
This product can be charged while powered off. We recommend charging for at least one full day with good sun exposure prior to activating the lighting function to ensure an optimal initial full charge.



INSTALLATION:

Fasten the light vertically to a concrete path, a large paving slab, cast concrete plinth or decking using the base flange provided. If placed in a garden, ensure it is placed in a raised area of the garden so that water does not pool around and damage the paint finish. Fasten securely through the 4 holes in the mounting base ensuring it is stable. Use fixings suitable for the substrate the light is being fixed onto.

Bollard lights can be placed temporarily for checking light coverage but ensure they are stabilised. For multiple bollards space them about 8 meters apart for continuous lighting.



PRODUCT SPECIFICATIONS:

Model	PVB700
PVP Voltage	5V Monocrystalline
Battery Voltage	3.2V lithium Iron Phosphate LiFePO ₄
LED wattage	1.5 Watts high output
PV peak wattage	6.2 Watts
Battery Watt-hours	38.4 Wh
Colour Temperature	3,000K, 4,000K, 6,000K
Measured Lumens	220 Lm
Battery autonomy	2-3 days of cloud
Dimensions	900mm height x 260mm diameter
Light beam angle	360 degrees, vertical axis 190 degrees
Water Ingress Protection	IP65
Materials	Aluminium and UV stabilised polycarbonate
Impact resistance	IK10

MAINTENANCE.

Important:

Rain will wash dust off from the PVP however other debris will need cleaning off periodically with soapy water and a soft brush to maintain battery condition.

If this product is not working and is still not working after referring to the info centre guide on www.alphalighting.co.nz do not attempt to repair the fitting yourself – please contact Gartner Superlux Ltd for advice.

Note:

The battery is a recyclable item, at the end of life ensure you dispose of the product responsibly.

Due to continuous design improvement, specifications are subject to change without notice.

**IMPORTANT KEEP INSTRUCTION SHEET
IN A SAFE PLACE FOR FUTURE REFERENCE**