

# Large Birkdale Lantern Installation

Mounting Height: 8-10 Metres



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## INSTALLATION STEPS

**NOTE:** - This lantern must be earthed. Electrical supply must be isolated prior to installation or any maintenance. Risk of electric shock from 230V incoming supply

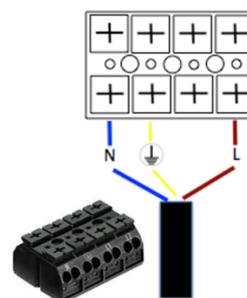
1. Open the lantern by releasing two latches and hinging the lower spinning.
2. Feed mains electrical cable from mounting bracket through the top of the spigot. We would recommend the use of a flexible conduit if armoured cable is not used. Do not make electrical connection as flex will become twisted when lantern is installed on bracket.
3. Close the lantern and secure two latches. Offer lantern to mounting bracket. Screw lantern onto bracket ensuring a minimum of ten revolutions. Align the lantern to ensure LED modules are facing roadside. Roadside is ALWAYS opposite hinge.
4. Tighten Locknut to 10Nm
5. Re-open lantern as per step one and make electrical connection as per figure above.
6. Close Lantern and switch on main supply. (If a photocell is fitted, the lantern will initially illuminate but should turn off within 30 seconds).

**DO NOT STARE INTO LED SOURCE**

The luminaire should be positioned so that prolonged staring into the luminaire at a distance of less than 1.87 M is not expected.

## SPECIFICATION

Height	700mm
Width at Widest Point	660mm
Tightness Rating	Optic IP66 Gear Enclosure IP43
Mounting Arrangement	1.25" BSP stainless steel spigot with back up nut
Input Current	250mA-850mA



(Incoming supply wiring schematic – Input Cable max 2.5mm<sup>2</sup>, 3 core must be tethered to P-Clip)

## CLEANING

The optic assembly is factory sealed therefore only the exterior surface needs to be cleaned. A damp lint free cloth should be used. Cleaning products should be avoided as they may cause damage to the painted surface.

