

# Sprint Lantern Installation

Mounting Height: 4-8 Metres



Units 4&5, Bear Court  
Roentgen Road  
Basingstoke  
RG24 8QT  
01256 308467  
[info@acrosfire.co](mailto:info@acrosfire.co)

## 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**

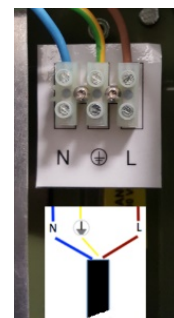
1. Open the lantern by releasing two latches and lifting the hinge clip into place to hold the unit open.
2. Feed mains electrical cable from mounting bracket through the bottom of the mounting spigot and then through the cable gland.
3. Feed the cable through the P-Clip and wire up as shown on the diagram above. Tighten the P-Clip and cable gland.
4. Close the lantern and secure two latches. Offer lantern to mounting bracket (in either horizontal or vertical position) and align the lantern to ensure LED modules are facing roadside. Tighten the two grub screws to 10Nm.
5. The lantern can be set to between  $-10^\circ$  to  $+10^\circ$  from the horizontal. Tighten the two M8 Bolts to 12Nm.

**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

Length	460mm (without spigot) 640mm with 76mm spigot mounting
Height	120mm
Width at Widest Point	247mm
Tightness Rating	Optic IP66 Gear Enclosure IP66
Mounting Arrangement	76mm Post Top (60mm SE option available)
Input Current	250mA-850mA



(Incoming supply wiring schematic – Input Cable max 1.5mm<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.

