

## SPECIFICATION

Light Source Type: LED or Metal Halide	Body: Die-cast aluminium with pressed steel top
Light Source Colour: 3200°K or 4000°K	
Control Gear: Fixed output	Diffuser: UV-stabilised polycarbonate
Rating: IP65 / IK08	Paint Finish: UV-stabilised coating
Product Colour: Graphite or Silver	Power: 220-240V / 50-60Hz

Description	Style	Lumen Output	Circuit Watts	Weight (Kg)
LED Low Output	Domed Top	3361	43.5	5.9
LED High Output	Flat Top	9976	103	5.9
1 x 70W HQI-E Metal Halide	Domed Top	5000 (initial)	83.5	5.3
1 x 100W HQI-E Metal Halide	Domed Top	9000 (initial)	113.5	5.7

## GENERAL INFORMATION

1. A qualified electrician, in accordance with IEE wiring regulations, should carry out connection to mains wiring.
2. Ensure mains power is turned off during maintenance.
3. Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
4. Cleaning of reflectors and lenses should be carried out using clean, soft and lint free cloths and anti-static cleaning fluid.
5. Do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.
6. LED version: Class 2 insulated and so does not require an earth connection. Conventional metal halide version: Class 1 insulated and must be earthed.
7. Some luminaires installed in outdoor environments may experience a build-up of internal condensation. This is due to a difference in temperature between inside and outside the luminaire which is quite common and acceptable under BSEN60598.
8. Replacing the light source within this luminaire shall only be carried out by the manufacturer, service agent or a similar qualified person.

**Please note: All images shown are for illustration purposes and should be used as a reference guide only**

**TECHNICAL SUPPORT**  
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Whitecroft  
lighting

# Cygnus ST Installation Leaflet



PKLEAFCYGNSSTHO

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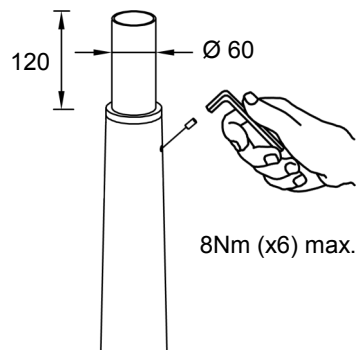
## LED INSTALLATION SEQUENCE

In order to fit this luminaire, the correct sequence of assembly must be observed.

**All measurements in mm unless stated otherwise**

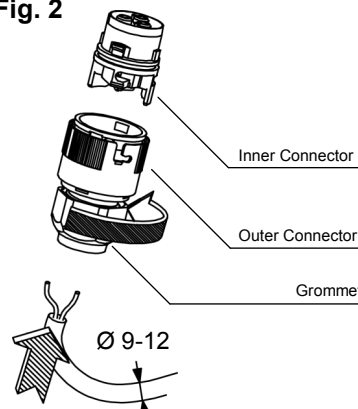
1. The LED version is class 2 insulated and does not require an earth connection.
2. Remove the fitting from all of the packaging.
3. Slide spigot (supplied separately) into post and secure using screws provided (Fig. 1).
4. Unscrew grommet of power connector and feed 2 core supply flex (Ø 9 - 12) through (Fig. 2) (note: a terminal driver may be required to release connector snap hooks to separate inner and outer connectors).
5. Strip Live / Neutral conductors in preparation for connection (Fig. 3).
6. Fix the Live / Neutral conductors of the 2 core supply flex to the power connector using the securing screws (Fig. 4).
7. Fasten the inner connector to the outer connector using the click mechanism and screw the grommet tight to secure the 2 core supply flex (Fig. 5).
8. Secure power connector to luminaire connector using the bayonet mechanism (Fig. 6).
9. Place the luminaire head onto the spigot and secure both together using the screws provided (Fig. 7).

**Fig. 1**



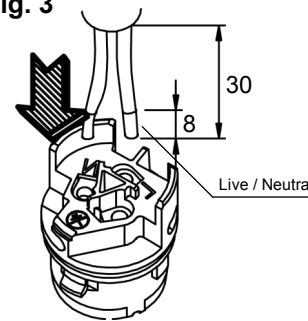
[ Spigot Assembly ]

**Fig. 2**



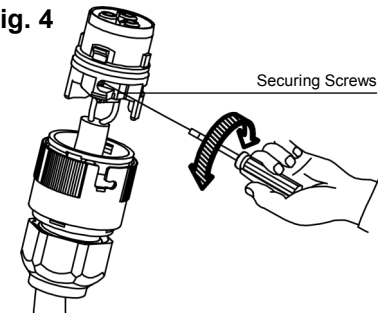
[ Supply Flex Insertion ]

**Fig. 3**



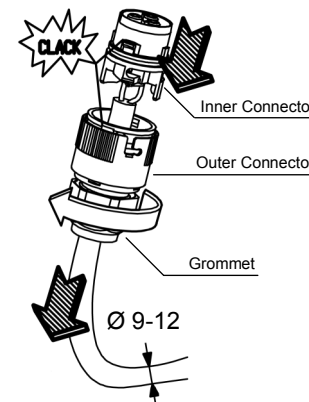
[ Wiring Prep. ]

**Fig. 4**



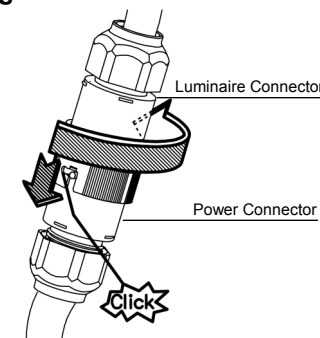
[ Supply Flex Connection ]

**Fig. 5**



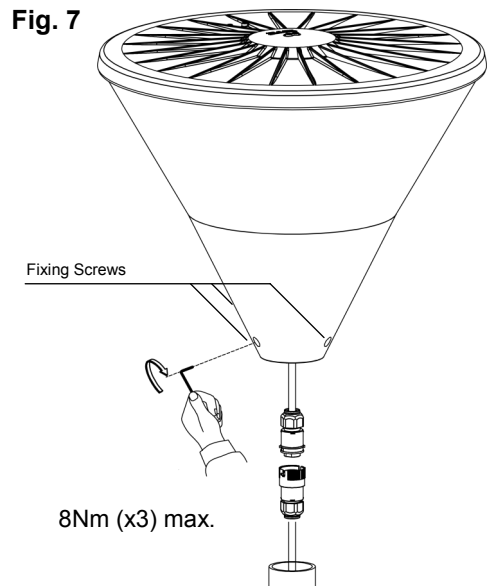
[ Power Connector Assembly ]

**Fig. 6**



[ Connector Assembly ]

**Fig. 7**



[ Final Assembly ]

## METAL HALIDE INSTALLATION SEQUENCE

In order to fit this luminaire, the correct sequence of assembly must be observed.

***All measurements in mm unless stated otherwise***

1. The conventional metal halide version is class 1 insulated and must be earthed.
2. Remove the fitting from all of the packaging.
3. Undo the bolt from the top of the fitting and remove the lid.
4. Unscrew the 3 screws at base of reflector so that it comes away with the gear tray (Fig. 2).
5. Using a 3 core cable (Ø 9 - 12) and push through the grommet (Fig. 3).
6. Take the connection terminal block and wire the live, neutral in and the earth into the spare connection terminal.
7. Place the luminaire on top of the post (Fig. 3).
8. Tighten the 3 screws to a force of 16Nm, making sure it is secure (Fig. 3).
9. Place the reflector and gear tray back on and replace the screws.
10. Replace the lid of the luminaire and tighten the nut on top making sure that it is correctly sealed.

Fig. 1

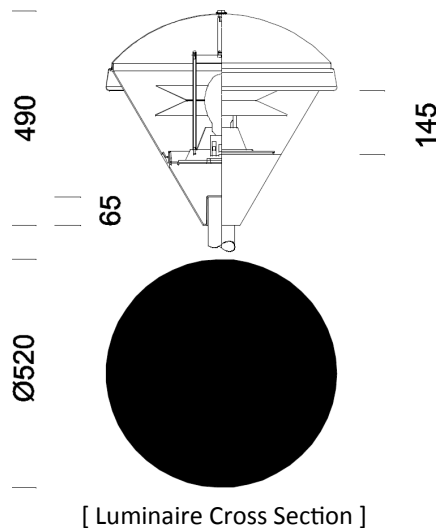


Fig. 2

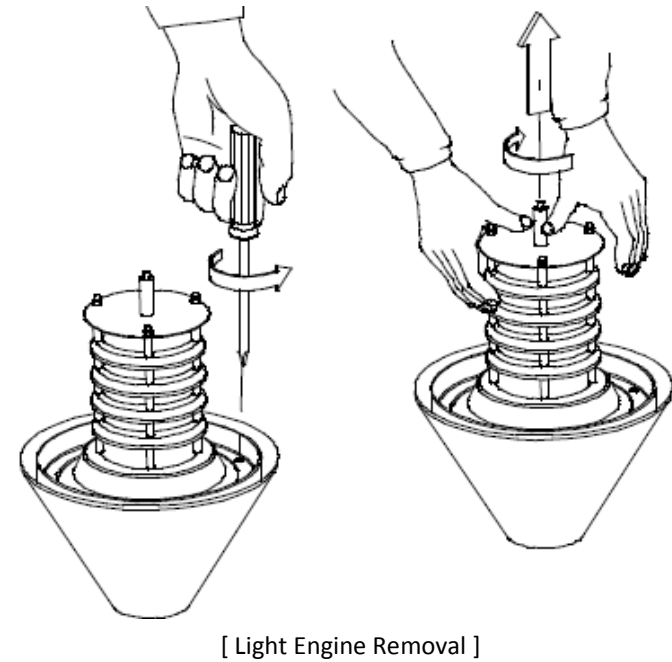


Fig. 3

