

# cygnus ST

## LED and conventional source post top lantern for outdoor applications



### Optics

- Light output options:
  - LED 3361 lumens (4000K - 43.5W)
  - 1x70W HQI-E (4000K - 5000 lumens)
  - 1x100W HQI-E (3200K - 9000 lumens)
- Symmetrical distribution
- Zero light pollution
- UV stabilised polycarbonate clear diffuser
- 70% light output after 50,000 hours life (LED only)

### Body

- Die cast aluminium with steel cap
- Coated for corrosion and saline environment resistance
- IP65 IK08 rated protection
- 60mm diameter post top spigot
- Finished in Graphite Grey or Silver
- Supplied with IP67 rated 3 pole plug and socket
- Suitable for ambient temperatures between -20°C to +40°C (LED only)



### Order Codes

#### Cygnus ST

3361 lumen (43.5W) LED

HQI-E 1 x 70W

HQI-E 1 x 100W

CYT14KG

CYTH70G

CYTH100G

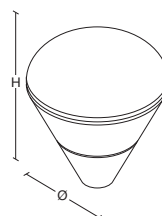
#### Options

SILVER

Replace G with **S**

i.e. CYT14KS

### Dimensions



Ø 520 H 490 KG 5.4

WINDAGE M<sup>2</sup>: 0.15

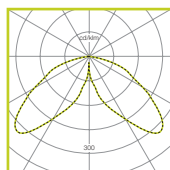
### Lamp Performance

Wattage	IL@25°C	Lamp Life	Ra(CRI)
70W HQI-E	5000	12,000hrs	Ra 90
100W HQI-E	9000	12,000hrs	Ra 65

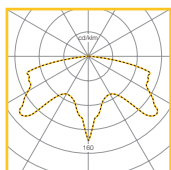
### LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L <sub>70</sub> (50,000hrs)	MacAdam 4 SDCM

### Photometric Performance



43.5W 3361 lumen  
• LOR = 100%



1 x 100W HQI-E  
• LOR = 55%

### To Specify

IP65 LED and conventional source post top lantern with conical die cast aluminium body and clear UV stabilised polycarbonate diffuser. With symmetrical distribution having zero upward light – as Whitecroft Lighting CYGNUS ST.