

cygnus ST

LED and conventional source post top lantern for outdoor applications



Optics

- Light output options:
 - LED 3361 lumens (4000K, 43.5W)
 - LED 9976 lumens (4000K, 103W)
 - 1 x 70W HQI-E (4000K, 5000 initial lumens)
 - 1 x 100W HQI-E (3200K, 9000 initial lumens)
- Symmetrical distribution
- Zero light pollution
- UV stabilised polycarbonate clear diffuser
- LED life :
 - 60,000 hours to 70% L70B20 (low output version)
 - 80,000 hours to 70% L70B20 (high output version)

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, Graphite Grey

3361 lumen (43.5W) LED

9976 lumen, (103W) LED

HQI-E 1 x 70W

HQI-E 1 x 100W

CYT14KG

CYTH24KG

CYTH70G

CYTH100G

Options

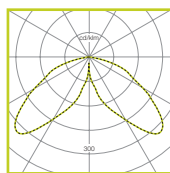
SILVER

Replace G with S

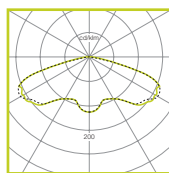
i.e. CYT14KS

Photometric Performance

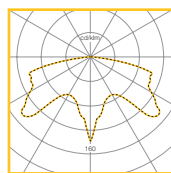
43.5W, 3361 lumen
• LOR = 100%



103W, 9976 lumen
• LOR = 100%



1 x 100W, HQI-E
• LOR = 55%



Lamp Performance

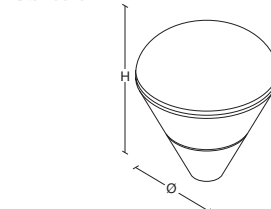
Wattage	IL@25°C	Lamp Life	Ra(CRI)
70W HQI-E	5000	12,000hrs	Ra 90
100W HQI-E	9000	12,000hrs	Ra 65



High Output Version

Dimensions

Standard



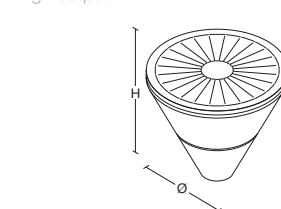
Ø
520

H
490

KG
5.4

WINDAGE M²: 0.15

High output



Ø
503

H
428

KG
6.0

WINDAGE M²: 0.12

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K (low output)	70	L ₇₀ (60,000hrs)	MacAdam 4 SDCM
4000K (high output)	70	L ₇₀ (80,000hrs)	MacAdam 4 SDCM

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.