

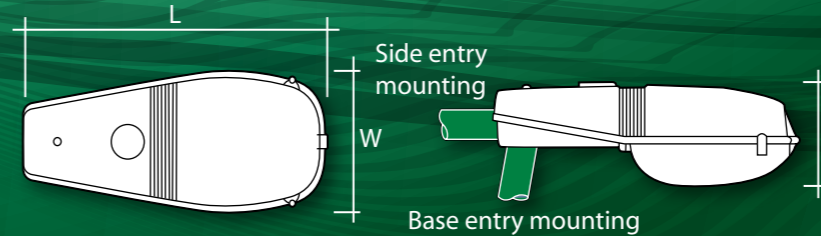


# EYE ASTRA 1, 2 & 3 IP65

STREET LIGHTING LANTERN  
For roadway, urban and amenity lighting

A very comprehensive family of high efficiency lanterns with an IP65 lamp compartment incorporating either metal halide or high pressure sodium lamp with power ratings from 70 watt to 400 watts. A wide range of options are also available to suit the application.

Designed and manufactured to comply with EN 60598 and are CE certified.



## Lamp Options

S: Tubular High Pressure Sodium

QP: Elliptical Metal Halide – Protected

SI/SE: Elliptical Diffuse High Pressure Sodium  
SI = Internal Ignitor SE = External Ignitor



AST3

AST2

AST1



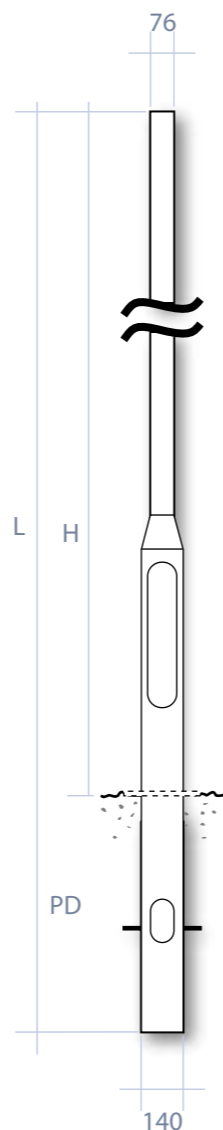
## Applications:

- Pathway lighting
- Roadway lighting
- Car parks
- Security
- Amenity

## Hot dipped galvanised Parallel Sided Poles with access door

Order Code	Root Mnt	Flange Mnt	H (m)	L (m)	PD (m)	Kg
COL4RM76	COL4FM76	4	4.8	0.8	30	
COL5RM76	COL5FM76	5	5.5	0.8	37	
COL6RM76	COL6FM76	6	6.7	1.0	45	

Astra 1,2 & 3 are designed for 60mm poles. To use with these 76mm poles order the following adaptor: ASTRASPIG76F/60M



## Product Specification

- Certified ingress protection to IP65 (lamp compartment)
- UV stabilised impact resistant polycarbonate body with powder coated cast aluminium gear tray
- Choice of three body sizes depending on wattage and installation requirements
- Impact resistant UV stabilised polycarbonate bowl
- Can be supplied base or side entry at no extra cost – specify when ordering
- High performance anodised reflector to optimise light distribution
- An ECA compliance calculator is available on our website to verify compliance of this or any other luminaire with the latest ECA standard
- **Windage guide:**  
Astra 1 - 0.09m<sup>2</sup>  
Astra 2 - 0.14m<sup>2</sup>  
Astra 3 - 0.17m<sup>2</sup>

## Optional Features

(Add suffix to order code)

**/NEMA:** Dusk to dawn sensing photo electric cell

**/FSLV:** With remote sensors (order separately this version offers 100% operation when presence detected down to 50% with adjustable delay.

**/FTB:** Fused terminal block

**/GF:** Toughened front glass

**/GB:** Toughened glass bowl (Astra 2 and 3 only)

**/TI:** Timed ignitor to prevent lamp cycling

**Note Astra spigot required if post top mounting - Order Code: ASTRASPIG76F/60M**

## Intelligent Options

Our technical team can help you to design a practical solution for your specific needs. Please contact us so that we can assist you to consider the best options from our full range of lighting controls.

## Order Codes

Including Lamps

### Astra 1 - L485 x W245 x H180 (/GF=H125)

Order Code	Watt	Kg	Lamp
AST1/70S	70	3.9	SI
AST1/70QP	70	3.9	QP
AST1/100S	100	4.1	SE
AST1/100QP	100	4.1	QP

### Astra 2 - L625 x W280 x H210 (/GF=H140)

Order Code	Watt	Kg	Lamp
AST2/150S	150	7.6	S
AST2/250S	250	8.4	S
AST2/150QP	150	5.4	QP
AST2/250QP	250	8.4	QP

### Astra 3 - L690 x W300 x H235 (/GF=H165)

Order Code	Watt	Kg	Lamp
AST3/250S	250	9.0	S
AST3/400S	400	10.6	S
AST3/250QP	250	9.0	QP
AST3/400QP	400	10.6	QP

**Special Note:** When using the toughened front glass or toughened glass bowl, tubular metal halide lamps will be supplied.

Example order code:  
AST2/250QP/TI/GF/NEMA – A 250 watt metal halide Astra 2 fitted with a timed ignitor, glass front, NEMA photoelectric cell and lamp.

## Gear options

**/TI:** Timed ignitor  
**/ELEC:** Electronic gear (150 watt only)

**/DB:** Dual ballast  
**/DT:** Double tapped ballast  
**/V:** 1-10V dimmable to 50%  
**/F:** Electronic gear switchable to 50%  
**/PN:** COSMO part night

**/AUX:** Auxiliary start up lamp  
Please check with sales team for compatibility