



# ASTRAL High Mast Flood Light

Product Design Registered

IP 65

## Features

- Unique modular design
- Each module of 60 Watts
- Range from 120 Watts to 540 Watts
- Aesthetically appeal for high bay
- COB or discrete LEDs
- Glass lens or PMMA lenses
- Suspended or surface mount option
- Pressure die cast aluminium housing
- Standard Body Colour: Black. Other options available.

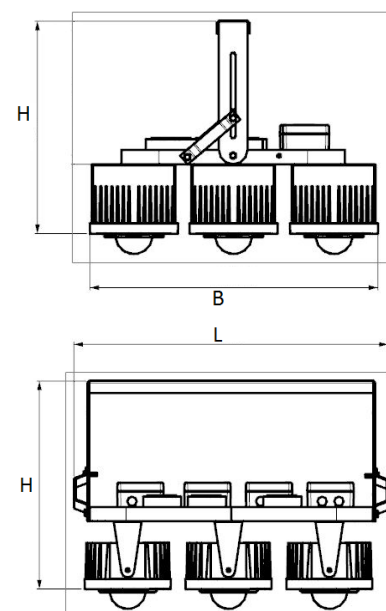
## Mechanical Features

	Product Code	Size (mm) (L x B x H)	Weight
Discrete LEDs and Lenses	XB 09 12 DL	380 X 314 X 321	8 Kg.
	XB 09 14 DL	524 X 314 X 321	13Kg.
	XB 09 16 DL	382 X 382 X 304	16 Kg.
	XB 09 18 DL	504 X 334 X 371	20 Kg.
	XB 09 20 DL	562 X 504 X 371	26 Kg.
COB and Glass Lens	XB 09 52 GL	380 X 314 X 321	8 Kg.
	XB 09 54 GL	524 X 314 X 321	13Kg.
	XB 09 56 GL	382 X 382 X 304	16 Kg.
	XB 09 58 GL	504 X 334 X 371	20 Kg.
	XB 09 60 GL	562 X 504 X 371	26 Kg.

For Pricing Enquiry : [sales@GoldwynLED.com](mailto:sales@GoldwynLED.com)

## Applications

- Security Lighting
- Construction Sites
- Railway Yards
- Open Cast Mines
- Shipyards
- Airports Aprons
- Oil Storage
- Highway Crossings
- Industrial Sheds
- Warehouses



# ASTRAL

## High Mast / Flood Light

### Specifications

Input Voltage	: 100 V - 260 V AC
Frequency	: 50/60 Hz
Power Factor @230 VAC	: > 0.9
Colour Temperatures	: 3000 K / 4000 K / 6000 K
Colour Rendering Index	: > 70
Lumens Efficacy	: > 105 Lumens per Watt
Operating Temperature	: -20° C to 50° C
Ingress Protection	: IP65
Life Span	: 50,000 Hours
Safety Standard	: IEC 60598
EMC/ EMI Standard	: IEC61547 / EN55015
Harmonics	: IEC 61000-3-2

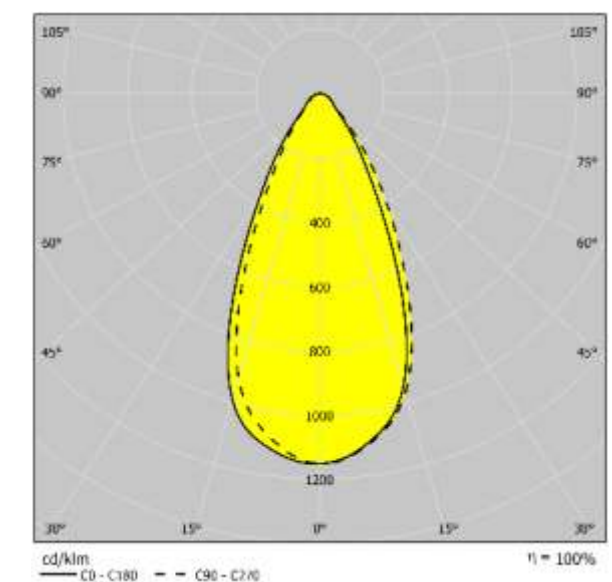


	Product Code	Input Power	System Lumens	Replacement of	Energy Saving
Discrete LEDs and Lenses	XB 09 12 DL	120 Watts	12600	250W MH	58%
	XB 09 14 DL	180 Watts	18900	400W MH	59%
	XB 09 16 DL	240 Watts	25200	600W MH	64 %
	XB 09 18 DL	360 Watts	37800	2 x 400W MH	60 %
	XB 09 20 DL	540 Watts	56700	2 x 400W HPSV	50 %
COB and Glass Lens	XB 09 52 GL	120 Watts	12600	250W MH	58%
	XB 09 54 GL	180 Watts	18900	400W MH	59%
	XB 09 56 GL	240 Watts	25200	600W MH	64 %
	XB 09 58 GL	360 Watts	37800	2 x 400W MH	60 %
	XB 09 60 GL	540 Watts	56700	2 x 400W HPSV	50 %

Specifications subject to change

## Photometric Data

\*Polar Candela Distribution



## Cone Diagram for 360 W XB 09 18 DL

	Center Beam LUX	Beam Width
3.33M	3,920 LUX	3.07 M 3.10 M
6.67M	981 LUX	6.14 M 6.19 M
10.00M	436 LUX	9.21 M 9.29 M
13.33M	245 LUX	12.27 M 12.38 M
16.67M	157 LUX	15.34 M 15.47 M
20.00M	109 LUX	18.41 M 18.57 M

■ Vert. Spread: 49.4°  
■ Horiz. Spread: 49.8°