

# Archimedes

(HB-HT)

**Highbay Light - High Temperature**  
**80w - 350w**

PRODUCT INFORMATION

# AIRIUS HIGHBAY LIGHT - HIGH TEMP (HB-HT) 80W - 350W

Our traditional model Highbay luminaire utilises an innovative heat pipe technology allowing for direct replacement of metal halide highbay luminaires up to 1000w.

## PRODUCT INFORMATION



### UNIT OVERVIEW

	LED Max Power (W):	Typical System Power (W):	System Efficacy:	Typical Luminous Flux (lm):
HB-080 HT	80W	88W	125lm/w	11,000lm
HB-120 HT	100W	130W	123lm/w	16,000lm
HB-150 HT	120W	160W	125lm/w	20,000lm
HB-200 HT	150W	220W	127lm/w	28,000lm
HB-350 HT	200W	350W	126lm/w	44,000lm



### UNIT SPECIFICATIONS

<b>Light Source:</b>	Lumileds Luxeon TX
<b>Correlated Colour Temp:</b>	4000K - 6500K
<b>Colour Rendering Index:</b>	>70 (or >80 available)
<b>LED Junction Temp:</b>	<75°C (@ Ta=25°C)
<b>Expected Lamp Life:</b>	50,000 Hours
<b>Driver:</b>	Meanwell 200-240
<b>Input Voltage Range:</b>	100-277VAC 50/60Hz
<b>Power Factor:</b>	> 0.95
<b>Electrical Class:</b>	Class I
<b>Dimming Control (optional):</b>	0-10V, DALI, PWM
<b>Sensor compatible:</b>	All leading motion or daylight sensors
<b>Ambient Operating Temp:</b>	-40°C to +70°C
<b>Ambient Storage Temp:</b>	-40°C to +85°C
<b>Driver Tc:</b>	-----
<b>Material:</b>	Aluminium
<b>Optical Cover:</b>	Tempered Glass
<b>Finish:</b>	Aluminium (customised RAL colour available upon request)

Data provided by manufacturer and is subject to change at anytime

## FEATURES & BENEFITS

- Up to 127lm/w system efficiency
- Unique, fold fin heatsink technology greatly reduces thermal density and maintains a low LED junction temperature
- Simple installation and maintenance
- Built in safety sling
- Available in IP42 or IP65
- 0-10V or DALI Dimming options and compatible with all leading sensor brands

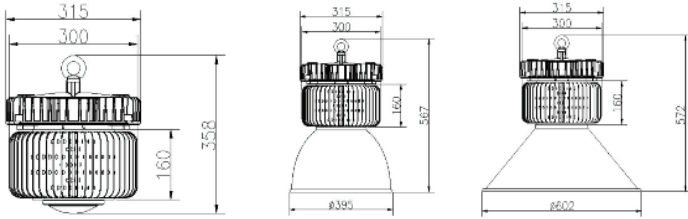
## APPLICATIONS

Designed for high ambient temperature applications such as;

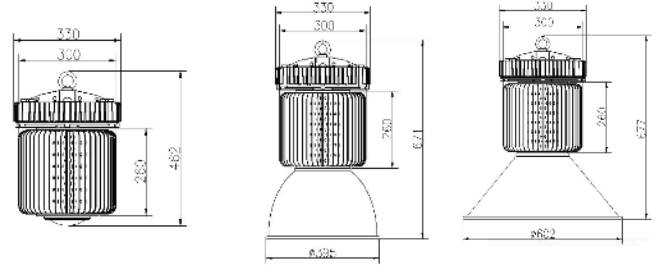
- Plastic moulding facilities
- Power stations
- Foundries
- Plant rooms
- Server rooms

# DIMENSIONS

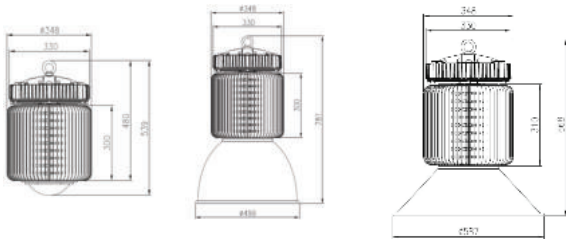
HB-080-HT



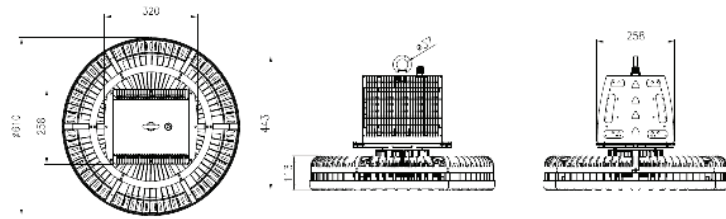
HB-120-HT



HB-200-HT

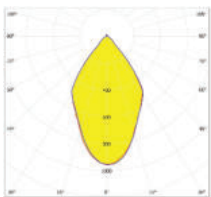


HB-350-HT



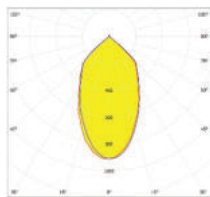
# PHOTOMETRICS

D80



80°

D100



100°

# ORDERING INFORMATION

ORDER CODES

PRODUCT ID:	LED POWER:	COLOUR TEMP:	CRI:	OPTICS:	CONTROL:
HB-HT	080 = 88W	30K = 3000K	70 = Min 70	D80 = 80°x80°	ND = Non-Dimmable
	120 = 130W	40K = 4000K	80 = Min 80	D100 = 100°x100°	VD = 0-10V Dimmable
	150 = 160W	50K = 5000K			PW = PWM Dimmable
	200 = 220W				DD = DALI Dimmable
	350 = 350W				

\*PLEASE NOTE: Actual performance may differ as a result of end-user environment and application. All values are typical values measured under laboratory conditions at 25°C. Specifications subject to change without notice.