

Archimedes

(HB-HT)

Highbay Light - High Temperature
80w - 350w

PRODUCT INFORMATION

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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.



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

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

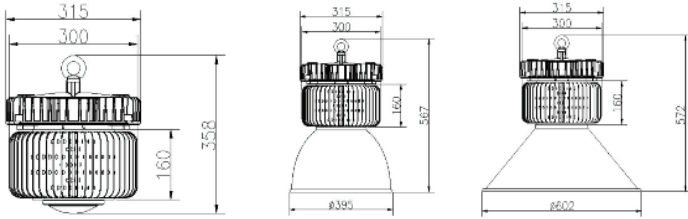
APPLICATIONS

Designed for high ambient temperature applications such as;

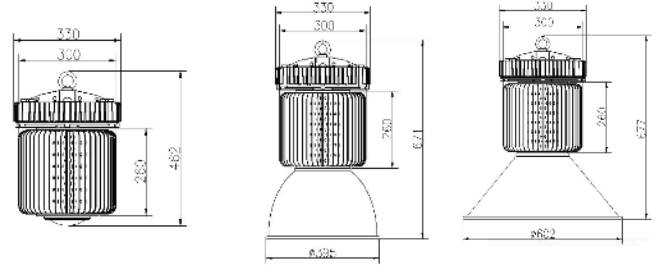
- Plastic moulding facilities
- Power stations
- Foundries
- Plant rooms
- Server rooms

DIMENSIONS

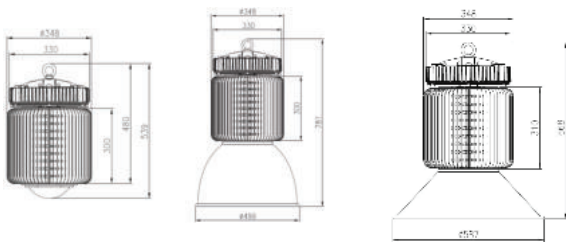
HB-080-HT



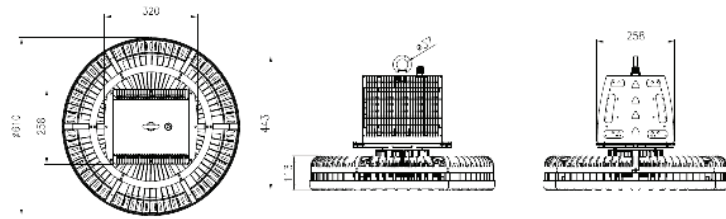
HB-120-HT



HB-200-HT

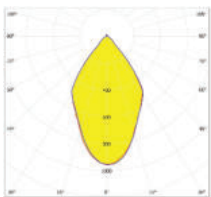


HB-350-HT



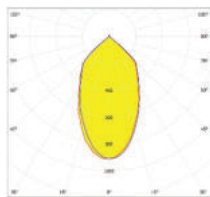
PHOTOMETRICS

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.