AIRIUS®
Lighting Solutions

Archimedes

(HB)

Highbay Light
80w - 400w

PRODUCT INFORMATION

AIRIUS lighting solutions

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AIRIUS HIGHBAY LIGHT
(HB) 80W - 400W

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	80W	88W	110lm/w	9,500lm
HB-100	100W	110W	110lm/w	12,000lm
HB-100	120W	132W	110lm/w	15,000lm
HB-150	150W	160W	110lm/w	16,500lm
HB-200	200W	220W	110lm/w	24,000lm
HB-250	250W	275W	110lm/w	30,000lm
HB-300	300W	320W	110lm/w	33,000lm
HB-350	350W	385W	110lm/w	42,000lm
HB-400	400W	440W	110lm/w	47,000lm

IP 65

IP 40

SAA APPROVALS

8YR WARRANTY

UNIT SPECIFICATIONS

Light Source:	Lumileds mid-power 3030 / Osram LEDs
Correlated Colour Temp:	3000K - 7000K
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:	100-305VAC 50/60Hz
Power Factor:	> 0.90
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 +50°C
Ambient Storage Temp:	-25°C to +80°C
Driver Tc:	----------
Material:	Aluminium
Optical Cover:	Polycarbonate or Tempered Glass
Finish:	Aluminium (customised RAL colour available upon request)

Data provided by manufacturer and is subject to change at anytime

FEATURES & BENEFITS

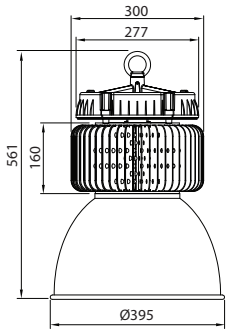
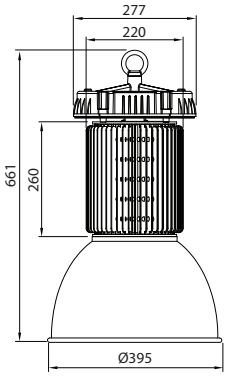
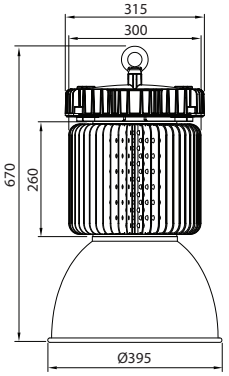
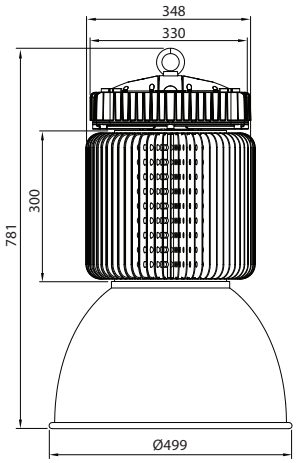
- Up to 110lm/w system efficiency
- Unique, fold fin heatsink technology greatly reduces thermal density and maintains a low LED junction temperature
- Simple installation and maintenance
- Optional lens for narrow and wide beam patterns and glare reduction
- Built in safety sling
- Available in IP40 or IP65
- 0-10V or DALI Dimming options and compatible with all leading sensor brands

APPLICATIONS

Designed for low or high ceiling, open space applications such as;

- Warehouses
- Logistic centers
- Production workshops
- Storage facilities
- Car Showrooms
- Supermarkets

DIMENSIONS

HB-080	HB-100 / 120 / 150	HB-200 / 250	HB-300 / 350 / 400
			
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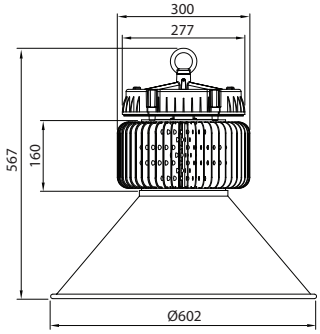	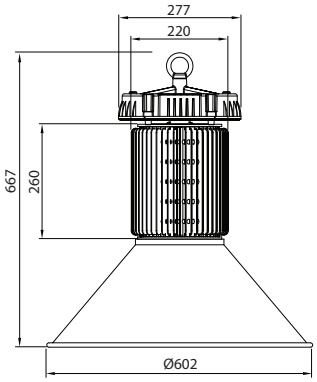	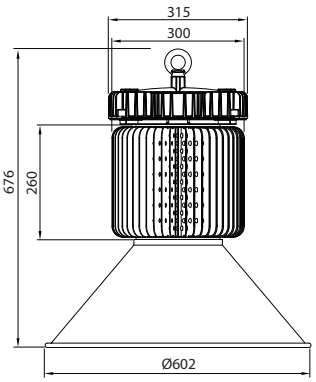	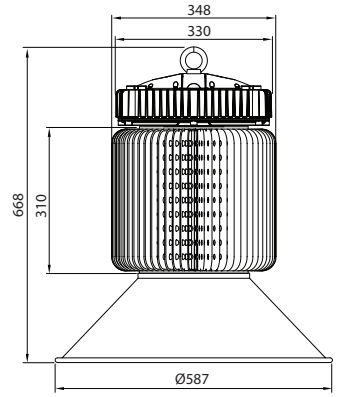
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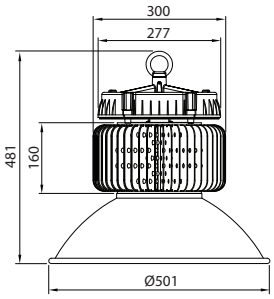
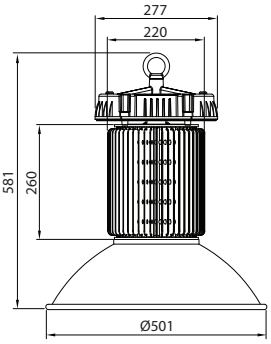
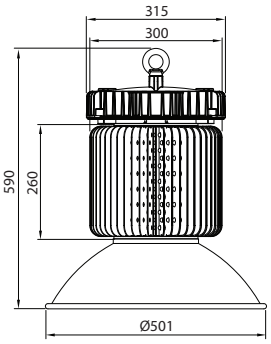
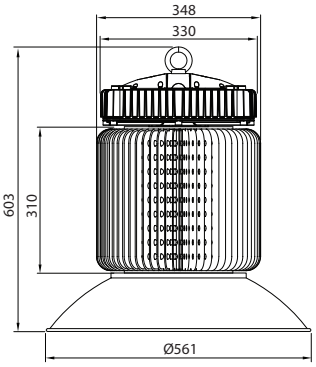
			
(120° Reflector)	(120° Reflector)	(120° Reflector)	(120° Reflector)

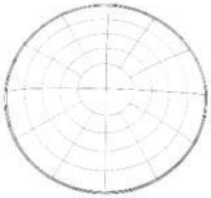
ACCESSORIES

PC Reflector

80° Aluminum Reflector

100° Aluminum Reflector

120° Aluminum Reflector



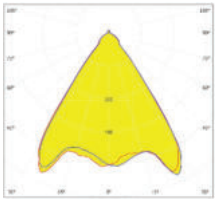
Wire Guard

Frosted Module

Glass Cover

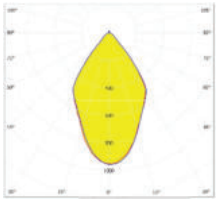
PHOTOMETRICS

PC



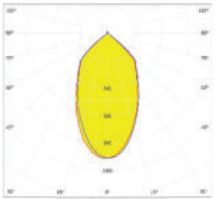
PC Reflector

D80



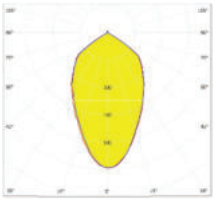
80°

D100



100°

D120



120°

ORDERING INFORMATION

ORDER CODES

PRODUCT ID:	LED POWER:	COLOUR TEMP:	CRI:	OPTICS:	CONTROL:
HB	080 = 80W	40K = 4000K	70 = Min 70	D80 = 80°x80°	ND = Non-Dimmable
	100 = 100W	50K = 5000K	80 = Min 80	D100 = 100°x100°	VD = 0-10V Dimmable
	150 = 150W	65K = 6500K		D120 = 120°x120°	PW = PWM Dimmable
	200 = 200W			PC = Polycarbonate (120°x120°)	DD = DALI Dimmable
	300 = 300W				
	350 = 350W				
	400 = 400W				

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