



Socrates

(HBR/HBR-L/HBP/HBB)

Round Highbay Light
70w - 200w

PRODUCT INFORMATION

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AIRIUS ROUND HIGHBAY LIGHT (HBR/HBR-L/HBP/HBB) 70W - 200W

Optimised for the emerging smart highbay market & designed to fit with all leading sensor brands the Socrates range is available with a full range of outputs from 5,200 to 32,000 lumens.



UNIT OVERVIEW

	LED Max Power (W):	Typical System Power (W):	System Efficacy:	Typical Luminous Flux (lm):
HBR-070	70W	77W	145lm/w	11,000lm
HBR-090	90W	99W	145lm/w	14,200lm
HBR-120	120W	132W	143lm/w	18,800lm
HBR-150	150W	150W	140lm/w	22,400lm
HBR-200	200W	210W	140lm/w	28,000lm
HBR-070L	70W	77W	130lm/w	10,000lm
HBR-090L	90W	99W	130lm/w	12,800lm
HBR-120L	120W	132W	128lm/w	16,800lm
HBR-150L	150W	160W	125lm/w	20,000lm
HBR-200L	200W	210W	125lm/w	25,000lm
HBB-070	70W	77W	145lm/w	11,000lm
HBB-090	90W	99W	145lm/w	14,200lm
HBB-120	120W	132W	143lm/w	18,800lm
HBB-150	150W	160W	140lm/w	22,400lm
HBB-200	200W	200W	140lm/w	28,000lm
HBP-070	70W	77W	160lm/w	12,300lm
HBP-090	90W	99W	160lm/w	15,800lm
HBP-120	120W	132W	158lm/w	21,200lm
HBP-150	150W	160W	155lm/w	25,600lm
HBP-200	200W	200W	155lm/w	32,000lm



UNIT SPECIFICATIONS

Light Source:	Lumileds / Osram Mid-Power LED
Correlated Colour Temp:	3000K, 4000K, 5000K, 5700K, 6500K
Colour Rendering Index:	>70 (or >80 available)
LED Junction Temp:	<75°C (@ Ta=25°C)
Expected Lamp Life:	100,000 Hours
Driver:	Meanwell HBG / ELG with Driver Box, Inventronics EUR
Input Voltage Range:	100-305VAC 50/60Hz
Power Factor:	> 0.90
Electrical Class:	Class I (or Class II available)
Dimming Control (optional):	0-10V, PWM, DALI, Zigbee
Sensor compatible:	All leading motion or daylight sensors
Ambient Operating Temp:	-40°C to +45°C
Ambient Storage Temp:	-25°C to +80°C
Driver Tc:	-----
Material:	Aluminium
Optical Cover:	Tempered Glass
Finish:	Black powder coated (customised RAL colour available upon request)

Data provided by manufacturer and is subject to change at anytime

FEATURES & BENEFITS

- Up to 160lm/w system efficacy
- Premium grade aluminum die cast housing and stainless steel hardware
- 60° or 120° Beam angle options
- Simple installation and maintenance
- Optional lens for narrow or wide beam patterns and glare reduction
- 0-10V or DALI Dimming options and compatible with all leading sensor brands

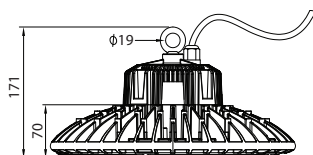
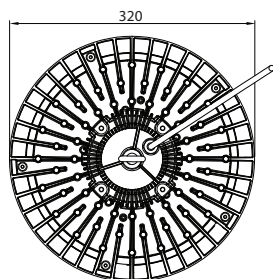
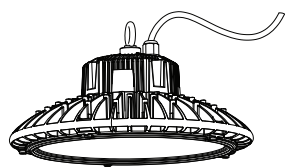
APPLICATIONS

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

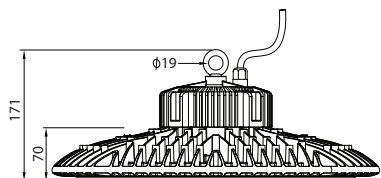
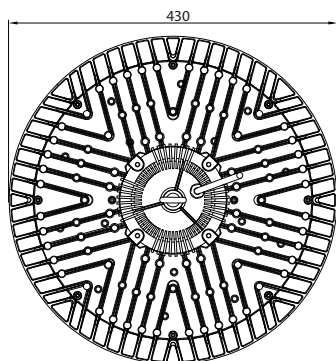
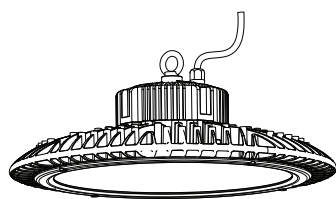
- Warehouses
- Logistic centers
- Production workshops
- Storage facilities
- Commercial spaces

DIMENSIONS

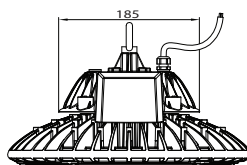
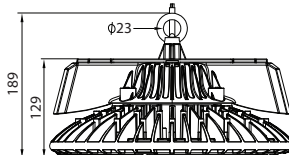
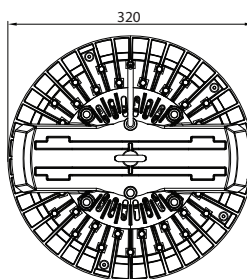
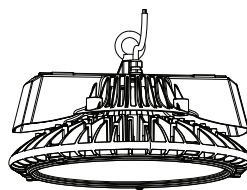
HBR-070 / 090 / 120



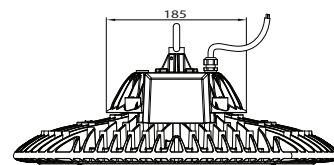
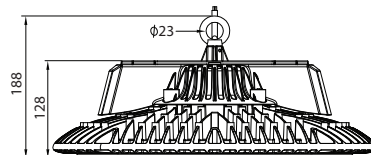
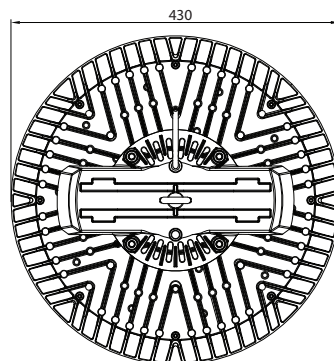
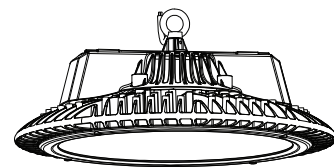
HBR-150 / 200



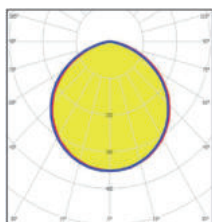
HBP-070 / 090



HBP-150 / 200



PHOTOMETRICS



120°

ORDERING INFORMATION

ORDER CODES

PRODUCT ID:	LED POWER:	COLOUR TEMP:	CRI:	OPTICS:	CONTROL:
HBR	070 = 70W	30K = 3000K	70 = Min 70	120°	ND = Non-Dimmable
HBR-L	090 = 90W	40K = 4000K	80 = Min 80		VD = 0-10V Dimmable
HBB	120 = 120W	50K = 5000K			PW = PWM Dimmable
HBP	150 = 150W	57K = 5700K			DD = DALI Dimmable
	200 = 200W	65K = 6500K			

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.