



LUXPOINT® LED Highbay - Herbert 3CCT

Datasheet



The Herbert series LED Highbay lights is energy-efficient, long-lasting illumination solutions designed for high-ceiling industrial and commercial spaces. Featuring a 3CCT selectable switch, it allows users to easily adjust the color temperature to suit different environments. The well-designed die-casting aluminum heat sink with high-efficiency lens achieve a perfect balance between convenience and practicality. With long life time ranges to 80,000 hours, The Herbert series LED Highbay lights also substantially reduce maintenance requirements, ensuring long-lasting, reliable illumination.

Benefits

- High efficiency
- Compact size and easy installation
- High protection rating
- Versatility of Size
- Wide Range of Application
- Power switchable (High / Mid / Low)

Applications

- Workshops, assembly lines
- Warehouse, logistics
- Industrial and commercial halls
- Public areas (airports, stations, stadiums)
- Auxiliary rooms, car parks

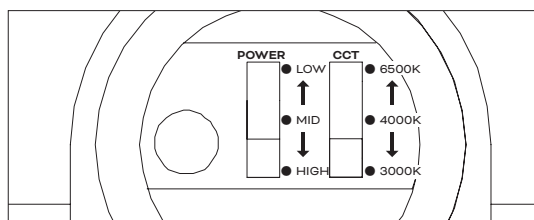
LUXPOINT® LED Highbay - Herbert 3CCT

Technical Data

Optical Specifications

Wattage	94W	150W	200W
Luminous Flux @CCT	3000K 15000lm	22500lm	30000lm
	4000K 15000lm	22500lm	30000lm
	6500K 15000lm	22500lm	30000lm
Total luminous flux of contained light sources @CCT	3000K 15500lm	23500lm	31000lm
	4000K 15500lm	23500lm	31000lm
	6500K 15500lm	23500lm	31000lm
Luminaire Efficacy	3000K 160lm/W	150lm/W	150lm/W
	4000K 160lm/W	150lm/W	150lm/W
	6500K 160lm/W	150lm/W	150lm/W
Flickering metric (Pst LM)	<1		
Stroboscope effect metric (SVM)	<0.4		
CRI	≥80		
SDCM	< 5		
Beam Angle	60° / 90° / 120°		
Photobiological safety group acc. To EN62778	RG0		
Photobiological safety group acc. To EN62471	RG0		
Dimmable	0 - 10V Dim		

Power Switching



HIGH (Default)

Wattage	94W	150W	200W
Luminous Flux @CCT	3000K 15000lm	22500lm	30000lm
	4000K 15000lm	22500lm	30000lm
	6500K 15000lm	22500lm	30000lm
Luminaire Efficacy	3000K 160lm/W	150lm/W	150lm/W
	4000K 160lm/W	150lm/W	150lm/W
	6500K 160lm/W	150lm/W	150lm/W

MID

Wattage	85W	120W	160W
Luminous Flux @CCT	3000K 13600lm	18600lm	24800lm
	4000K 13600lm	18600lm	24800lm
	6500K 13600lm	18600lm	24800lm
Luminaire Efficacy	3000K 160lm/W	155lm/W	155lm/W
	4000K 160lm/W	155lm/W	155lm/W
	6500K 160lm/W	155lm/W	155lm/W

LOW

Wattage	70W	90W	120W
Luminous Flux @CCT	3000K 11500lm	14400lm	19200lm
	4000K 11500lm	14400lm	19200lm
	6500K 11500lm	14400lm	19200lm
Luminaire Efficacy	3000K 165lm/W	160lm/W	160lm/W
	4000K 165lm/W	160lm/W	160lm/W
	6500K 165lm/W	160lm/W	160lm/W

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Technical Data

Electrical and Mechanical Specifications

Input Voltage		220-240V~ 50/60Hz		
Nominal Current		450mA	690mA	920mA
Inrush current		60A	61A	68A
Inrush current time Th50		111µs	157µs	213µs
Power Factor		0.95	0.9	0.9
Max. number of luminaires per miniature circuit breaker	B16	18	19	14
	C10	12	12	9
	C16	18	19	14
Total Harmonic Distortion		<15%		
Surge Protection		L-N: 6kV, L/N-PE: 6kV		
Protection class		Class I		
Dimensions	Height	147mm	147mm	154mm
	Diameter	Ø231mm	Ø261mm	Ø297mm
Weight		1550g	1890g	2255g
Housing		Die-cast aluminum		
Diffuser		Polycarbonate (PC)		
Replaceable light source		No		
Replaceable Control gear		No		
Glow wire test according to IEC60695-2-12		650°C		

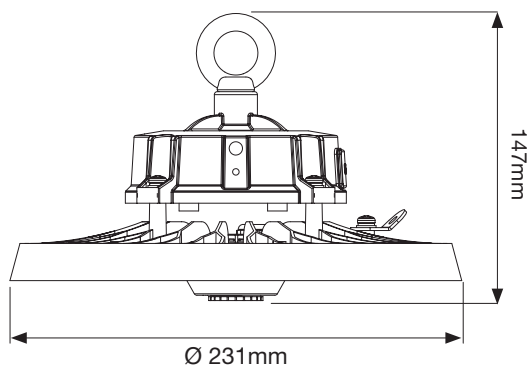
System Specifications

Power	AC mains
Operating Temperature	-20°C ~ 45°C
Storage Temperature	-20°C ~ 60°C
Lifespan L70/B50 at 45°C	50,000 hours
Lifespan L70/B50 at 25°C	80,000 hours
Lifespan L80/B10 at 45°C	30,000 hours
Lifespan L80/B10 at 25°C	50,000 hours
Number of switching cycles	50,000
Environment	Indoor
Ingress Protection	IP65
Impact Resistance	IK08
Safety Approval	CE, UKCA, RoHS
Mercury content	0.0mg
Warranty	5 years

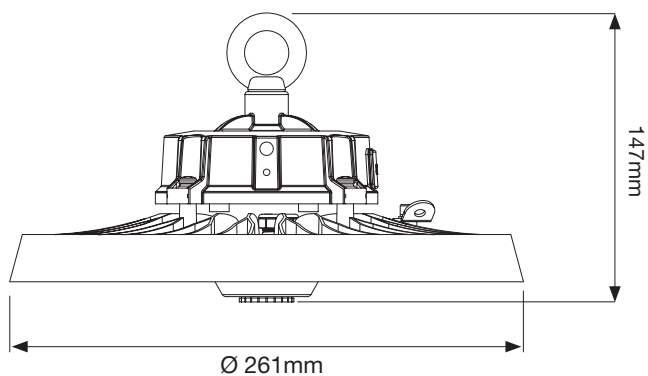
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Dimension

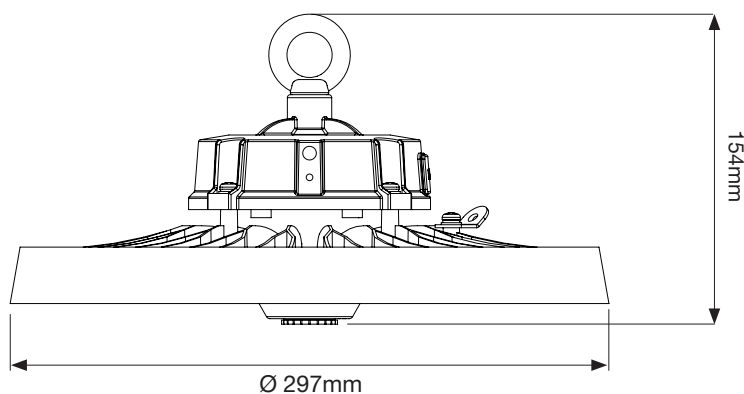
94W



150W



200W



Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release.

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Ordering codes

Fixture

Short Text	Wattage	CCT	Fixture Lumen	Light Source Lumen	Beam angle	Item code	EAN-13
LP HB MINI 94W 840/850/865 60 DIM	94W	3000K/4000K/6500K	15000lm	15500lm	60°	TXGL26100141655	4895271102616
LP HB MINI 94W 840/850/865 90 DIM	94W	3000K/4000K/6500K	15000lm	15500lm	90°	TXGL26100141755	4895271102623
LP HB MINI 94W 840/850/865 120 DIM	94W	3000K/4000K/6500K	15000lm	15500lm	120°	TXGL26100141855	4895271102630
LP HB MIDI 150W 840/850/865 60 DIM	150W	3000K/4000K/6500K	22500lm	23500lm	60°	TXGL26100141955	4895271102647
LP HB MIDI 150W 840/850/865 90 DIM	150W	3000K/4000K/6500K	22500lm	23500lm	90°	TXGL26100142055	4895271102654
LP HB MIDI 150W 840/850/865 120 DIM	150W	3000K/4000K/6500K	22500lm	23500lm	120°	TXGL26100142155	4895271102661
LP HB MAXI 200W 840/850/865 60 DIM	200W	3000K/4000K/6500K	30000lm	31000lm	60°	TXGL26100142255	4895271102678
LP HB MAXI 200W 840/850/865 90 DIM	200W	3000K/4000K/6500K	30000lm	31000lm	90°	TXGL26100142355	4895271102685
LP HB MAXI 200W 840/850/865 120 DIM	200W	3000K/4000K/6500K	30000lm	31000lm	120°	TXGL26100142455	4895271102692

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