



LUXPOINT® LED Highbay - Herbert

Datasheet



The Herbert series LED Highbay lights is energy-efficient, long-lasting illumination solutions designed for high-ceiling industrial and commercial spaces. 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

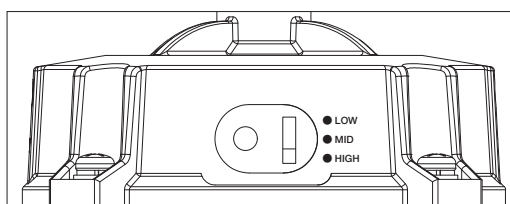
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Technical Data

Optical Specifications

Wattage		94W	150W	200W
Luminous Flux @CCT	3000K	14000lm	21000lm	28000lm
	4000K	15000lm	22500lm	30000lm
	6500K	15000lm	22500lm	30000lm
Total luminous flux of contained light sources @CCT	3000K	14500lm	22000lm	29000lm
	4000K	15500lm	23500lm	31000lm
	6500K	15500lm	23500lm	31000lm
Luminaire Efficacy	3000K	150lm/W	140lm/W	140lm/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	14000lm	21000lm	28000lm
	4000K	15000lm	22500lm	30000lm
	6500K	15000lm	22500lm	30000lm
Luminaire Efficacy	3000K	150lm/W	140lm/W	140lm/W
	4000K	160lm/W	150lm/W	150lm/W
	6500K	160lm/W	150lm/W	150lm/W

MID

Wattage		85W	120W	160W
Luminous Flux @CCT	3000K	12750lm	18000lm	24000lm
	4000K	13600lm	18600lm	24800lm
	6500K	13600lm	18600lm	24800lm
Luminaire Efficacy	3000K	150lm/W	150lm/W	150lm/W
	4000K	160lm/W	155lm/W	155lm/W
	6500K	160lm/W	155lm/W	155lm/W

LOW

Wattage		70W	90W	120W
Luminous Flux @CCT	3000K	10850lm	13950lm	18600lm
	4000K	11500lm	14400lm	19200lm
	6500K	11500lm	14400lm	19200lm
Luminaire Efficacy	3000K	155lm/W	155lm/W	155lm/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	15	9
	C10	12	9	7
	C16	18	15	11
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		1527g	1909g	2304g
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		

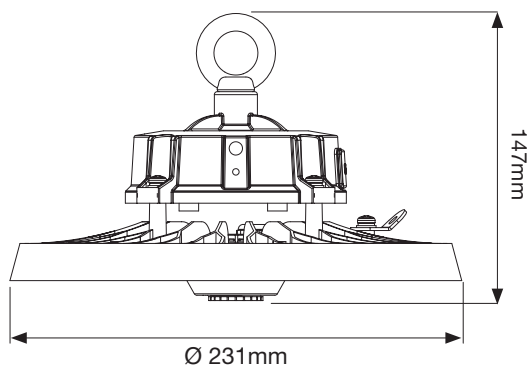
System Specifications

Power	AC mains
Operating Temperature	-10°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

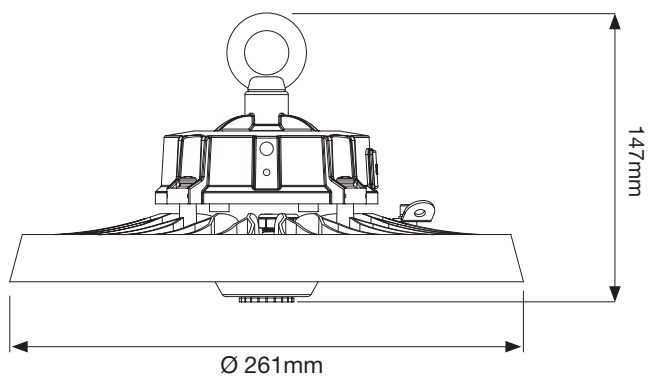
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Dimension

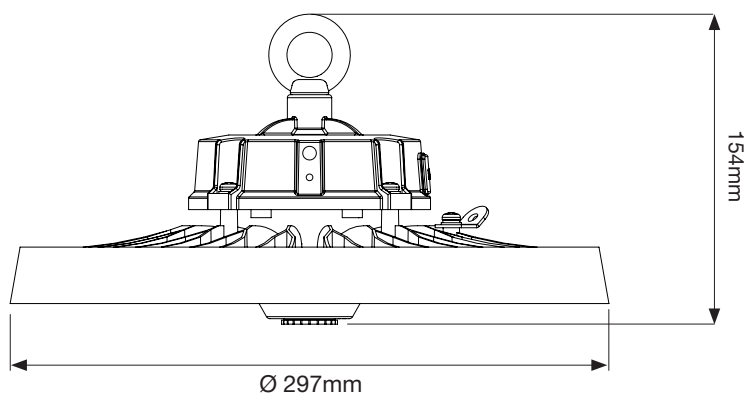
94W



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 830 60 DIM	94W	3000K	14000lm	14500lm	60°	TXGL25100023455	4897135736647
LP HB MINI 94W 840 60 DIM	94W	4000K	15000lm	15500lm	60°	TXGL25100023555	4897135736654
LP HB MINI 94W 865 60 DIM	94W	6500K	15000lm	15500lm	60°	TXGL25100023655	4897135736661
LP HB MINI 94W 830 90 DIM	94W	3000K	14000lm	14500lm	90°	TXGL25100023755	4897135736678
LP HB MINI 94W 840 90 DIM	94W	4000K	15000lm	15500lm	90°	TXGL25100023855	4897135736685
LP HB MINI 94W 865 90 DIM	94W	6500K	15000lm	15500lm	90°	TXGL25100023955	4897135736692
LP HB MINI 94W 830 120 DIM	94W	3000K	14000lm	14500lm	120°	TXGL25100024055	4897135736708
LP HB MINI 94W 840 120 DIM	94W	4000K	15000lm	15500lm	120°	TXGL25100024155	4897135736715
LP HB MINI 94W 865 120 DIM	94W	6500K	15000lm	15500lm	120°	TXGL25100024255	4897135736722
LP HB MIDI 150W 830 60 DIM	150W	3000K	21000lm	22000lm	60°	TXGL25100024355	4897135736739
LP HB MIDI 150W 840 60 DIM	150W	4000K	22500lm	23500lm	60°	TXGL25100024455	4897135736746
LP HB MIDI 150W 865 60 DIM	150W	6500K	22500lm	23500lm	60°	TXGL25100024555	4897135736753
LP HB MIDI 150W 830 90 DIM	150W	3000K	21000lm	22000lm	90°	TXGL25100024655	4897135736760
LP HB MIDI 150W 840 90 DIM	150W	4000K	22500lm	23500lm	90°	TXGL25100024755	4897135736777
LP HB MIDI 150W 865 90 DIM	150W	6500K	22500lm	23500lm	90°	TXGL25100024855	4897135736784
LP HB MIDI 150W 830 120 DIM	150W	3000K	21000lm	22000lm	120°	TXGL25100024955	4897135736791
LP HB MIDI 150W 840 120 DIM	150W	4000K	22500lm	23500lm	120°	TXGL25100025055	4897135736807
LP HB MIDI 150W 865 120 DIM	150W	6500K	22500lm	23500lm	120°	TXGL25100025155	4897135736814
LP HB MAXI 200W 830 60 DIM	200W	3000K	28000lm	29000lm	60°	TXGL25100025255	4897135736821
LP HB MAXI 200W 840 60 DIM	200W	4000K	30000lm	31000lm	60°	TXGL25100025355	4897135736838
LP HB MAXI 200W 865 60 DIM	200W	6500K	30000lm	31000lm	60°	TXGL25100025455	4897135736845
LP HB MAXI 200W 830 90 DIM	200W	3000K	28000lm	29000lm	90°	TXGL25100025555	4897135736852
LP HB MAXI 200W 840 90 DIM	200W	4000K	30000lm	31000lm	90°	TXGL25100025655	4897135736869
LP HB MAXI 200W 865 90 DIM	200W	6500K	30000lm	31000lm	90°	TXGL25100025755	4897135736876
LP HB MAXI 200W 830 120 DIM	200W	3000K	28000lm	29000lm	120°	TXGL25100025855	4897135736883
LP HB MAXI 200W 840 120 DIM	200W	4000K	30000lm	31000lm	120°	TXGL25100025955	4897135736890
LP HB MAXI 200W 865 120 DIM	200W	6500K	30000lm	31000lm	120°	TXGL25100026055	4897135736906

Service contact:
 Traxon Technologies Ltd.
 Room 113, Wireless Centre, 3 Science Park East Avenue, Shatin,
 Hong Kong, China
www.traxon-ecue.com

Traxon Technologies Europe GmbH
 Karl-Schurz-Str. 38, 33100 Paderborn, Germany