LMXLED

ELECTRICAL INFORMATION

Model No.	LHBHT-100	LHBHT-150	LHBHT-200
Power Consumption (±5%)	100W	150W	200W
Power Supply	MEANWELL		
Input Voltage	100-240 VAC 50 / 60 Hz		
Power Factor	0.92		
Surge Protection	4kV line-line,6kV line-earth		
Driver Type	Constant Current (CC)		
Control	Dimmable, DALI, Microwave Sensor		
	Zigbee Wireless Control, PIR		

CE SAA CB D RoHS

DESCRIPTION

LMX'S Hi-TEMP high-bay is able to operate in temperatures at 70°c, this is due to superior thermal management. With upto 190lm/w available, the Hi-TEMP can substantially reduce your energy costs and carbon footprint. With up to 10 years warranty on ambient temperatures lower than 50°c and 5 year warranty at 70°c the Hi-TEMP is the perfect solution for hot and humid environments, specifically designed to withstand the harsh elements arising from extremely hot working conditions. The HI-TEMP is designed to protect the LED chip lifetime where heat is its greatest enemy and will accelerate the lumen decrease of the fixture.

OPTIC INFORMATION

LED Type	LED 3030		
Luminous Flux (±10%)	14000lm	21000lm	28000lm
Efficacy(5000K Ra70)	140-150 LM/W		
Correlated Colour Temperature	5000K (3000K, 4000K optional)		
Colour Rendering Index	Ra70 (Ra80 optional)		
Beam Angle	60˚ /90˚ /120˚		
UGR level	<25		

DIMENSIONS AND MOUNT

Product Dimension	φ360 x 186mm	
Luminaire Net Weight	3.9±0.3kg	4.3±0.3kg
Export Carton Size	428×428×225mm	
Gross Weight	5.3±0.3kg	5.7±0.3kg
Mounting Option	Loop Hanging	
	Ceiling Mounting	
Material	Aluminium Alloy	
	Polycarbonate Optical Lens	
Finish	Powder Coating	
Fixture Colour	Black	
EPA	NA	
IK Rating	IP08	
IP Rating	IP65	

KEY FEATURES

• Plug and play sensor, Zigbee wireless control.
• High efficacy up to 190lm/w.
• Smart control all in one, including emergency, Dali, PIR, DaylightBuilt-in microwave motion sensor.
• Multiple mounting options.
• Various beam angles.
• Up to 10 year warranty.

LIFESPAN AND WARRANTY

Operating Temperature	-30°C to 50°C
Life Time of LED @Ta=25°C	53000hrs-L90
	110000hrs-L80
	175000hrs-L70
Warranty	5 Years

APPLICATIONS

• **Metal Works**
• **Ceramic Factories**
• **Steel Manufacturers**
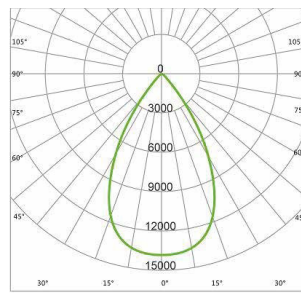• **Smelters, Glass Factories & Furnaces**

NEW FEATURES

Please consult us for details.

LMXLED

PHOTOMETRY
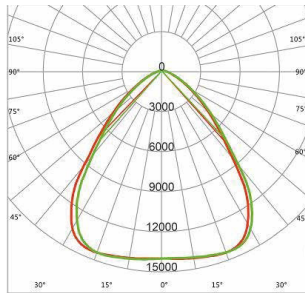
(90°PC Lens)

(60°PC Lens)

(120°PC Lens)

DIMENSIONS

φ146 (5.75")
φ25 (0.98")
68 (2.68")
186 (7.32")
φ360 (14.17")

100W / 150W

φ130 (5.12")
φ25 (0.98")
68 (2.68")
186 (7.32")
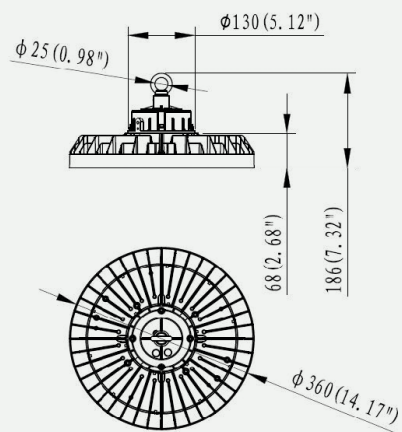φ360 (14.17")
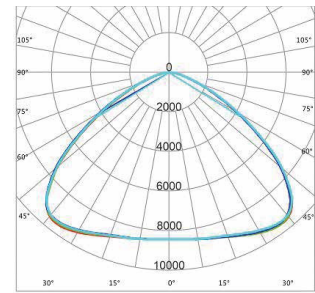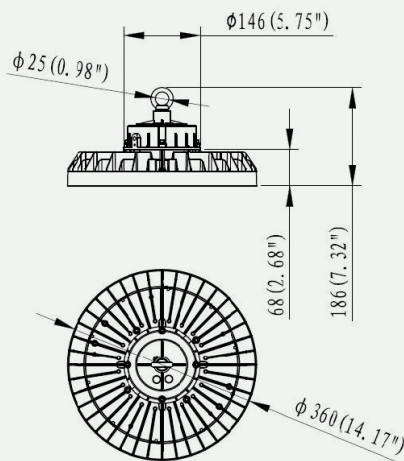
200W

MOUNTING OPTIONS

Loop Hanging

Ceiling Mounting

ACCESSORIES

Aluminium reflectors

Different beam angle, anti glare effect

Code: AR 90°

PC reflector

90°PC reflector with lid.

Code: PCR 90°

Non adjustable bracket

SPCC materials with outdoor powder coating, Non adjustable.

Code: NAB

±60° adjustable bracket

SPCC materials with outdoor powder coating.

Code: AB 60

Pipe mount bracket

support 3/4 NPT.

Code: PMB

Safety chain

304 stainless steel, available for 0.25m, 1m, 1.5m and 5m long.

Code: SC

Zigbee wireless controller

1pcs for each luminaire.

Zigbee gateway

1pcs can control 100pcs fixtures.

Code: ZW

PRODUCT ORDERING CODES

SERIES	POWER	CCT (K)	OPTICS	CONTROL	EMERGENCY	MOUNT	ACCESSORY	FINISH
LHBHT	100w	3	60	DA (DALI)	(EMERGENCY)	L (LOOP)	AR (ALUMINIUM REFLECTORS)	B (BLACK)
	150w	4	90	D (DIMMABLE)		C (CEILING)	PC (PC REFLECTOR)	
	200w	5	120	ZW (ZIGBEE WIRELESS)			AB (ADJUSTABLE BRACKET)	
				ZD (ZIGBEE DAYLIGHT)			SC (SAFETY CHAIN)	
				ZMS (ZIGBEE MICROWAVE SENSOR)			NB (NON ADJ BRACKET)	
							P (PIPE MOUNT BRACKET)	
							Z(ZIGBEE CONTROLLER)	

Example order code for 100w, 5k, 120 degree angle, Dali, emergency, ceiling, aluminium reflectors, black
PRODUCT CODE: LHBHT1005120DAECARB
PRODUCT NAME: HI TEMP