

HB58 HiRobust

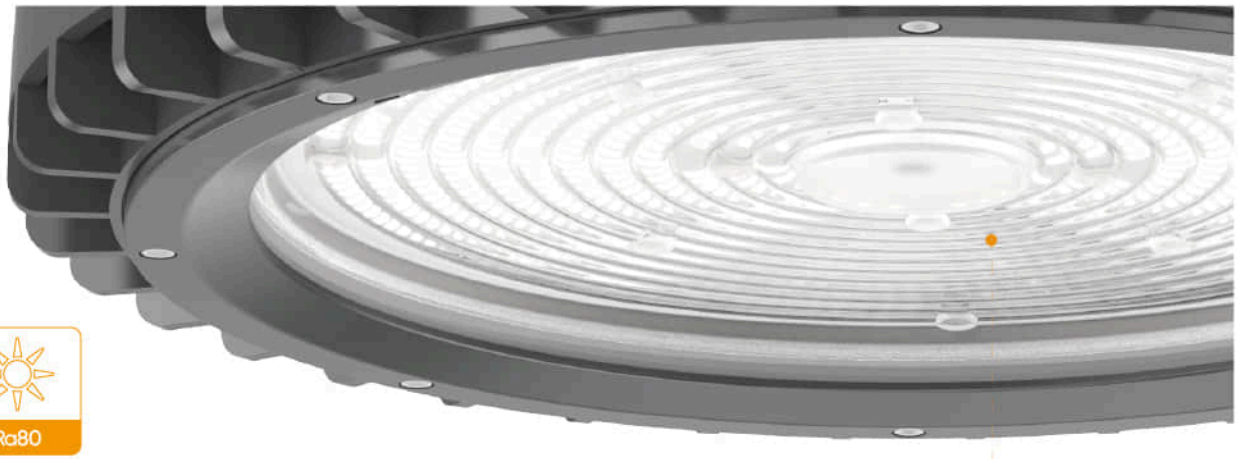
A Robust LED Lighting Fixture with the Features of High Temperature and Corrosion Resistance

Designed for heavy industry applications, such as the metallurgy industry, machinery manufacturing, paper-making, sugar-making, plastic production etc.

160lm/W | 190lm/W | IK10/IP66 | Microwave | PIR | DALI 2.0 | Zhaga | CASAMBI | Ta 60°C | Ta 70°C | C4 Anti-corrosion

Impressive Lumen Efficiency 190lm/W, Ra80

Delivers bright and uniform illumination, ensuring optimal visibility and productivity in industrial environments.



190lm/W

Ra80

Tempered Glass Solution is customizable

In heavy oil environments, the oil can easily get stuck on the surface of the lens, making it difficult to clean and dissipate heat. After long-term use, the optic lens tends to turn yellow. The tempered glass can protect the internal optic well.



Robust design, double protection

IP66 and IK10.

IP66

IK10

High Temperature and Corrosion Resistance

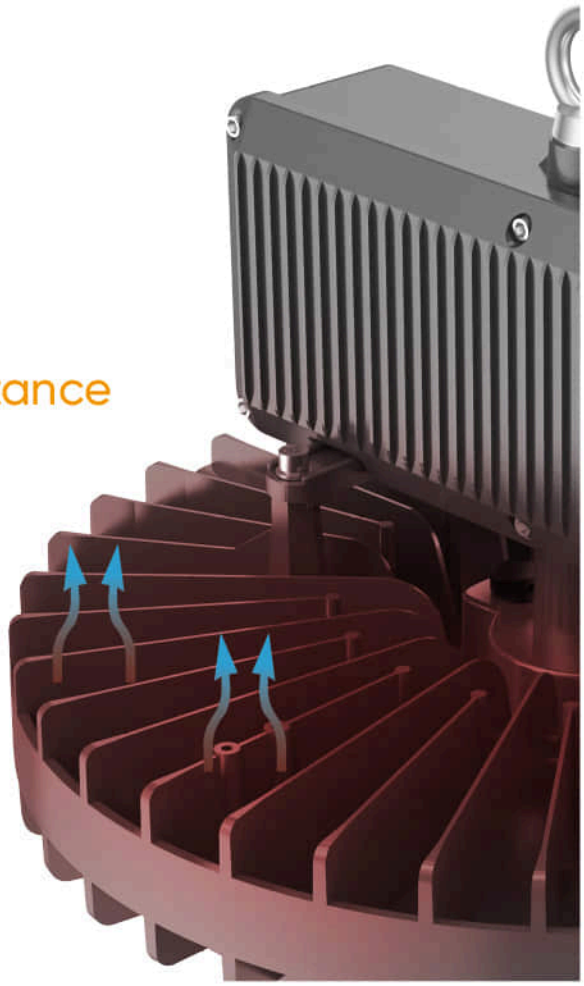
Adopt low cooper aluminum and special powder coating, offering excellent performance in high temperatures and remaining corrosion resistant, ensuring long-term reliability.

60°C

70°C

C4

ISO 9223: 2012



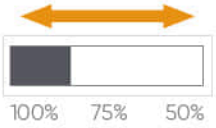
Note: To protect the lifespan of the driver and luminaire.
When the ambient temperature reaches 65°C, the power will decrease by 20%.
When the ambient temperature reaches 70°C, the power will decrease by 40%.
Sensor function is not applicable for 65deg and 70deg ambient.

Power Adjustable

Allowing users to customize the brightness according to their specific requirements







Power adjustable

Zhaga base for Intelligent Control



PIR Microwave Casambi

Flexible installation for various application

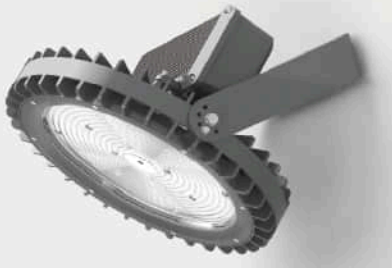
Could be as Highbay light and Floodlight for indoor and outdoor projects.
Floodlight type passed 3G vibration testing.

1



Highbay light

2



Floodlight

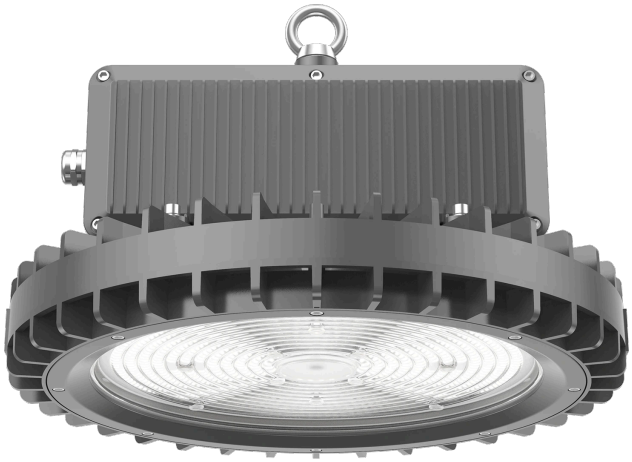


ADDITIONAL PRODUCT SPECIFICATIONS

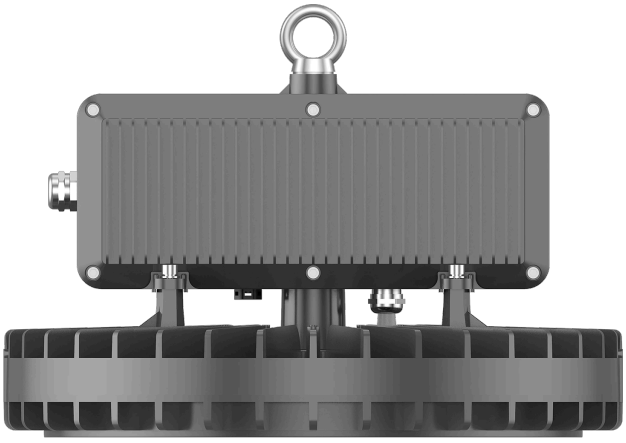
Series Code	HB58
Power	200W
Efficacy	160lm/W, 180lm/W
Input Voltage	120-240 VAC, 50 / 60 Hz
Power Factor	>0.92
CCT	4000K, 5000K
CRI(Ra)	70, 80
Control	Microwave Sensor, PIR Sensor, Casambi, DALI, Zhaga Socket
Corrosion Class	C4
IP Rating	IP66
IK Rating	IK10
Mounting Option	Loop Hanging, Ceiling Mounting, Bracket Mounting
Warranty	5 Years
Surge Protection	6kV line-line, 10kV line-earth
Operating Temperature	-30°C to + 70°C

HB58 is specifically designed for high-temperature environments of up to 70°C. With a high luminous efficacy up to 180 lm/W, it offers excellent energy efficiency. The specially engineered heat sink effectively dissipates heat, helping to maintain performance and extend the fixture's lifespan. IP66 and IK08 ratings provide strong protection against dust, water, and impact. Additionally, 0-10V dimming is available to support the greater energy savings. It is ideal for applications such as steel mills, processing facilities, and power plants.

PRODUCT VIEWS



VIEW 1



VIEW 2



VIEW 3