

High Temperature HB Series

LED High Bay Light

Description

High Temperature High Bay Light, is suitable for use in ambient high temperature working areas where operation temperature may reach 176°F(80°C), such as steel plant, aluminum smelter, and other high-temperature, dust, corrosive gas environment.

The HB Series high heat resistant lights combine great optical performance, energy efficiency and outstanding versatility to meet the requirements of lighting applications in high-temperature, dust, corrosive gas environment, delivering a wide range of light outputs.

The enclosure body is made of aluminum with corrosion-resistant coating which protects against overheating damage.



D1



D3



D2



D4

Specifications

Model Number	HB-50W-D1	HB-80W-D1	HB-100W-D1	HB-100W-D2	HB-150W-D2	HB-250W-D2	HB-200W-D4	HB-320W-D4	HB-400W-D4
Rated Power	50W	80W	100W	100W	150W	250W	200W	320W	400W
Ambient Temp	80°C	75°C	70°C	80°C	75°C	70°C	80°C	75°C	70°C
Rated Voltage	120-277Vac								
CCT	2700-6500K								
Efficacy	150lm/170lm/W								
Beam Angle	120°								
Housing Material	Die casting aluminum								
IP Rating	IP65								
Product Dimension	15.63"x13.19"x9.96"			15.63"x26.38"x11.51"			29.33"x26.38"x9.96"		

Ordering Guide

Example: HB-100W-D1N50D120

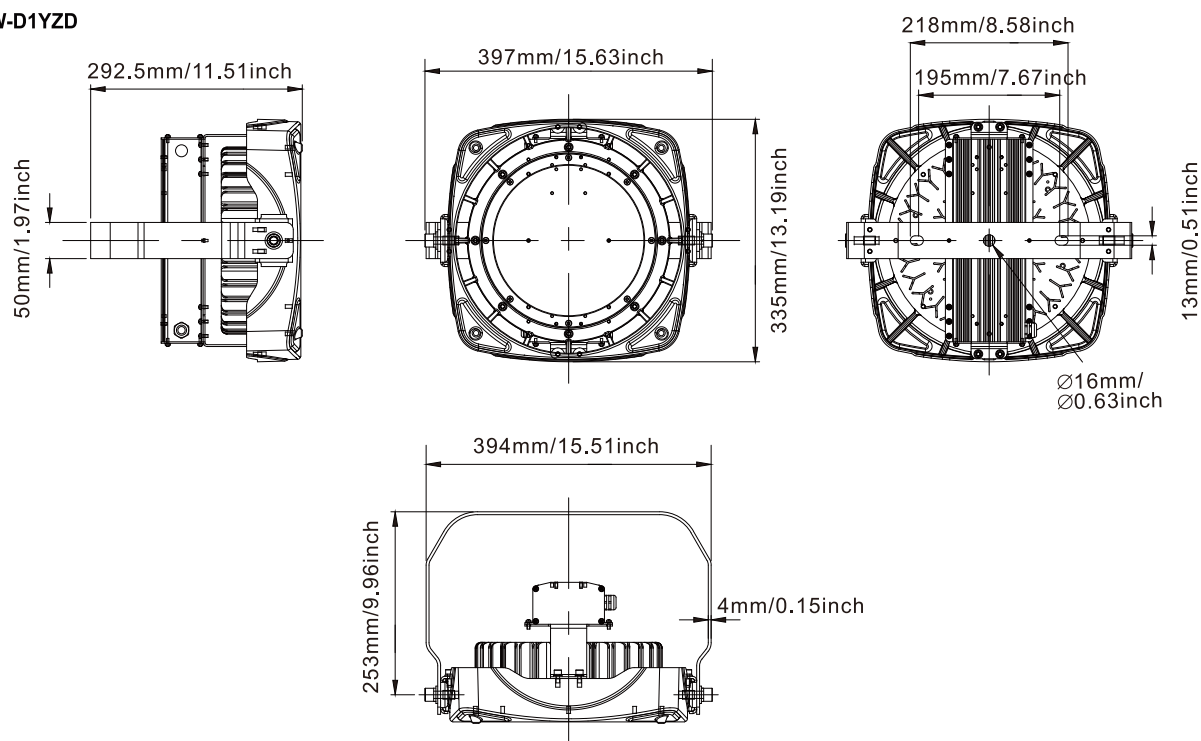
HB	100W	D1	N	50	D120
Product Category	Wattage	Model Number	Dimming Option	Color Temperature (CCT)	Beam Angle
High Bay Light	D1: 50W, 80W, 100W D2: 100W, 150W, 200W D4: 200W, 320W, 400W	D1: one module D2: two modules D3: three modules D4: four modules	D = Dimmable N = Non-dimmable	27 = 2700K, 30 = 3000K 40 = 4000K, 50 = 5000K, ..., 70 = 7000K	D120: 120°

Packing Information

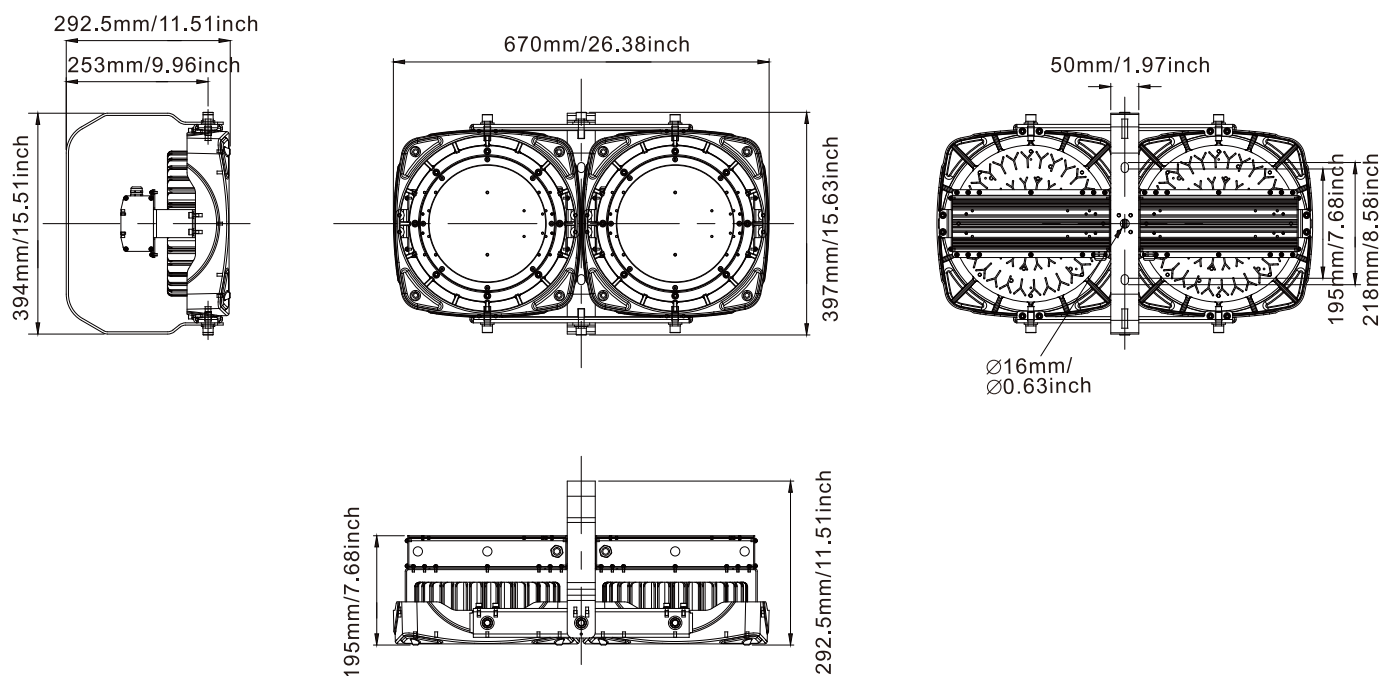
Model	Qty/Carton	Packing Size	Net Weight	Gross Weight
HB-xxxW-D1Y2D	1 pc	510x450x415mm (20.08x17.71x16.34 inch)	8kg (17.63 lbs)	10kg (22.04 lbs)
HB-xxxW-D2Y2D	1 pc	780x510x415mm (30.71x20.08x16.34 inch)	16kg (35.27 lbs)	18kg (39.68 lbs)
HB-xxxW-D3Y2D	1 pc	1115x510x415mm (43.90x20.08x16.34 inch)	25kg (55.11 lbs)	27kg (59.52 lbs)
HB-xxxW-D4Y2D	1 pc	855x780x415mm (33.66x30.71x16.34 inch)	32.5kg (71.65 lbs)	35kg (77.16 lbs)

Dimensions

HB-xxxW-D1YZD

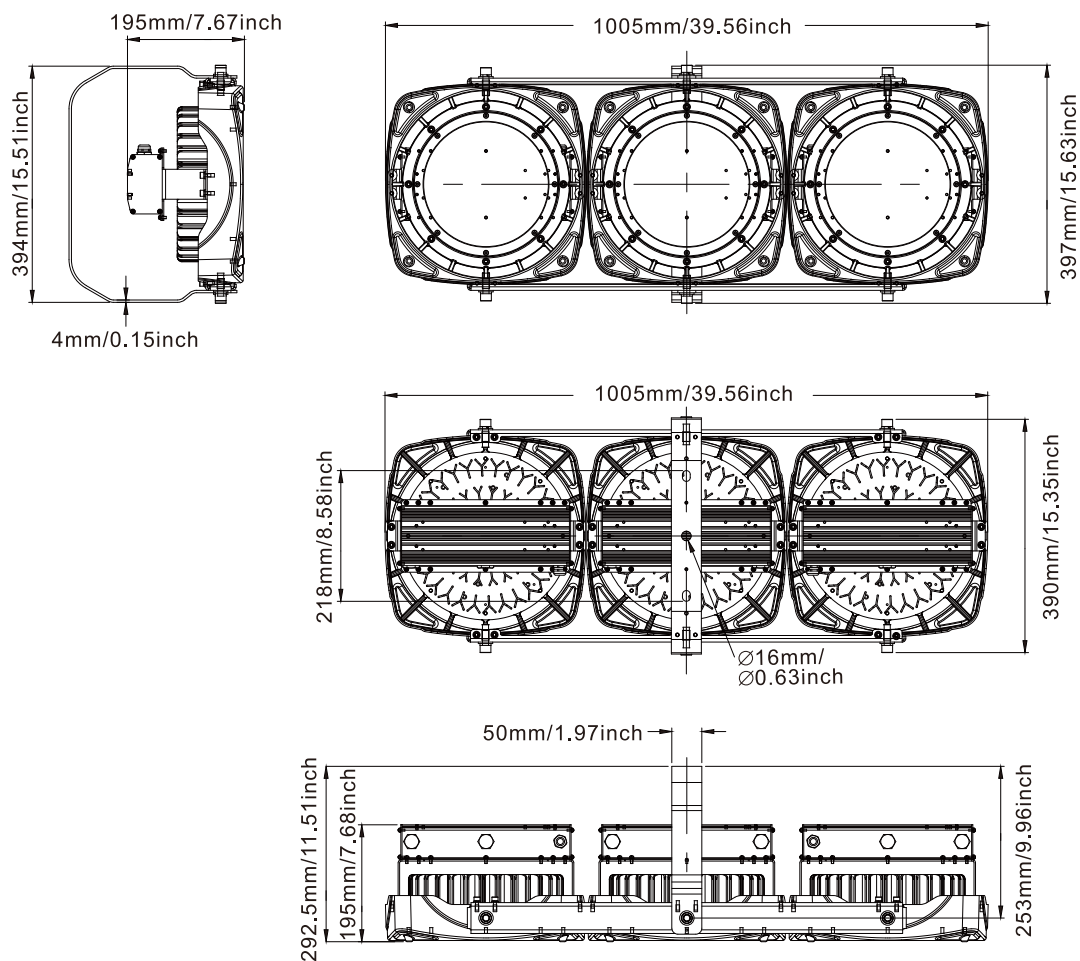


HB-xxxW-D2YZD

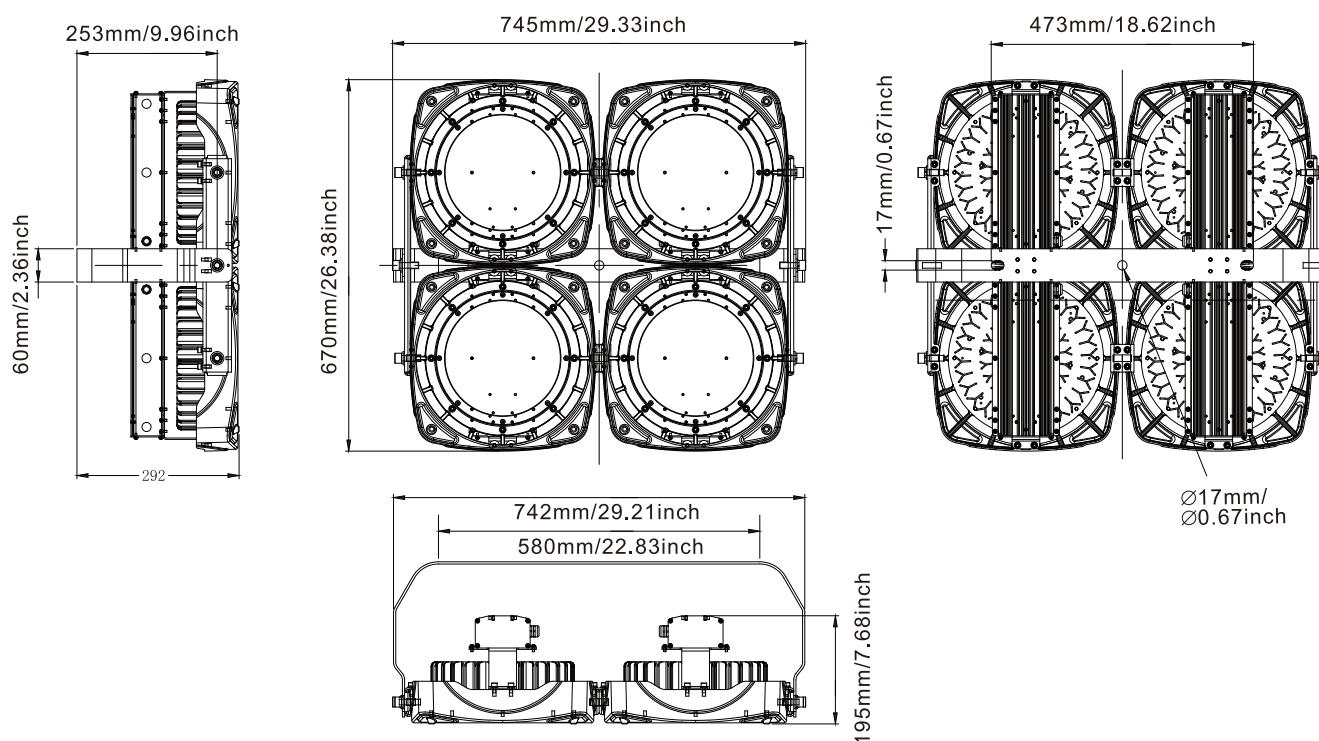


Dimensions (continued)

HB-xxxW-D3YZD



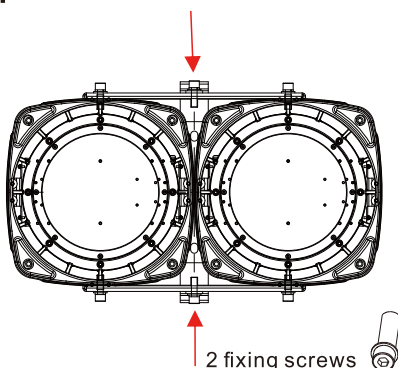
HB-xxxW-D4YZD



Mounting Method

Bracket Mounting (default method with mounting kits included in package):

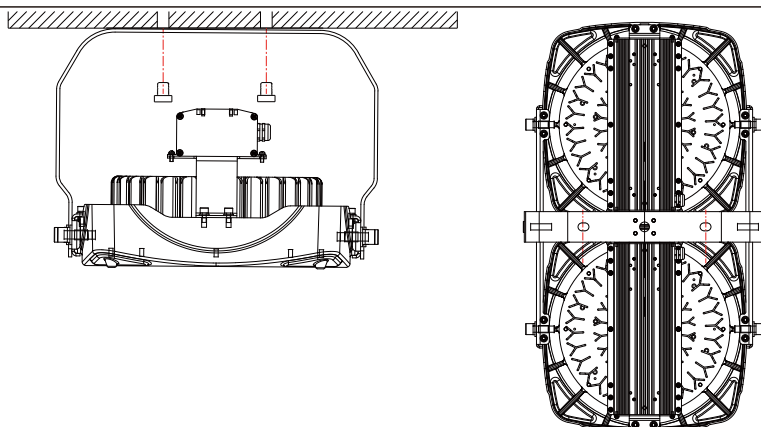
1.



Turn off the power before installation.
Adjust the irradiation angle, tighten 2x
angle holder screws as Fig.1. (Gasket
must be checked before installation)

2 fixing screws

2.



Install the fastening screws of the lamp.

3. Connect the earthing cable to external bonding location.

4. Installation completed.

Accessories

Customers can purchase single-module light fixture(D1) and assemble them into two-module(D2), three-module(D3), and four-module fixture(D4) by themselves. The required accessories are shown in the table below.

Type of Accessories	D2	D3	D4
U shaped Bracket 	Quantity: 0	Quantity: 0	Quantity: 1 pcs Dimensions: 738x280x60mm
Connecting Plate 	Quantity: 2 pcs Dimensions: 397x51.5x21mm	Quantity: 2 pcs Dimensions: 732x51.5x21mm	Quantity: 2 pcs Dimensions: 397x51.5x21mm
M12*25mm Screw 	Quantity: 6	Quantity: 6	Quantity: 6
Washer	Quantity: 6	Quantity: 6	Quantity: 6
Spring Washer	Quantity: 6	Quantity: 6	Quantity: 6
3-way Water-proof Connector	Quantity: 1	Quantity: 2	Quantity: 3