Pan American
Professional Lighting Manufacturer

High Temperature HB Series

LED High Bay Light

Description

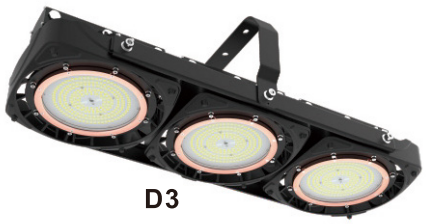
Venas High Temperature High Bay Light, is suitable for use in ambient high temperature working areas where operation temperature may reach 176°F(80°C), such as steel plant, aluminum smelter, and other high-temperature, dust, corrosive gas environment.

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

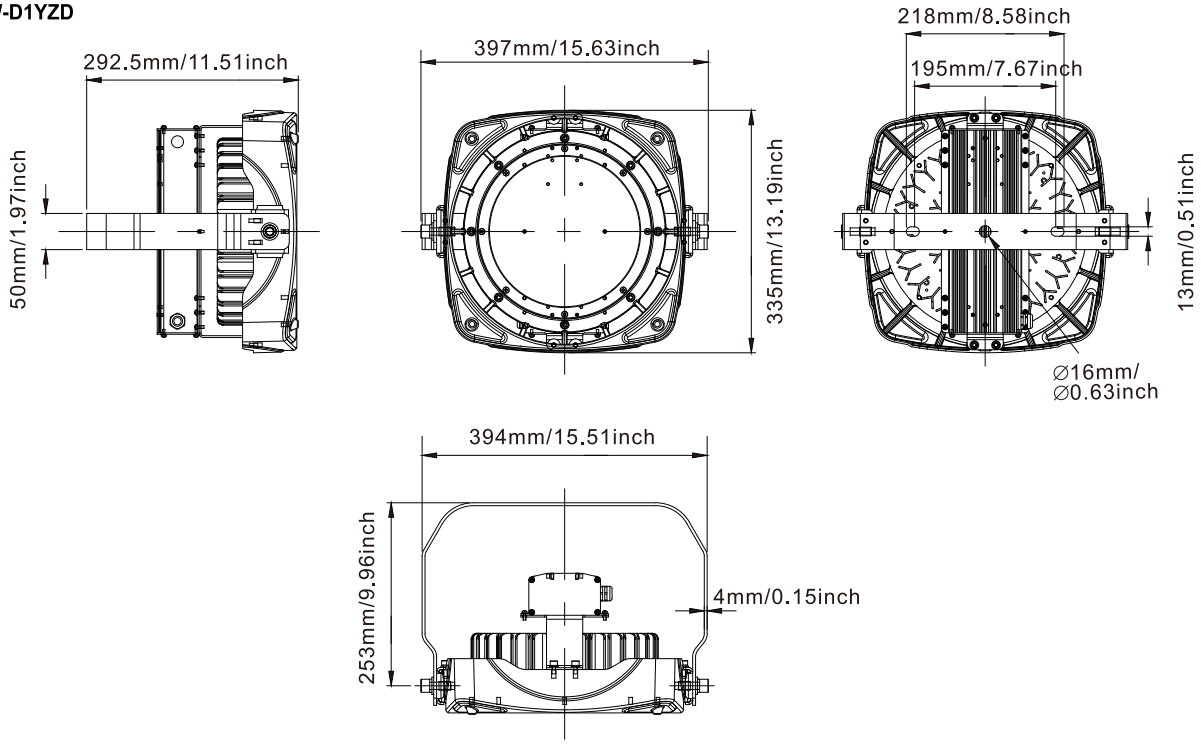
HB	100W	D1	N	50	D120
Product Category	**Wattage**	**Model Number**	**Dimming Option**	**Color Temperature (CCT)**	**Beam Angle**
High Bay Light	D1: 50W, 80W, 100W D2: 100W, 150W, 200W D4: 200W, 320W, 400W	D1: one module D2: two modules D3: three modules D4: four modules	D = Dimmable N = Non-dimmable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

Packing Information

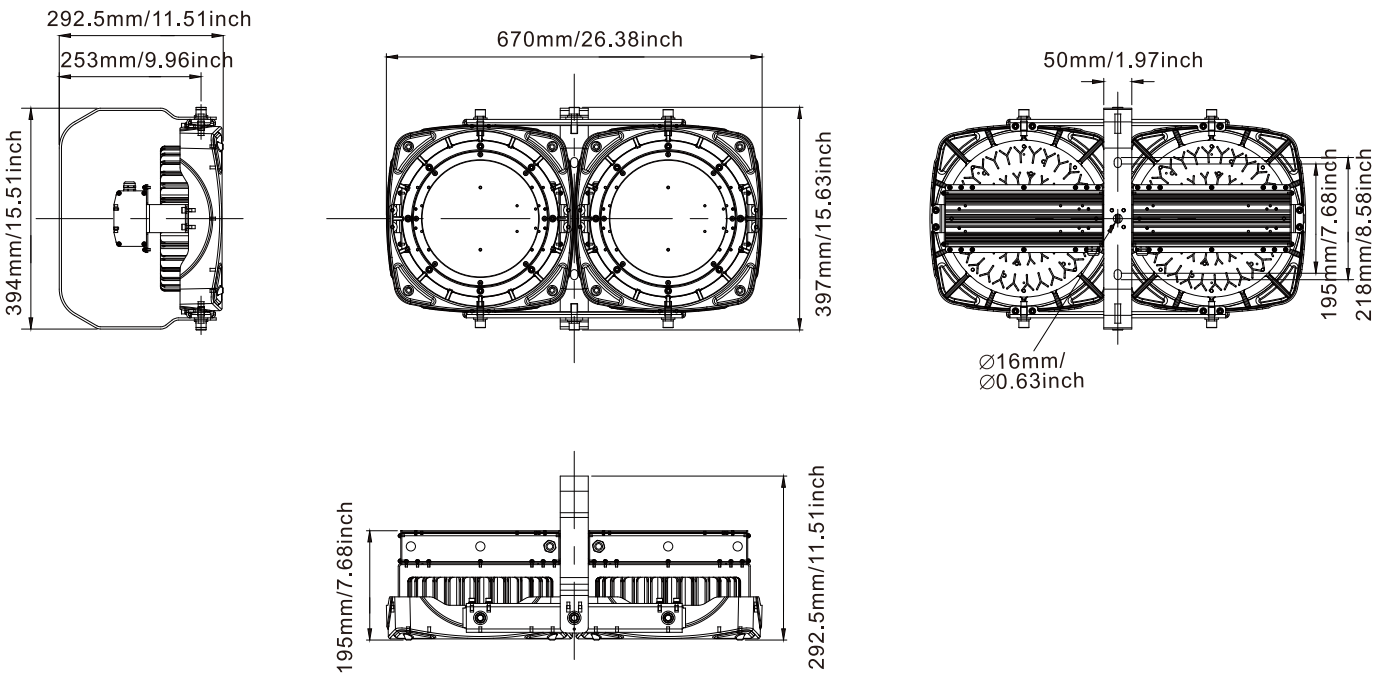
Model	Qty/Carton	Packing Size	Net Weight	Gross Weight
HB-xxxW-D1YZD	1 pc	510x450x415mm (20.08x17.71x16.34 inch)	8kg (17.63 lbs)	10kg (22.04 lbs)
HB-xxxW-D2YZD	1 pc	780x510x415mm (30.71x20.08x16.34 inch)	16kg (35.27 lbs)	18kg (39.68 lbs)
HB-xxxW-D3YZD	1 pc	1115x510x415mm (43.90x20.08x16.34 inch)	25kg (55.11 lbs)	27kg (59.52 lbs)
HB-xxxW-D4YZD	1 pc	855x780x415mm (33.66x30.71x16.34 inch)	32.5kg (71.65 lbs)	35kg (77.16 lbs)

Dimensions

HB-xxxW-D1YZD

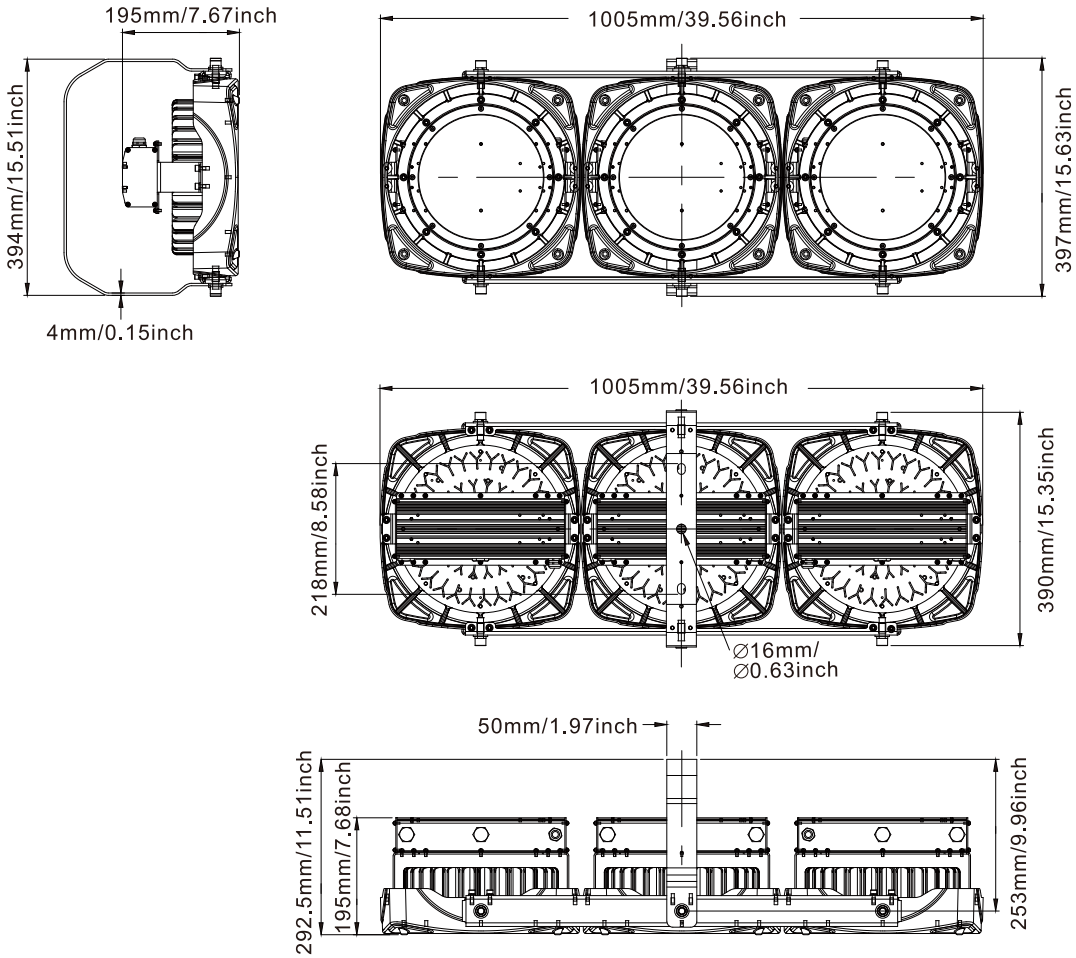


HB-xxxW-D2YZD

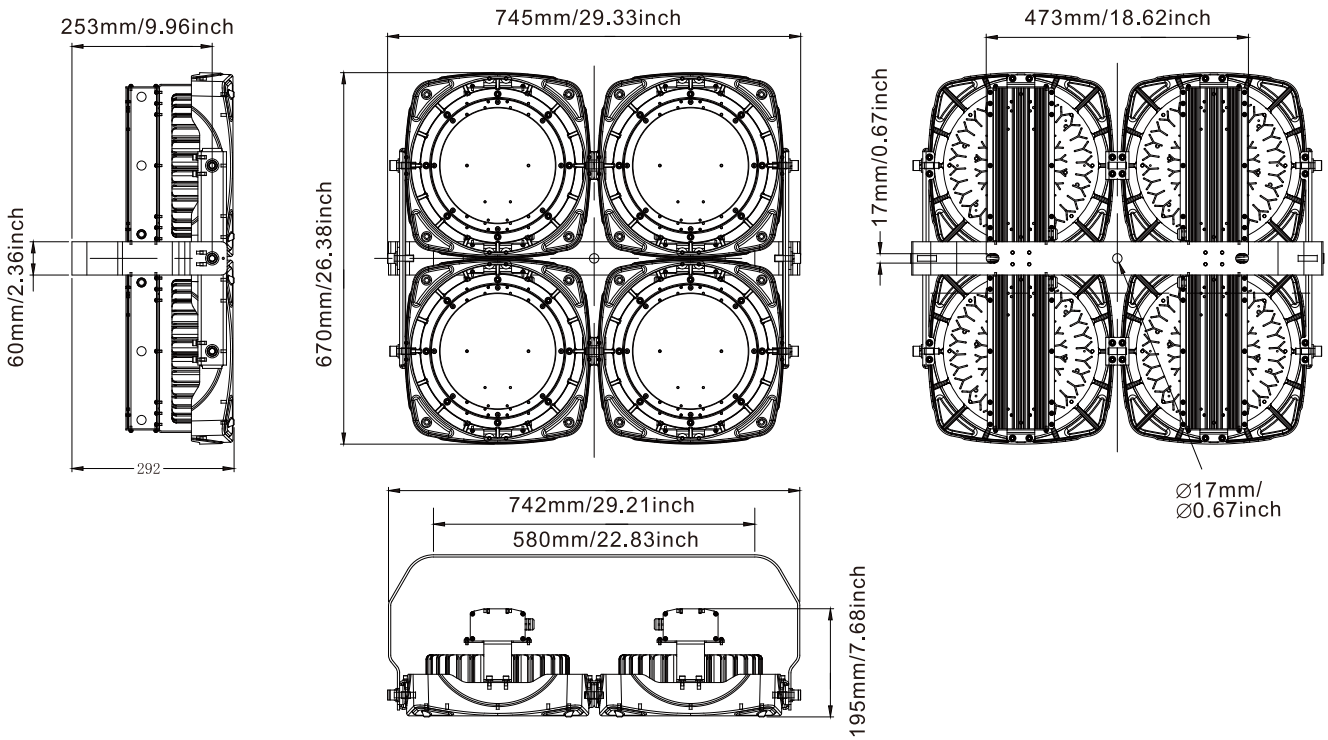


Dimensions (continued)

HB-xxxW-D3YZD



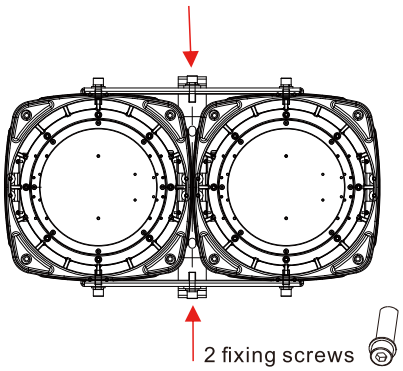
HB-xxxW-D4YZD



Mounting Method

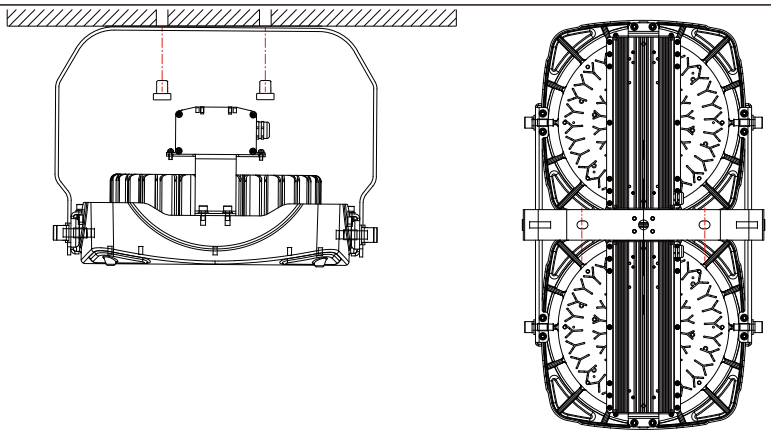
Bracket Mounting (default method with mounting kits included in package):

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.



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