



**FEATURES:**

- Heavy duty UFO highbay luminaire for multi purpose external use

**Body**

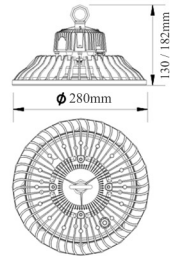
- Made of aluminium polyester powder coated, solid heat sink.
- Double structured housing with built in LED drive

**Diffuser**

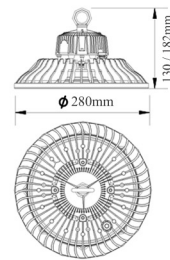
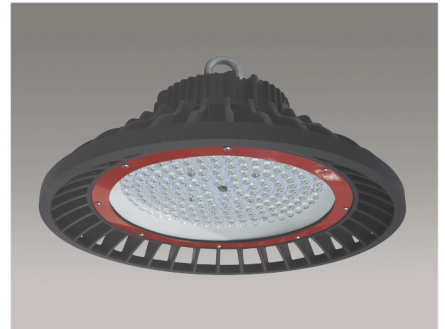
- Tempered glass

**Others**

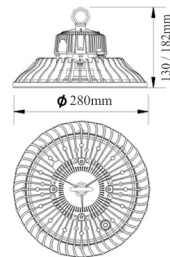
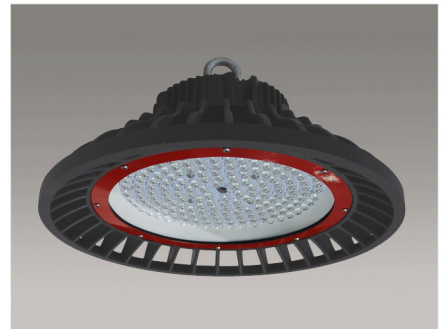
- ◆ Philips SMD LED module
- ◆ Silicon seal gasket for water and dustproof
- ◆ Heat resistant and solid conduct wiring
- ◆ Ideal for industrial and large scale showroom
- ◆ European standard of EN 60598



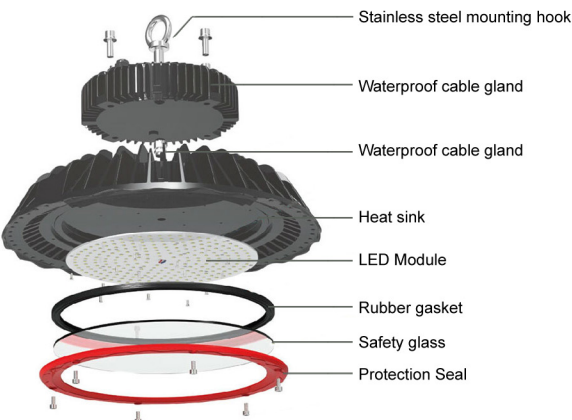
**BHB280 (\*\*)**



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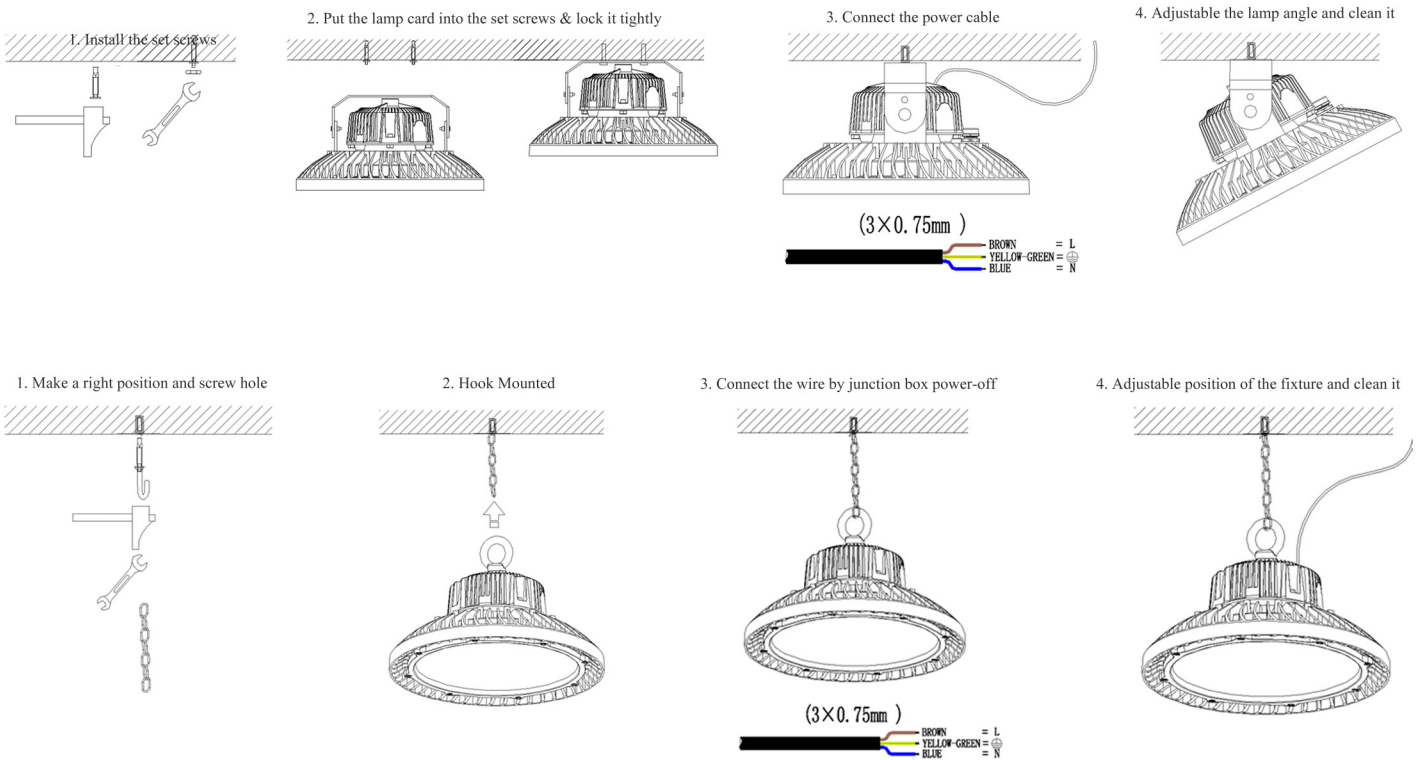


**BHB280 (\*\*)**



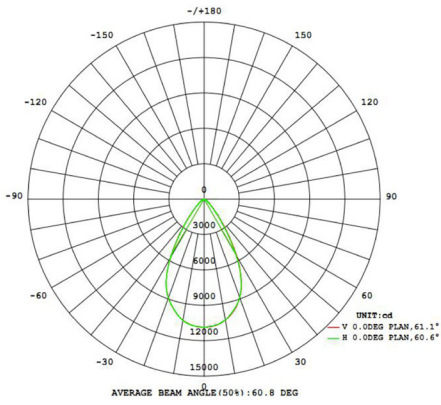
Product Code	BHB280-50	BHB280-80	BHB280-90	BHB280-100	BHB280-120	BHB280-150	BHB280-200	BHB280-250	BHB280-300
LED Type	SMD3030	SMD3030	SMD3030	SMD3030	SMD3030	SMD3030	SMD3030	SMD3030	SMD3030
Rated Power	50W	80W	90W	100W	120W	150W	200W	250W	300W
Input Voltage	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V
Frequency Range	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95
THD	>20%	>20%	>20%	>20%	>20%	>20%	>20%	>20%	>20%
Color Temperature	2700K-6500K	2700K-6500K	2700K-6500K	2700K-6500K	2700K-6500K	2700K-6500K	2700K-6500K	2700K-6500K	2700K-6500K
Color Rendering Index	>80	>80	>80	>80	>80	>80	>80	>80	>80
Finish	Black / Silver	Black / Silver	Black / Silver	Black / Silver	Black / Silver	Black / Silver	Black / Silver	Black / Silver	Black / Silver
Mini Luminous Flux	120LM/W	120LM/W	120LM/W	120LM/W	120LM/W	120LM/W	120LM/W	120LM/W	120LM/W
Temperature in Working	-40°C +50°C	-40°C +50°C	-40°C +50°C	-40°C +50°C	-40°C +50°C	-40°C +50°C	-40°C +50°C	-40°C +50°C	-40°C +50°C
Beam Angle	60 /90 /120°	60 /90 /120°	60 /90 /120°	60 /90 /120°	60 /90 /120°	60 /90 /120°	60 /90 /120°	60 /90 /120°	60 /90 /120°
Life	50000Hrs	50000Hrs	50000Hrs	50000Hrs	50000Hrs	50000Hrs	50000Hrs	50000Hrs	50000Hrs
Protection Grade	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Size	280x252mm	280x252mm	280x252mm	280x252mm	280x252mm	360x252mm	360x252mm	460x252mm	460x252mm
Warranty	Five Years								

### MOUNTING DETAILS



**PHOTOMETRIC DATA - BEAM ANGLE 60°**

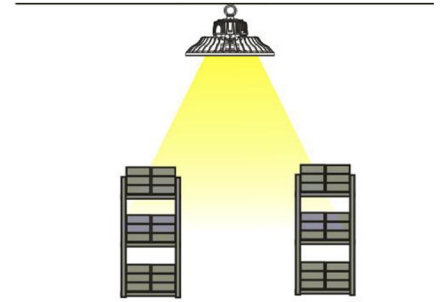
Distribution



Lumination

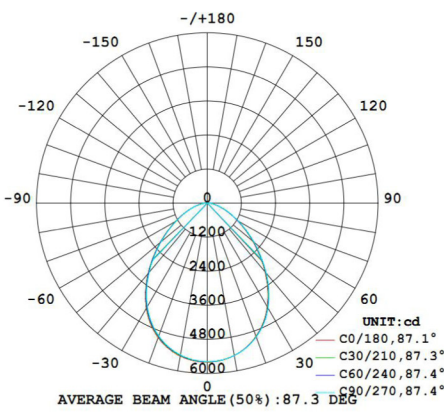
Flux out: 9533 lm

Height	Eavg, Emax	Angle: 80.63deg	Diameter
3.281ft 1m	386.5, 1009fc 4160, 10858lx		5.568ft 169.70cm
6.562ft 2m	96.61, 252.2fc 1040, 2715lx		11.14ft 339.40cm
9.843ft 3m	42.94, 112.1fc 462.2, 1206lx		16.77ft 509.11cm
13.12ft 4m	24.15, 63.05fc 260.0, 678.6lx		22.27ft 678.81cm
16.4ft 5m	15.46, 40.35fc 166.4, 434.3lx		27.84ft 848.51cm



**PHOTOMETRIC DATA - BEAM ANGLE 90°**

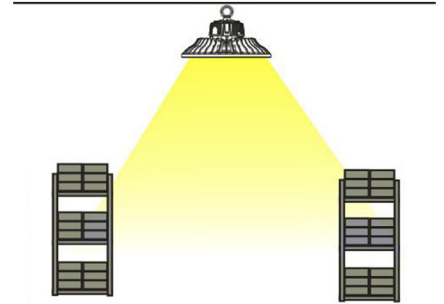
Distribution



Lumination

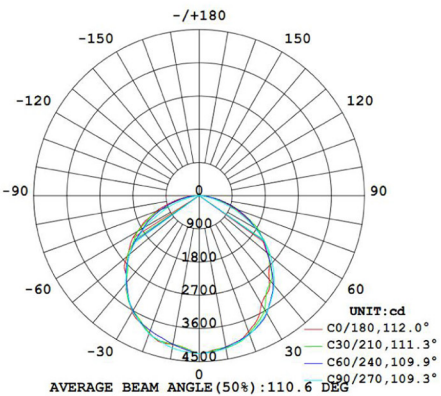
Flux out: 7862 lm

Height	Eavg, Emax	Angle: 92.14deg	Diameter
3.281ft 1m	209.4, 520.7fc 2254, 5605lx		6.611ft 207.61cm
6.562ft 2m	52.34, 130.2fc 563.4, 1401lx		13.22ft 415.23cm
9.843ft 3m	23.26, 57.86fc 250.4, 622.8lx		20.43ft 622.84cm
13.12ft 4m	13.09, 32.54fc 140.9, 350.3lx		27.25ft 830.45cm
16.4ft 5m	8.375, 20.83fc 90.15, 224.2lx		34.06ft 1038.07cm



**PHOTOMETRIC DATA - BEAM ANGLE 120°**

Distribution



Lumination

Flux out: 8725 lm

Height	Eavg, Emax	Angle: 111.28deg	Diameter
3.281ft 1m	117.4, 397.4fc 1264, 4277lx		9.597ft 292.53cm
13.12ft 4m	7.337, 24.84fc 78.97, 267.3lx		38.39ft 1170.12cm
32.81ft 10m	1.174, 3.974fc 12.64, 42.77lx		95.97ft 2925.31cm
65.62ft 20m	0.2935, 0.9934fc 3.159, 10.69lx		191.9ft 5850.61cm
98.43ft 30m	0.1304, 0.4415fc 1.404, 4.753lx		287.9ft 8775.92cm

