

High Bays

HB-75W-150W-VAR-V5
 HB-150W-240W-VAR-V5
 HB-240W-300W-VAR-V5

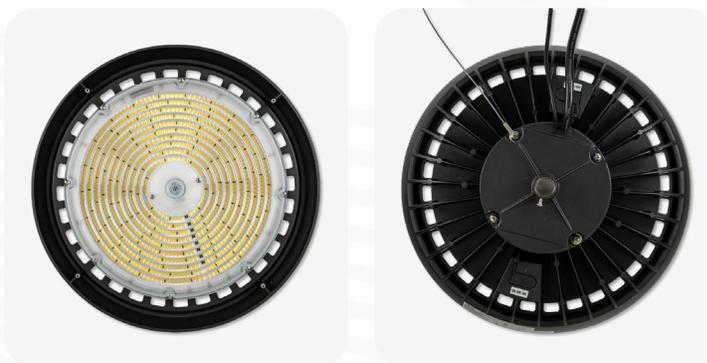


Date:	Project:
Prepared for:	Type:
Comments:	



Introducing our new generation of LED High Bay. Ideal to light your spaces with a ceiling height from 20 to 40ft from the floor. This product is DLC premium, NSF and UL certified, attesting to its high quality and versatile use from your commercial and industrial projects.

	CCT Selectable 3500K 4000K 5000K	NEMA 4X	IP65



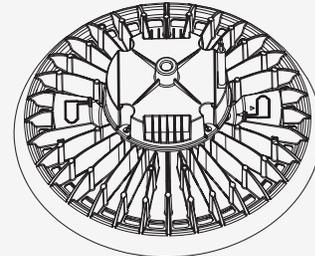
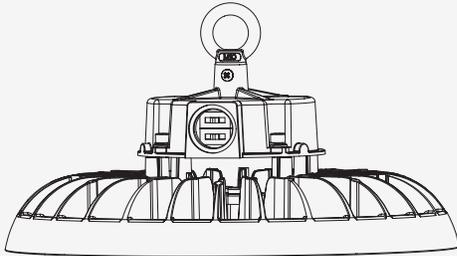
Specifications

Dimming Type	0-10V
Dimensions	Ø10-7/8" (276mm) x 6-1/8" (155mm) Ø12-3/16" (310mm) x 6-1/2" (165mm) Ø13" (330mm) x 7-1/8" (180mm)
Cord Length	6ft
Beam Angle	90°
Build Material	Die cast aluminium body Polycarbonate lens
Environment	Wet
Efficacy (Up to)	145lm/W
Years of Warranty	5 years
Certifications and Compliance	cULus, Nema 4X, IP65, NSF DLC Premium; 150W: S-ZW73LY; 240W: S-Z2B6DP; 300W: S-GNOSCM

Input Voltage	120-347Vac
Power	75W/100W/150W 150W/200W/240W 240W/270W/300W
Equivalent Power (HID)	400W 700W 800W
Max Input Current	1.25A (150W) 2A (240W) 2.5A (300W)
Lumens (Up to)	22650lm at 150W 38400lm at 240W 47100lm at 300W
Colour Rendering Index	+80
Total Harmonic Distortion	<20%
Operating Temperature	-40°C to +50°C

High Bays

HB-75W-150W-VAR-V5
 HB-150W-240W-VAR-V5
 HB-240W-300W-VAR-V5



Dimensions

HB-75W-150W-VAR-V5	HB-150W-240W-VAR-V5	HB-240W-300W-VAR-V5
Ø10-7/8" (276mm) x 6-1/8" (155mm)	Ø12-3/16" (310mm) x 6-1/2" (165mm)	Ø13" (330mm) x 7-1/8" (180mm)

Informations de commande

Ordering Code	Power (Selectable)	Lumens	Model Number	Colour Temperature
HB-75W-150W-VAR-V5	75W/100W/150W	22650lm @ 150W	HIG12R0150W-T2-BK35/40/50WD-V5	3500K/4000K/5000K
HB-150W-240W-VAR-V5	150W/200W/240W	38400lm @ 240W	HIG12R0240W-T2-BK35/40/50WD-V5	3500K/4000K/5000K
HB-240W-300W-VAR-V5	240W/270W/300W	47100lm @ 300W	HIG12R0300W-T2-BK35/40/50WD-V5	3500K/4000K/5000K

Lumen Output by Power and CCT

HB-75W-150W-VAR-V5				
Wattage (W)	3500K	4000K	5000K	
75W	11,900	12,500	12,400	
100W	15,000	16,000	15,500	
150W	21,000	22,650	21,400	

HB-150W-240W-VAR-V5				
Wattage (W)	3500K	4000K	5000K	
150W	22,400	24,000	23,600	
200W	28,700	31,150	30,400	
240W	35,500	36,400	35,000	

HB-240W-300W-VAR-V5				
Wattage (W)	3500K	4000K	5000K	
240W	33,600	37,200	35,250	
270W	37,800	41,850	39,960	
300W	42,600	47,100	44,400	



High Bays

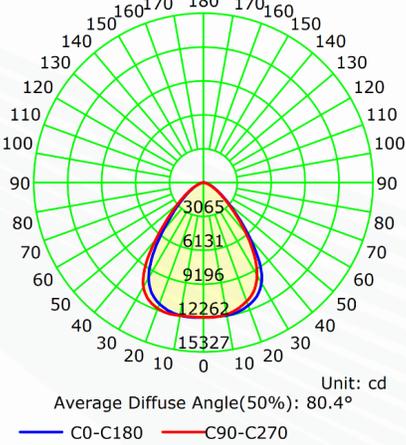


HB-75W-150W-VAR-V5
 HB-150W-240W-VAR-V5
 HB-240W-300W-VAR-V5

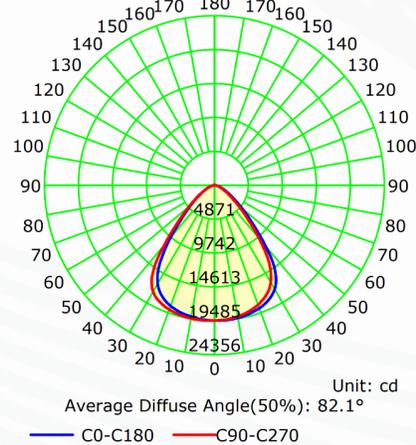
Photometrics

Luminous Intensity Distribution

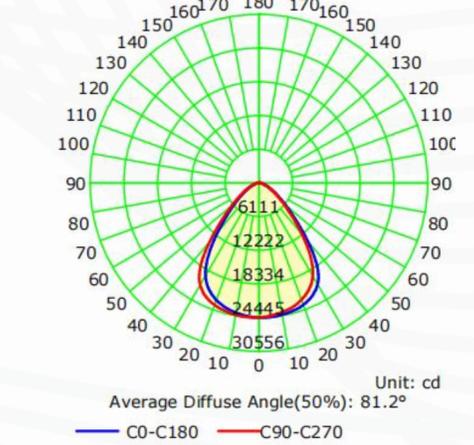
150W



240W

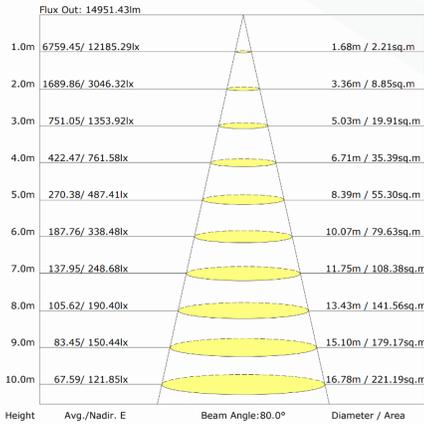


300W

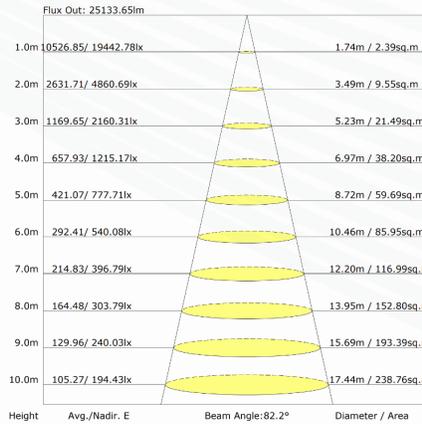


Illuminance at a distance

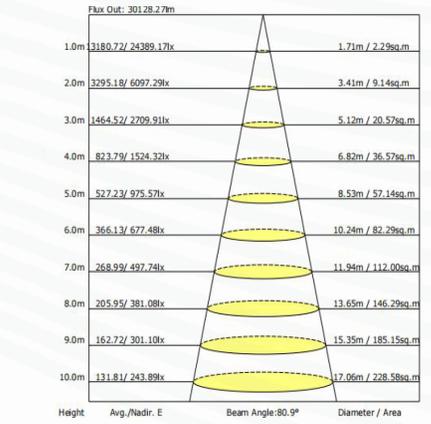
150W



240W



300W



High Bays



HB-75W-150W-VAR-V5
 HB-150W-240W-VAR-V5
 HB-240W-300W-VAR-V5

Photometrics (continued)

Zonal Lumen Summary

150W			
Zone	Lumens%	Lamp%	Luminaire
0-30	9,713.8	45%	45%
0-40	14,949.2	69.3%	69.3%
0-60	20,087.6	93.1%	93.1%
60-90	1,345.5	6.2%	6.2%
70-100	456.1	2.1%	2.1%
90-100	45.9	0.2%	0.2%
0-90	21,433.0	99.4%	99.4%
90-180	133.2	0.6%	0.6%
0-180	21,566.2	100%	100%

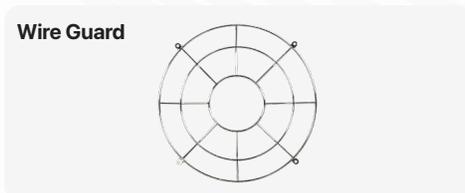
240W			
Zone	Lumens%	Lamp%	Luminaire
0-30	15,489.1	43.9%	43.9%
0-40	24,244.3	69%	69%
0-60	32,947	93.4%	93.4%
60-90	2,197.5	6.2%	6.2%
70-100	721.1	2%	2%
90-100	34.2	0.1%	0.1%
0-90	35,145.0	99.6%	99.6%
90-180	133.6	0.4%	0.4%
0-180	35,278.6	100%	100%

300W			
Zone	Lumens%	Lamp%	Luminaire
0-30	19,109.4	43.8%	43.8%
0-40	29,710.0	68.1%	68.1%
0-60	40,455.7	92.7%	92.7%
60-90	2,994.7	6.9%	6.9%
70-100	1,044.9	2.4%	2.4%
90-100	45.8	0.1%	0.1%
0-90	43,450.4	99.6%	99.6%
90-180	170.7	0.4%	0.4%
0-180	43,621.1	100%	100%

Additional Accessories (Sold Separately)



Reflector
 HB-RT-PC-75W-240W-V5 (top)
 HB-RP-PC-75W-240W-V5 (bottom)
Material: Polycarbonate
Compatible with: HB-75W-150W-VAR-V5
 HB-150W-240W-VAR-V5



Wire Guard
 HB-WG-75W-240W-V5
Colour: Aluminium
Compatible with: HB-75W-150W-VAR-V5
 HB-150W-240W-VAR-V5



Mounting Bracket
 HB-BR-V5
Colour: Black
Material: Iron
Compatible with: All High Bay models



Motion Sensor
 HB-MS-V3
 12V High-Frequency (Microwave)
Dim Control Output: 0-10v
Detection Radius: 20% 50% 75% 100% (1-8m)
Mounting Height: Max 40ft. (12m)
Default Sensitivity: 100%, light stays on for 5 min, then dims to 30% for 30 min.



Motion Sensor
 HB-PIR-V3
 12V PIR
Dim Control Output: 0-10V
Detection Radius: 20% 50% 75% 100% (1-8m)
Mounting Height: Max 40ft. (12m)
Default Sensitivity: 100%, light stays on for 5 min, then dims to 30% for 30 min.



Emergency Driver
 HB-75W-150W-VAR-V5-EM
 HB-150W-240W-VAR-V5-EM
 HB-240W-300W-VAR-V5-EM
Colour: Orange
Material: Aluminium
Dim Control Output: 0-10V
Battery Life: 90min minimum
Operating temperature: 5°C to 50°C
IP65