

Model #	
Type	
Project	
Date	

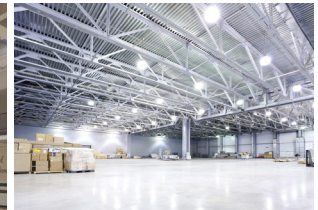
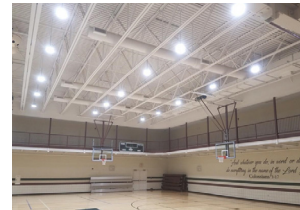
HBV2-SERIES

MONOPOINT VALUE HIGH BAY

The HBV2-Series is a monpoint high bay offering that combines performance and price to give you the best of both worlds. With an efficacy of up to 146 lm/W and four impressive lumen packages, they are the perfect choice for applications where an economical solution is required.

HIGHLIGHTS

- DLC Premium listed
- Up to 146 lm/W
- 80+ CRI
- Available in both 120-277V or 120-347V with 0-10V dimming
- IP65 rated for protection against water jet spray
- Includes a fixture hook with setscrew and 6-foot cord for easy installation
- Aluminum and Prismatic 90° Reflectors available as additional accessories
- Fixture-mounted PIR and Microwave sensors available

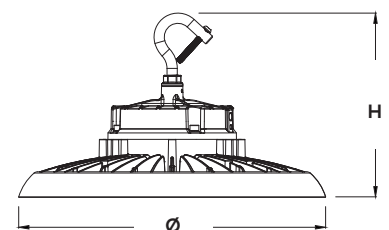
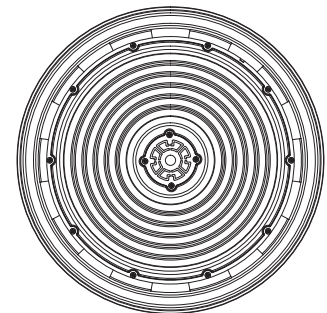


APPLICATIONS

Designed for commercial, corridor, garage, gymnasium, industrial, manufacturing, office, retail and warehouse applications.

DIMENSIONS

VOLTAGE (V)	POWER (W)	Ø (inches/mm)	H (inches/mm)	WEIGHT (kg/lbs)
120-277	100	11 13/16" (300 mm)	6 5/8" (168 mm)	2.2 kg / 4.8 lbs
	150			2.3 kg / 5.1 lbs
	200	14 3/16" (360 mm)	7 7/16" (189 mm)	3.5 kg / 7.7 lbs
	240			3.6 kg / 7.9 lbs
	300	17 3/4" (450 mm)	9 1/2" (242 mm)	7.2 kg / 15.8 lbs
120-347	100	11 13/16" (300 mm)	6 5/8" (168 mm)	2.6 kg / 5.7 lbs
	150			2.7 kg / 5.9 lbs
	200	14 3/16" (360 mm)	7 7/16" (189 mm)	4.0 kg / 8.8 lbs
	240			4.1 kg / 9.0 lbs
	300	17 3/4" (450 mm)	9 1/2" (242 mm)	7.2 kg / 15.8 lbs



ORDERING GUIDE						
SERIES	-	POWER (W)	CCT	-	VOLTAGE	- SENSORS
HBV2		100: 100W 150: 150W 200: 200W 240: 240W 300: 300W	4: 4000K 5: 5000K		1: 120-277V 3: 120-347V	Blank: Default, no sensor M2: Microwave motion sensor, dimming, 12VDC M12: PIR motion sensor, dimming, 12VDC
MODEL SELECTION						
SERIES	-	POWER (W)	CCT	-	VOLTAGE	SENSOR
HBV2	-	150	4	-	1	M2

EXAMPLE: HBV2-1504-1-M2

ACCESSORIES SELECTION		
ORDER	MODEL #	DESCRIPTION
	HBV2-REF-AL-S	Aluminum reflector (100-150W models)
	HBV2-REF-AL-M	Aluminum reflector (200-240W models)
	HBV2-REF-PC-S	Prismatic reflector (100-150W models)
	HBV2-REF-PC-M	Prismatic reflector (200-240W models)
	HBV2-EYEBOLT-M10	Eyebolt for HBV2, M10 (100-240W, -1 models & 100-150W, -3 models models)
	HBV2-EYEBOLT-M12	Eyebolt for HBV2, M12 (200-240W, -3 models models)
	HBV2-EYEBOLT-12	Eyebolt for HBV2 (300W models)
	MSF-DMR-12	Microwave motion sensor
	MSF-DPR-12	PIR motion sensor
	RC02	Remote for motion sensors (one remote is required if ordering): MSF-DMR-12 (Factory-Installed code M2) MSF-DPR-12 (Factory-Installed code M12)

PRODUCT FEATURES

CONSTRUCTION

- Matte black die cast aluminum
- 6.5-foot (2m) black 18/3 power cord
- Polycarbonate lens

INSTALLATION

- Mounting hook included
- Pre-installed 6.5' (2m) power cord
- Optional: eyebolt available

ELECTRICAL

- "-1" models designed to operate between 120-277V
- "-3" models designed to operate between 120-347V
- LED drivers in all models have 4kV inherent surge protection
- Power Factor >0.9
- THD <20%
- 0-10V dimming, dim to 1%

LISTINGS & RATINGS

- cETLus E473127
- DLC Premium
- Wet location
- IP65 rated
- RoHS compliant
- FCC compliant
- IK09 rated
- Listed for use in:
-40°C to 50°C (-40°F to 122°F)

RATED LIFE & WARRANTY

- LED system: >54,000 hours at L70
- 10 year warranty
(visit premiseled.com/warranty/)

ORDERING INFORMATION

INPUT VOLTAGE	POWER (W)	CCT (K)	MODEL NUMBER	DELIVERED LUMENS (LM)	EFFICACY (lm/W)	DLC PREMIUM
120-277V	100W	4K	HBV2-1004-1	15,536 lm	145 lm/W	S-2UN0YC
		5K	HBV2-1005-1	15,484 lm	145 lm/W	S-90H2NU
	150W	4K	HBV2-1504-1	22,699 lm	141 lm/W	S-PT3HI1
		5K	HBV2-1505-1	22,674 lm	141 lm/W	S-3W68MY
	200W	4K	HBV2-2004-1	30,540 lm	144 lm/W	S-02SU58
		5K	HBV2-2005-1	30,537 lm	144 lm/W	S-09UVPR
	240W	4K	HBV2-2404-1	34,583 lm	143 lm/W	S-MUG0FQ
		5K	HBV2-2405-1	34,716 lm	144 lm/W	S-NS5T2Q
	300W	4K	HBV2-3004-1	40,263 lm	135 lm/W	S-SMXIGH
		5K	HBV2-3005-1	40,474 lm	136 lm/W	S-2ES39G
120-347V	100W	4K	HBV2-1004-3	14,997 lm	144 lm/W	S-TVIA7D
		5K	HBV2-1005-3	15,215 lm	146 lm/W	S-68JL4M
	150W	4K	HBV2-1504-3	21,117 lm	139 lm/W	S-2GYB0H
		5K	HBV2-1505-3	21,429 lm	142 lm/W	S-R4CW2U
	200W	4K	HBV2-2004-3	29,318 lm	141 lm/W	S-R64SM2
		5K	HBV2-2005-3	29,791 lm	143 lm/W	S-XVKUJC
	240W	4K	HBV2-2404-3	34,211 lm	139 lm/W	S-42H7VE
		5K	HBV2-2405-3	34,760 lm	141 lm/W	S-HBQSZ2
	300W	4K	HBV2-3004-3	42,510 lm	140 lm/W	S-I57X6H
		5K	HBV2-3005-3	43,163 lm	143 lm/W	S-OLBWDA

PACKING INFORMATION

MODEL	CASE QUANTITY	PALLET QUANTITY
100W	CASE OF 1	-
150W	CASE OF 1	-
200W	CASE OF 1	-
240W	CASE OF 1	-
300W	CASE OF 1	-

OPTIONAL ACCESSORIES			
ACCESSORIES			
IMAGE	DESCRIPTION	MODEL NUMBER	
	90 degree reflector for HBV2-series 100-150W models	HBV2-REF-AL-S	
	90 degree reflector for HBV2-series 200-240W models	HBV2-REF-AL-M	
	90 degree prismatic reflector for HBV2-series 100-150W models	HBV2-REF-PC-S	
	90 degree prismatic reflector for HBV2-series 200W-240W models	HBV2-REF2-PC-M	
	Eyebolt for HBV2 100-240W, M10	HBV2-EYEBOLT-M10	
	Eyebolt for HBV2 200-240W, M12	HBV2-EYEBOLT-M12	
	Eyebolt for HBV2 300W	HBV2-EYEBOLT-12	
SENSOR ACCESSORIES			
IMAGE	DESCRIPTION	MODEL NUMBER	FACTORY-INSTALLED CODE
	Microwave Motion Sensor Sensor parameters set by required remote (RC02). Dimming control. Detection up to 49 ft mounting height, 360 pattern. IP65 rated. 12V input. Daylight settings available. Order separately or factory install.	MSF-DMR-12	M2
	PIR Motion Sensor Sensor parameters set by required remote (RC02). Dimming control. Detection up to 20 ft mounting height, 360 pattern. IP65 rated. 12V input. Daylight settings available. Order separately or factory install.	MSF-DPR-12	M12
SENSOR REMOTES			
IMAGE	DESCRIPTION	MODEL NUMBER	COMPATIBLE WITH
	Remote control for programming motion sensors. One remote can control an entire facility. Store settings in remote, and apply them to each fixture with one button. On/Off mode allows fixture to be set at dim levels from 10-100%.	RC02	MSF-DMR-12 MSF-DPR-12

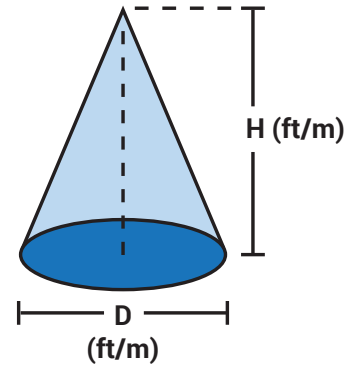
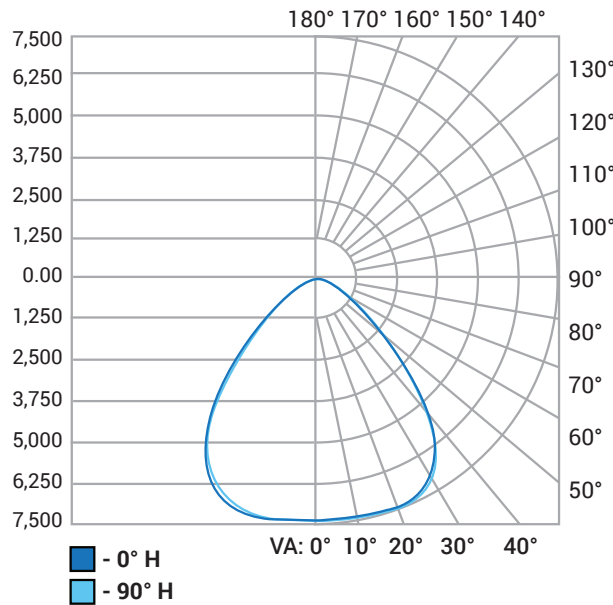
ELECTRICAL INFORMATION									
INPUT VOLTAGE	POWER (W)	APPARENT POWER (VA)	SYSTEM POWER (W)	CURRENT DRAW AT 120V _{ac}	CURRENT DRAW AT 208V _{ac}	CURRENT DRAW AT 240V _{ac}	CURRENT DRAW AT 277V _{ac}	CURRENT DRAW AT 347V _{ac}	CURRENT DRAW AT 480V _{ac}
120-277V	100W	105.2VA	106.7W	0.865A	0.497A	0.434A	0.388A	-	-
	150W	152.7VA	160.1W	1.259A	0.726A	0.635A	0.562A	-	-
	200W	200.6VA	210.7W	1.666A	0.942A	0.817A	0.728A	-	-
	240W	242.1VA	241.2W	1.996A	1.138A	0.985A	0.871A	-	-
	300W	300.1VA	296.9W	2.520A	1.454A	1.265A	1.121A		
120-347V	100W	100.6VA	103.8W	0.847A	0.486A	0.421A	0.367A	0.303A	-
	150W	148.3VA	151.0W	1.248A	0.709A	0.625A	0.545A	0.460A	-
	200W	205.1VA	207.9W	1.731A	1.001A	0.864A	0.749A	0.620A	-
	240W	236.6VA	245.4W	1.972A	1.135A	0.985A	0.864A	0.703A	-
	300W	297.0VA	301.8W	2.497A	1.438A	1.250A	1.099A	0.913A	
INPUT VOLTAGE	POWER (W)		INRUSH CURRENT (A)		DRIVER SURGE PROTECTION				
120-277V	100W		<80A		L/N-PE: 4kV, L-N: 4kV				
	150W				L/N-PE: 6kV, L-N: 4kV				
	200W								
	240W								
	300W				L/N-PE: 6kV, L-N: 6kV				
120-347V	100W		<80A		L/N-PE: 6kV, L-N: 6kV				
	150W								
	200W								
	240W								
	300W								

PHOTOMETRIC INFORMATION

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
100W
VOLTAGE
120-347V

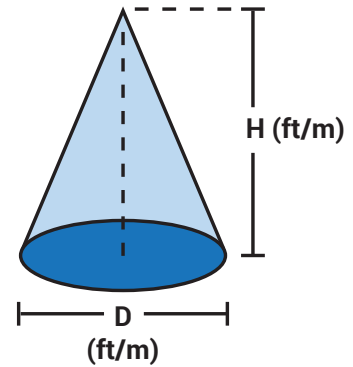
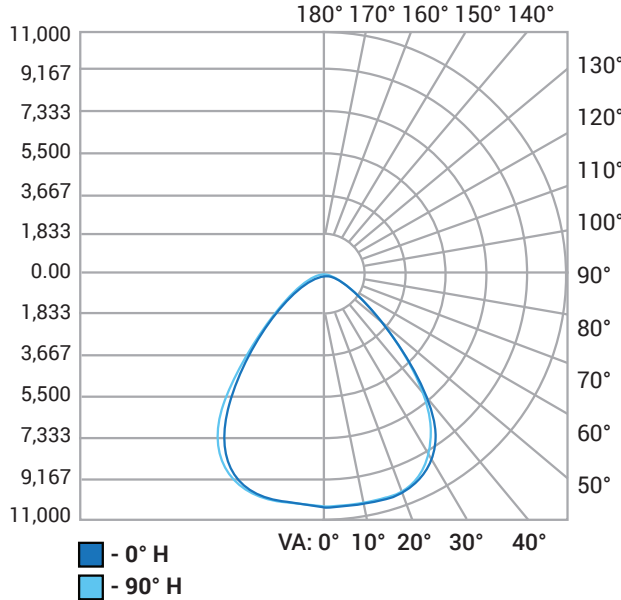


H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	1,857.8	172.6	12.5' (3.8m)
9.8' (3m)	825.7	76.7	18.7' (5.7m)
13.1' (4m)	464.5	43.2	25.0' (7.6m)
16.4' (5m)	297.3	27.6	31.2' (9.5m)
19.7' (6m)	206.4	19.2	37.5' (11.4m)

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
150W
VOLTAGE
120-347V



H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	2,625.2	243.9	12.8' (3.9m)
9.8' (3m)	1,166.8	108.4	19.1' (5.8m)
13.1' (4m)	656.3	60.9	25.6' (7.8m)
16.4' (5m)	420.0	39.0	31.9' (9.7m)
19.7' (6m)	291.6	27.1	38.1' (11.6m)

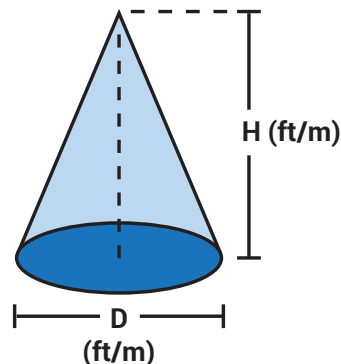
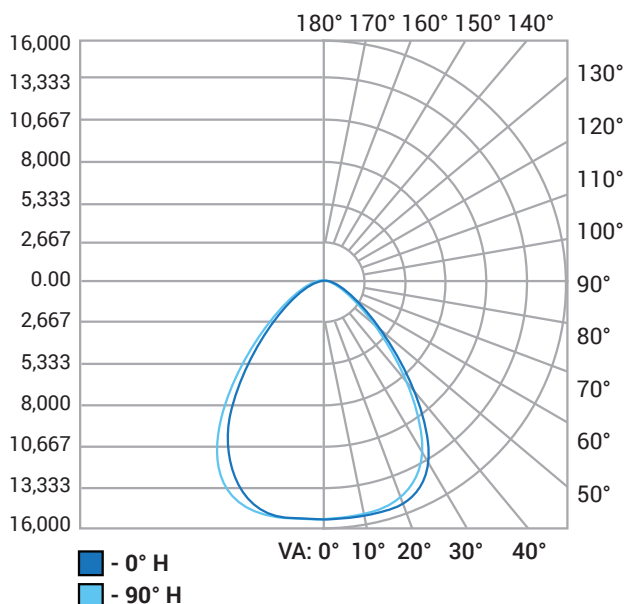
*Based on operation at 4000K & 120V.

PHOTOMETRIC INFORMATION

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
200W
VOLTAGE
120-347V

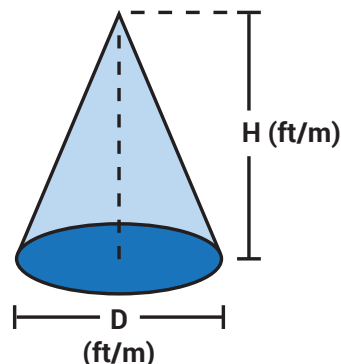
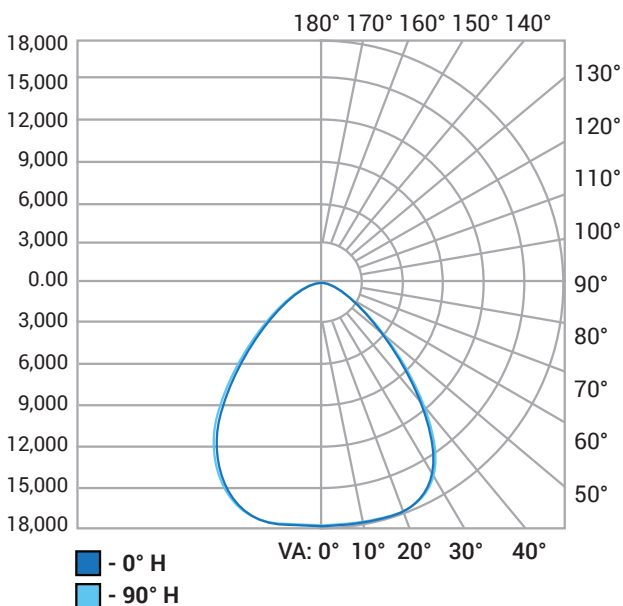


H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	3,872.8	359.8	10.5' (3.2m)
9.8' (3m)	1,721.2	159.9	16.1' (4.9m)
13.1' (4m)	968.2	90.0	21.4' (6.5m)
16.4' (5m)	619.6	57.6	26.6' (8.1m)
19.7' (6m)	430.3	40.0	31.9' (9.7m)

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
240W
VOLTAGE
120-347V



H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	4,381.3	407.0	11.2' (3.4m)
9.8' (3m)	1,947.2	180.9	16.8' (5.1m)
13.1' (4m)	1,095.3	101.8	22.3' (6.8m)
16.4' (5m)	701.0	65.1	27.9' (8.5m)
19.7' (6m)	486.8	45.2	33.5' (10.2m)

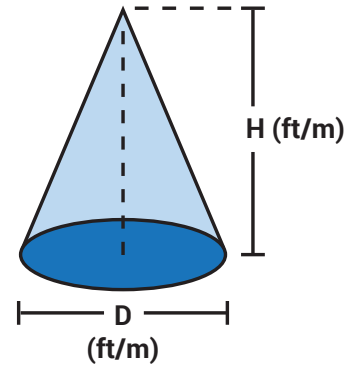
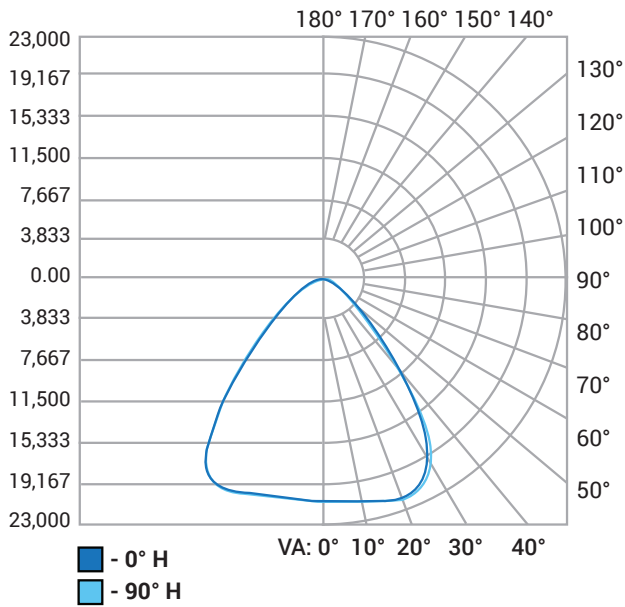
*Based on operation at 4000K & 347V.

PHOTOMETRIC INFORMATION

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
300W
VOLTAGE
120-347V



H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	5,271.4	125.4	10.2' (3.1m)
9.8' (3m)	2,342.8	55.7	15.1' (4.6m)
13.1' (4m)	1,317.8	31.4	20.4' (6.2m)
16.4' (5m)	843.4	20.1	25.3' (7.7m)
19.7' (6m)	585.7	13.9	30.6' (9.3m)

*Based on operation at 4000K & 347V.