

Model #	
Type	
Project	
Date	

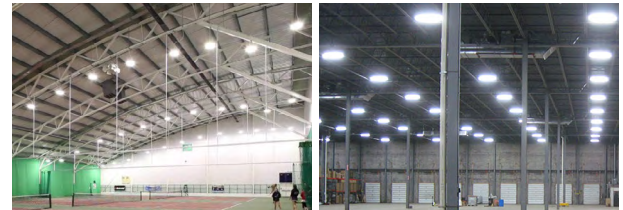
HBV1-SERIES MONOPOINT HIGH BAY

The HBV1-Series is a monopoint high bay offering that combines performance and price to give you the best of both worlds. With an efficacy of up to 150 lm/W and four impressive lumen packages, they are the perfect choice for applications where an economical solution is required.



HIGHLIGHTS

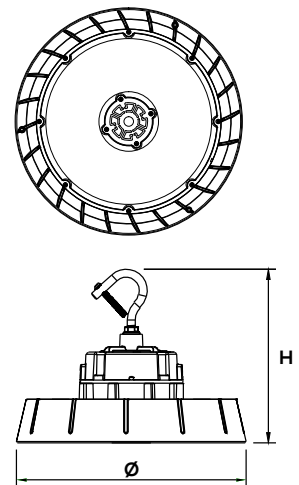
- DLC Premium listed
- Up to 150 lm/W
- 80+ CRI
- Available in both 100-277V or 120-347V with 0-10V dimming
- Includes an hook mount and 6.5-foot (2m) cord for easy installation
- IP65 rated for protection against water jet spray
- Four impressive lumen packages: 14,000 lumens (100W), 21,000 lumens (150W), 29,000 lumens (200W) and 35,000 lumens (240W)
- Aluminum and Prismatic 90° Reflectors available as additional accessories



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)
100-277	100	11 13/32" (290mm)	7 9/16" (192mm)	3.8kg / 8.4lbs
	150			3.7kg / 8.2lbs
	200	13 25/32" (350mm)	8 1/4" (210mm)	4.9kg / 10.8lbs
	240			4.9kg / 10.8lbs
120-347	100	11 13/32" (290mm)	7 9/16" (192mm)	4.2kg / 9.2lbs
	150			3.9kg / 8.6lbs
	200	13 25/32" (350mm)	8 1/4" (210mm)	5.2kg / 11.5lbs
	240			5.9kg / 13.0lbs



ORDERING GUIDE

SERIES	-	POWER (W)	CCT	-	VOLTAGE
HBV1	-	100: 100W 150: 150W 200: 200W 240: 240W	4: 4000K 5: 5000K	-	1: 100-277V 3: 120-347V
MODEL SELECTION					
SERIES	-	POWER (W)	CCT	-	VOLTAGE
HBV1	-	150	4	-	1

EXAMPLE: HBV1-1504-1

ACCESSORIES SELECTION

ORDER	MODEL #	DESCRIPTION
	HBV-REF1-AL-90	90 degree aluminum reflector (100-150W models)
	HBV-REF2-AL-90	90 degree aluminum reflector (200-240W models)
	HBV-REF1-PC-90	90 degree prismatic reflector (100-150W models)
	HBV-REF2-PC-90	90 degree prismatic reflector (200-240W models)
	HB-CARABINER	Carabiner (all models)
	FHUPS1-UNV-25L-SD	Fulham Emergency Battery, Field Mount, 25W, 100-277V
	FHSWLPWH	Wall plate for test switch (white)
	FHS-TSTWL-BC	Test switch, wet location (IP67, switch side)
	FHS-EXT-48-TST	Extension for test switch with connectors (48")

PRODUCT FEATURES

CONSTRUCTION

- Matte black die cast aluminum
- 6.5-foot (2m) black 18/3 power cord and black 22/2 dimming cord
- Polycarbonate lens

INSTALLATION

- Mounting hook included
- Pre-installed 6.5' (2m) power and dimming cord

ELECTRICAL

- "-1" models designed to operate between 100-277V
- "-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
- RoHS compliant
- IP65 rated
- IK10 rated
- Listed for use in:
 - 100W: -40°C to 55°C (-40°F to 131°F)
 - 150/200W/240W: -40°C to 50°C (-40°F to 122°F)

RATED LIFE & WARRANTY

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

ORDERING INFORMATION






INPUT VOLTAGE	POWER (W)	CCT (K)	MODEL NUMBER	DELIVERED LUMENS (LM)	EFFICACY (lm/W)	DLC PREMIUM
100-277V	100W	4K	HBV1-1004-1	14,331 lm	143 lm/W	PLDPRXPX05HS
		5K	HBV1-1005-1	14,539 lm	145 lm/W	PL3G5X089T4N
	150W	4K	HBV1-1504-1	21,791 lm	145 lm/W	PLMVJLH00JUE
		5K	HBV1-1505-1	22,030 lm	147 lm/W	PL3PD23SULV5
	200W	4K	HBV1-2004-1	29,500 lm	147 lm/W	PL2GELQP4PB8
		5K	HBV1-2005-1	29,912 lm	150 lm/W	PLFOVDM7LFCG
240W	4K	HBV1-2404-1	34,986 lm	146 lm/W	PL9D42SYWGYW	
	5K	HBV1-2405-1	35,487 lm	148 lm/W	PLG7ET9WUL2N	
120-347V	100W	4K	HBV1-1004-3	14,953 lm	145 lm/W	PLU63P2WZLFF
		5K	HBV1-1005-3	15,169 lm	147 lm/W	PLXG6HFXSGDT
	150W	4K	HBV1-1504-3	22,089 lm	144 lm/W	PLTQF92LOMTO
		5K	HBV1-1505-3	22,332 lm	146 lm/W	PLX3FHID71KR
	200W	4K	HBV1-2004-3	29,749 lm	145 lm/W	PLLQF0RVSMMA
		5K	HBV1-2005-3	30,119 lm	147 lm/W	PL2K3AQFR0EO
240W	4K	HBV1-2404-3	35,864 lm	145 lm/W	PLBIDH73NHVP	
	5K	HBV1-2405-3	36,295 lm	146 lm/W	PLW2M9TJ8EKP	

PACKING INFORMATION


MODEL	CASE QUANTITY	PALLET QUANTITY
100W	CASE OF 1	75
150W	CASE OF 1	75
200W	CASE OF 1	51
240W	CASE OF 1	51

OPTIONAL ACCESSORIES

ACCESSORIES

IMAGE	DESCRIPTION	MODEL NUMBER
	90 degree reflector for HBV1-series 100-150W models	HBV-REF1-AL-90
	90 degree reflector for HBV1-series 200-240W models	HBV-REF2-AL-90
	90 degree prismatic reflector for HBV1-series 100-150W models	HBV-REF1-PC-90
	90 degree prismatic reflector for HBV1-series 200W-240W models	HBV-REF2-PC-90
	Carabiner for HBV1 High Bays	HB-CARABINER

BATTERY ACCESSORY

IMAGE	DESCRIPTION	MODEL NUMBER
	<p>Battery with Accessories Fulham 25W Sinusoidal Emergency Micro Inverter Field mounted emergency battery backup with test switch indicator included. Controls up to 150W of load with 0-10V dimming. Minimum 90 minutes discharge. Charge time 12 hours. Under voltage, overload and short circuit protection. Remote mount up to 50m (164ft) away with 18AWG. Remote mount test switch up to 20m (65ft). No remote control available. Dimming control. 120-277V Input. IP20 rated. Operation range of 0°C to 50°C (32°F to 122°F) Battery and accessories all ordered separately.</p> <p>Wall plate for test switch (white) Test switch, wet location (IP67, switch side) Extension for test switch with connectors (48")</p>	<p>FHUPS1-UNV-25L-SD</p> <p>FHSWLPWH FHS-TSTWL-BC FHS-EXT-48-TST</p>

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}
100-277V	100W	103.8VA	99.9W	0.863A	0.493A	0.436A	0.392A	-	-
	150W	154.3VA	149.5W	1.284A	0.728A	0.636A	0.551A	-	-
	200W	201.6VA	199.3W	1.680A	0.963A	0.840A	0.733A	-	-
	240W	242.6VA	238.4W	2.019A	1.136A	0.989A	0.872A	-	-
120-347V	100W	100.4VA	102.8W	0.872A	0.491A	0.427A	0.368A	0.305A	-
	150W	155.2VA	152.3W	1.290A	0.725A	0.631A	0.547A	0.450A	-
	200W	205.2VA	203.8W	1.710A	0.960A	0.824A	0.711A	0.581A	-
	240W	232.7VA	246.8W	2.058A	1.177A	0.981A	0.859A	0.710A	-
INPUT VOLTAGE	POWER (W)	INRUSH CURRENT (A)			DRIVER SURGE PROTECTION				
100-277V	100W	<60A @ 120V, <100A @ 277V			4KV				
	150W								
	200W	<60A @ 120V, <130A @ 277V							
	240W								
120-347V	100W	<80A @ 120V, <120A @ 347V							
	150W	<50A @ 277V, <100A @ 347V							
	200W	<50A @ 277V, <100A @ 347V							
	240W	<60A @ 277V, <100A @ 347V							

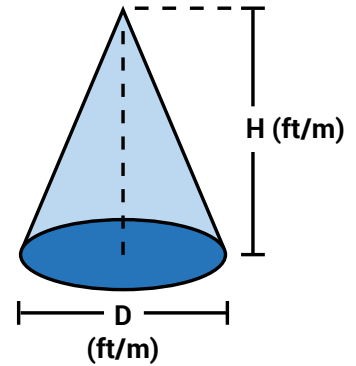
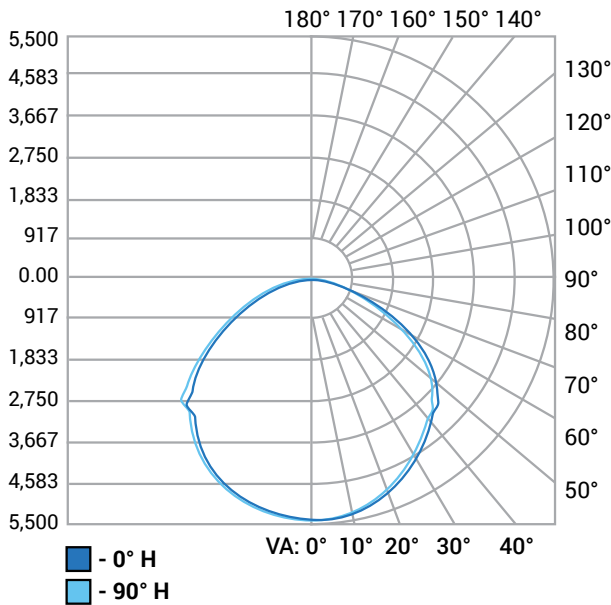
PHOTOMETRIC INFORMATION

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
100W

VOLTAGE
100-277V



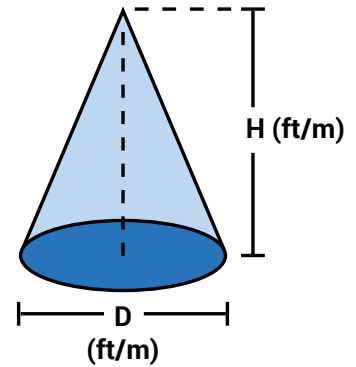
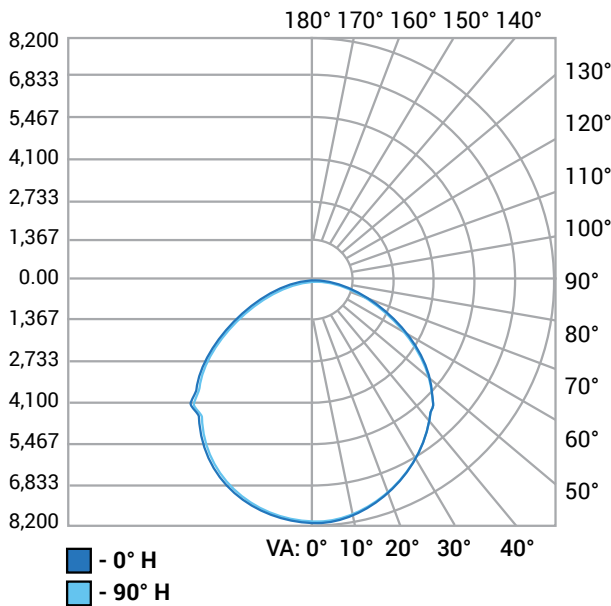
H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	1,355.0	125.9	20.4' (6.2m)
9.8' (3m)	602.2	56.0	30.9' (9.4m)
13.1' (4m)	338.7	28.0	41.1' (12.5m)
16.4' (5m)	216.8	17.9	51.2' (15.6m)
19.7' (6m)	150.6	12.4	61.4' (18.7m)

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
150W

VOLTAGE
100-277V



H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	2,030.9	188.7	20.4' (6.2m)
9.8' (3m)	902.6	83.9	30.9' (9.4m)
13.1' (4m)	507.7	47.2	41.1' (12.5m)
16.4' (5m)	324.9	30.2	51.2' (15.6m)
19.7' (6m)	225.7	21.0	61.4' (18.7m)

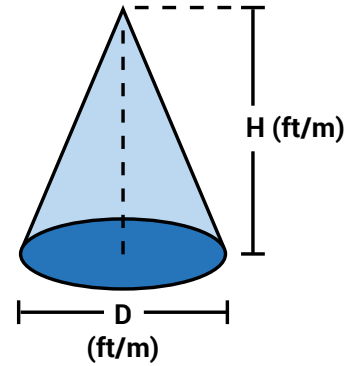
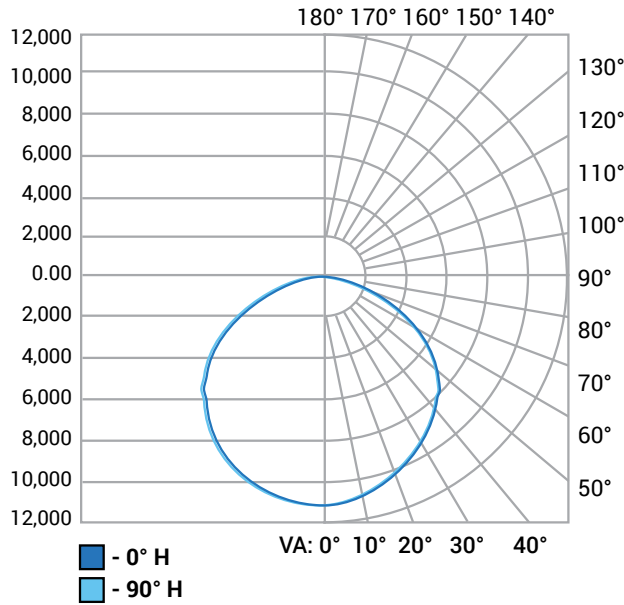
*Based on operation at 4000K & 120V.

PHOTOMETRIC INFORMATION

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
200W
VOLTAGE
100-277V

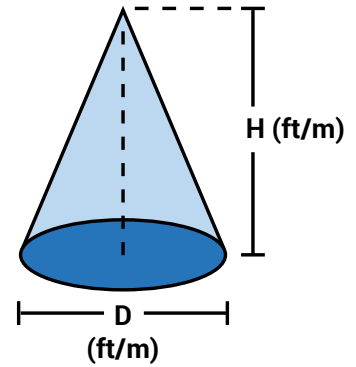
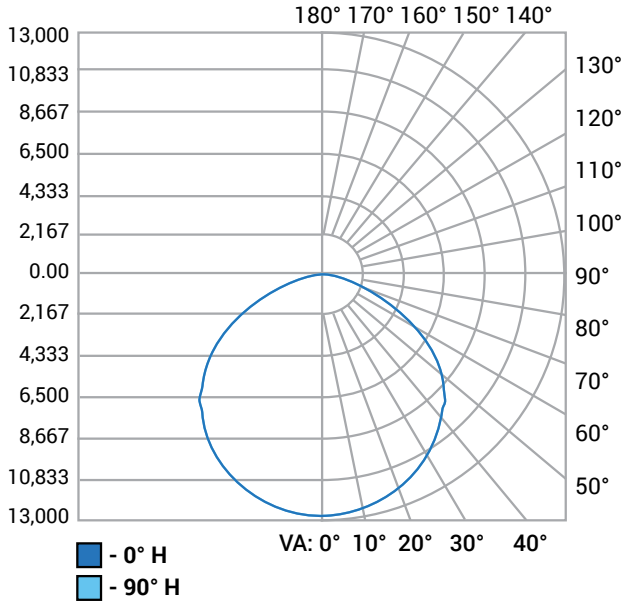


H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	2,790.8	259.3	20.7' (6.3m)
9.8' (3m)	1,240.4	115.2	30.9' (9.4m)
13.1' (4m)	697.7	64.8	41.4' (12.6m)
16.4' (5m)	446.5	41.5	51.6' (15.7m)
19.7' (6m)	310.1	28.8	61.8' (18.8m)

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
240W
VOLTAGE
100-277V



H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	3,224.3	299.6	20.7' (6.3m)
9.8' (3m)	1,433.0	133.1	30.9' (9.4m)
13.1' (4m)	806.1	74.9	41.1' (12.5m)
16.4' (5m)	515.9	47.9	61.4' (15.7m)
19.7' (6m)	358.3	33.3	61.8' (18.8m)

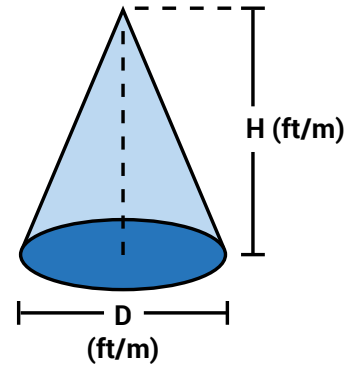
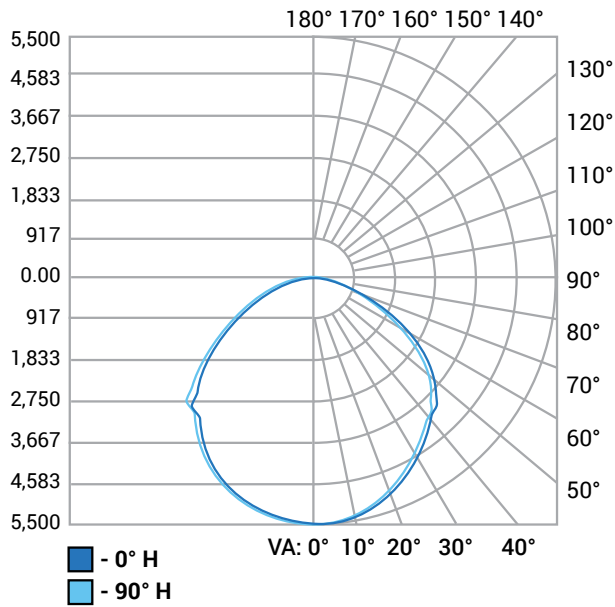
*Based on operation at 4000K & 120V.

PHOTOMETRIC INFORMATION

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
100W
VOLTAGE
120-347V

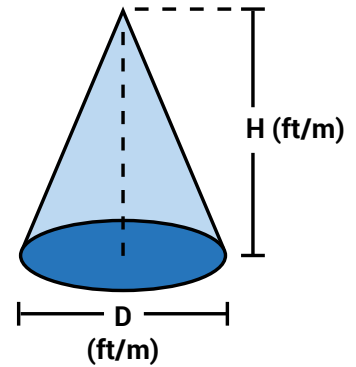
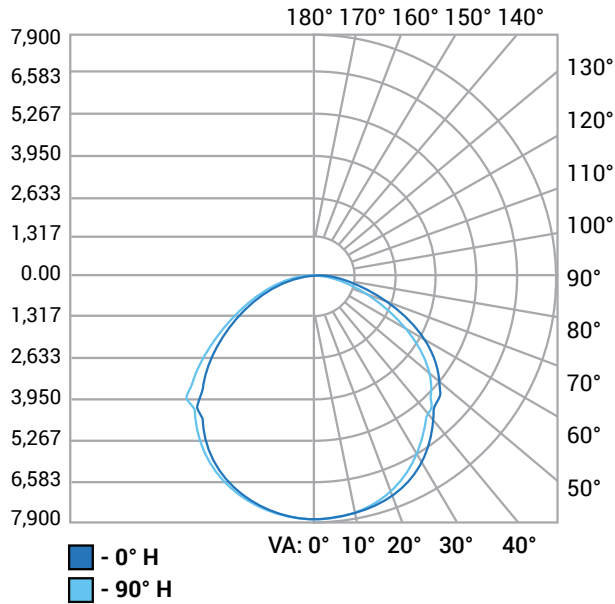


H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	1,349.4	125.4	20.4' (6.2m)
9.8' (3m)	599.7	55.7	30.6' (9.3m)
13.1' (4m)	337.4	31.4	40.7' (12.4m)
16.4' (5m)	215.9	20.1	50.9' (15.5m)
19.7' (6m)	149.9	13.9	61.1' (18.6m)

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
150W
VOLTAGE
120-347V



H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	1,950.9	181.2	20.4' (6.2m)
9.8' (3m)	867.1	80.6	30.6' (9.3m)
13.1' (4m)	487.7	45.3	40.7' (12.4m)
16.4' (5m)	312.2	29.0	51.2' (15.6m)
19.7' (6m)	216.8	20.1	61.4' (18.7m)

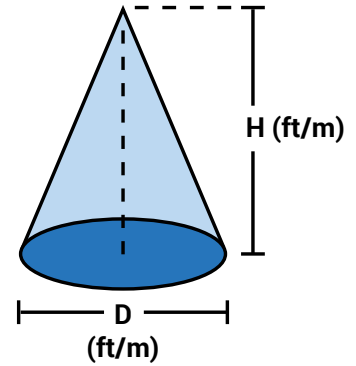
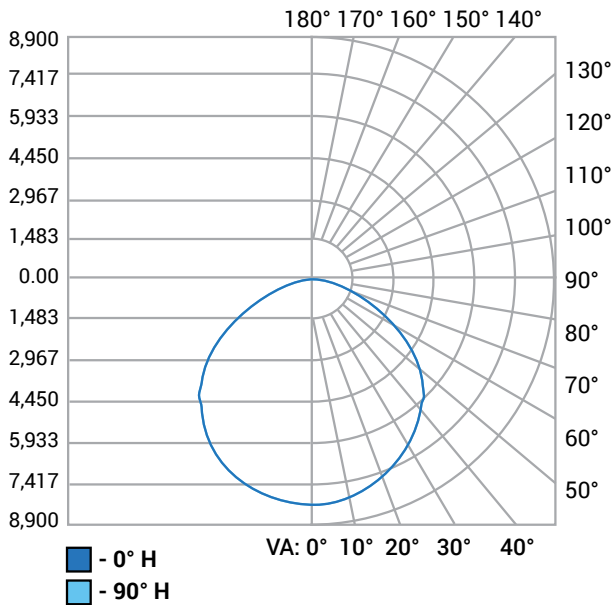
*Based on operation at 4000K & 347V.

PHOTOMETRIC INFORMATION

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
200W
VOLTAGE
120-347V

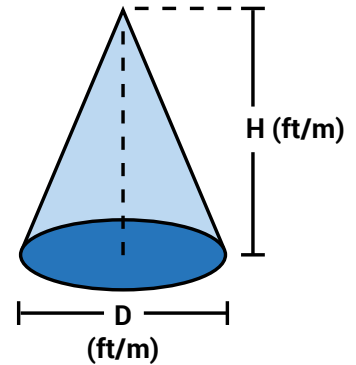
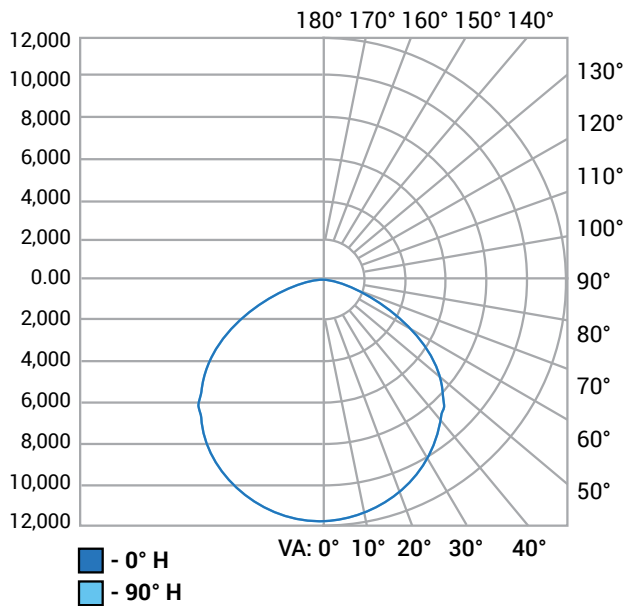


H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	2,651.3	181.2	20.7' (6.3m)
9.8' (3m)	1,178.3	80.6	30.9' (9.4m)
13.1' (4m)	662.8	45.3	41.1' (12.5m)
16.4' (5m)	424.2	29.0	51.2' (15.6m)
19.7' (6m)	294.6	20.1	61.8' (18.8m)

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
240W
VOLTAGE
120-347V



H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	3,197.2	299.6	20.4' (6.2m)
9.8' (3m)	1,421.0	133.1	30.9' (9.4m)
13.1' (4m)	799.3	74.9	41.1' (12.5m)
16.4' (5m)	511.6	47.9	51.2' (15.6m)
19.7' (6m)	355.2	33.0	61.4' (18.7m)

*Based on operation at 4000K & 347V.