

LED Linear High Bay

The ProGem LED Linear High Bay, 150 lm/W, IP40 Dry Location Rated, Dimmable + Smart Inside

FEATURES

Lumen Output 12000 to 48750 lumens

Efficacy 150 lm/W

Input Voltage 120-277V or 277-480V

Dimmable 0-10V Continuous

Size 2-FT, 4-FT

CCT 4000K or 5000K

Rating IP40 Dry Location

Warranty 7 Years

APPLICATIONS

Premium indoor luminaire for hanging or pendant mounting in high ceiling spaces above 25 feet. Suitable for gymnasiums, warehouses, manufacturing, packaging, storage, aisles, and covered decks.

CONSTRUCTION

Manufactured for durability using aluminum sheet housing with semi-gloss coating to resist corrosion, discoloration, and scratching. Ventilated driver bay for additional heat dissipation. IP40 Dry Location rated for protection against solid objects 1.0mm diameter and greater, dry location: IEC 60529.

ELECTRICAL

Input voltages 120-277V or 277-480V models with 0-10V Continuous Dimming. Operating temperatures -4°F to 104°F (-20°C to 40°C).

MOUNTING

Aluminum V-Hooks and Chains for hanging standard. Optional Pendant Mount Bracket or pair of 10-FT Aircraft Cables available.

OPTICS

Anti-UV Frosted Polycarbonate Lens standard. Protective Wire Guards available.

CONTROLS

Installed fixture mounted Smart Sensor for Photocell and Bi-Level Motion Dimming available.

EMERGENCY

Installed 90 Minute Emergency Backup Battery LED Driver available.

LISTINGS

DLC Premium listed. UL certified to meet US and Canadian standards. FCC and RoHS compliant.

WARRANTY

7 year exclusive limited warranty. View complete product warranty information <https://etheriumled.com/warranty/>.

Project:
Date:
Catalog No:
Prepared By:

2-FT and 4-FT Models



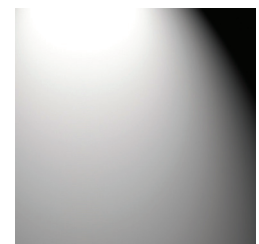
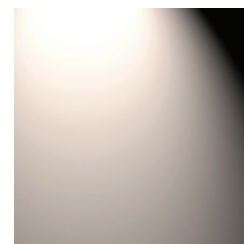
Proprietary Flat Standard Design



CORRELATED COLOR TEMPERATURES (CCT)

4000K

5000K



SPECIFICATIONS

ENERGY DATA

Input Voltage: 120-277V
Input Frequency: 50/60 Hz
Wattage: 80W, 110W, 165W, 225W, 320W, 325W
Power Factor: >0.9
Total Harmonic Distortion (THD): <15%
Operating Temperature: -4°F to 104°F (-20°C to 40°C)

LIGHTING DATA

Lumens: 12000, 16500, 24750, 33750, 48000, 48750
Lumens Per Watt: 150 lm/W
Color Correlated Temperature (CCT): 4000K, 5000K
Dimmable: 0-10V
Color Rendering Index (CRI): >80
L70: 75000 hours

ORDERING INFORMATION

Model	Size	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions	Weight
ETH-B02-80W-H-4000K	2-FT	80W	120-277V	0.67A@120V, 0.29A@277V	12000	150 lm/W	4000K	0-10V	White	23.82"L x 12.60"W x 3.28"H	6.80 lbs
ETH-B02-80W-H-5000K	2-FT	80W	120-277V	0.67A@120V, 0.29A@277V	12000	150 lm/W	5000K	0-10V	White	23.82"L x 12.60"W x 3.28"H	6.80 lbs
ETH-B03-110W-H-4000K	2-FT	110W	120-277V	0.92A@120V, 0.40A@277V	16500	150 lm/W	4000K	0-10V	White	23.82"L x 12.60"W x 3.00"H	7.20 lbs
ETH-B03-110W-H-5000K	2-FT	110W	120-277V	0.92A@120V, 0.40A@277V	16500	150 lm/W	5000K	0-10V	White	23.82"L x 12.60"W x 3.00"H	7.20 lbs
ETH-B01-110W-HV-H-4000K	2-FT	110W	277-480V	0.40A@277V, 0.23A@480V	16500	150 lm/W	4000K	0-10V	White	23.82"L x 12.60"W x 3.00"H	7.20 lbs
ETH-B01-110W-HV-H-5000K	2-FT	110W	277-480V	0.40A@277V, 0.23A@480V	16500	150 lm/W	5000K	0-10V	White	23.82"L x 12.60"W x 3.00"H	7.20 lbs
ETH-B05-165W-H-4000K	2-FT	165W	120-277V	1.38A@120V, 0.60A@277V	24750	150 lm/W	4000K	0-10V	White	23.82"L x 17.32"W x 3.00"H	8.94 lbs
ETH-B05-165W-H-5000K	2-FT	165W	120-277V	1.38A@120V, 0.60A@277V	24750	150 lm/W	5000K	0-10V	White	23.82"L x 17.32"W x 3.00"H	8.94 lbs
ETH-B08-165W-H-4000K	4-FT	165W	120-277V	1.38A@120V, 0.60A@277V	24750	150 lm/W	4000K	0-10V	White	45.75"L x 12.63"W x 2.13"H	12.38 lbs
ETH-B08-165W-H-5000K	4-FT	165W	120-277V	1.38A@120V, 0.60A@277V	24750	150 lm/W	5000K	0-10V	White	45.75"L x 12.63"W x 2.13"H	12.38 lbs
ETH-B09-225W-H-4000K	4-FT	225W	120-277V	1.88A@120V, 0.81A@277V	33750	150 lm/W	4000K	0-10V	White	45.75"L x 12.63"W x 2.13"H	12.60 lbs
ETH-B09-225W-H-5000K	4-FT	225W	120-277V	1.88A@120V, 0.81A@277V	33750	150 lm/W	5000K	0-10V	White	45.75"L x 12.63"W x 2.13"H	12.60 lbs
ETH-B07-225W-HV-H-4000K	4-FT	225W	277-480V	0.81A@277V, 0.47A@480V	33750	150 lm/W	4000K	0-10V	White	45.75"L x 12.63"W x 2.13"H	12.60 lbs
ETH-B07-225W-HV-H-5000K	4-FT	225W	277-480V	0.81A@277V, 0.47A@480V	33750	150 lm/W	5000K	0-10V	White	45.75"L x 12.63"W x 2.13"H	12.60 lbs
ETH-B10-320W-HV-H-4000K	4-FT	320W	277-480V	1.16A@277V, 0.67A@480V	48000	150 lm/W	4000K	0-10V	White	46.00"L x 17.50"W x 2.40"H	16.20 lbs
ETH-B10-320W-HV-H-5000K	4-FT	320W	277-480V	1.16A@277V, 0.67A@480V	48000	150 lm/W	5000K	0-10V	White	46.00"L x 17.50"W x 2.40"H	16.20 lbs
ETH-B11-325W-H-4000K	4-FT	325W	120-277V	2.71A@120V, 1.17A@277V	48750	150 lm/W	4000K	0-10V	White	45.75"L x 17.76"W x 3.00"H	21.25 lbs
ETH-B11-325W-H-5000K	4-FT	325W	120-277V	2.71A@120V, 1.17A@277V	48750	150 lm/W	5000K	0-10V	White	45.75"L x 17.76"W x 3.00"H	21.25 lbs

Mount	Sensor	Accessory	Emergency
PHBPM Pendant Mount Bracket	SMART INSTALLED - Smart Sensor for Photocell and PIR Bi-Level Motion Dimming	PHBWG2M Wire Guard for 2-FT 80W, 100W	EM INSTALLED - 90 Minute Emergency Backup Battery LED Driver
AC-10 Pair of 10-FT Aircraft Cables	(Blank) None	PHBWG2L Wire Guard for 2-FT 165W	(Blank) None
(Blank) V-Hooks and Chains (Standard)	(Blank) None	PHBWG4M Wire Guard for 4-FT 165W, 225W PHBWG4L Wire Guard for 4-FT 320W, 325W (Blank) None	(Blank) None

ORDERING GUIDE

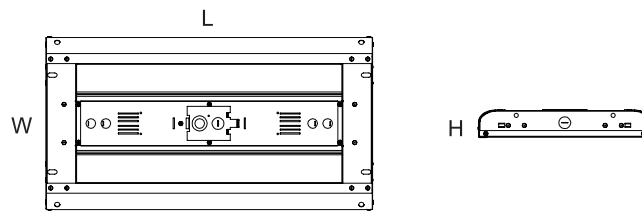
ETH	B02	80W	H	4000K	PHBPM	SMART	PHBWG2M	EM
ETH	Group	Wattage	Voltage	CCT	Mount	Sensor	Accessory	Emergency



PHYSICAL DIMENSIONS

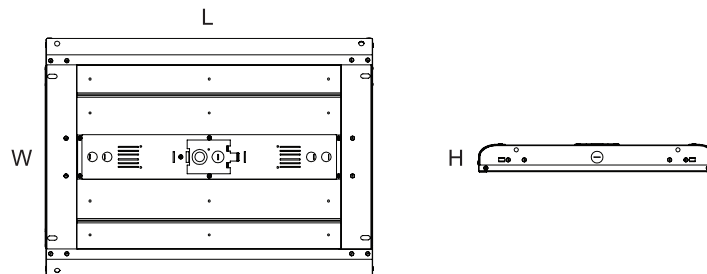
2-FT 80W and 110W Models

23.82"L x 12.60"W x 3.28"H



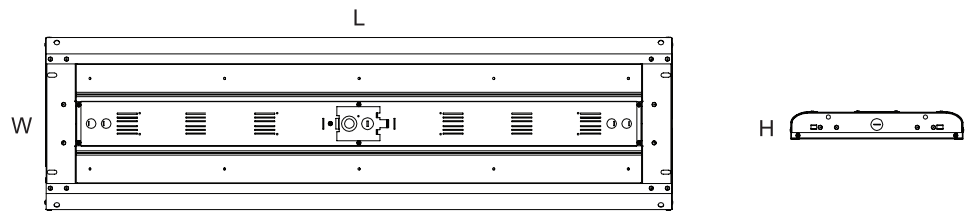
2-FT 165W Models

23.82"L x 17.32"W x 3.00"H



4-FT 165W and 225W Models

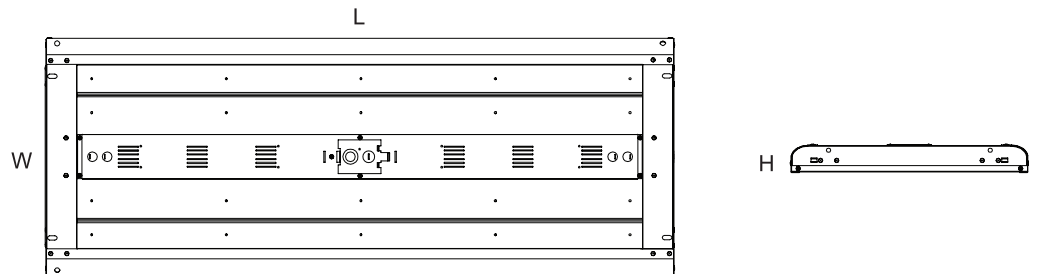
45.75"L x 12.63"W x 2.13"H



4-FT 320W and 325W Models

46.00"L x 17.50"W x 2.40"H

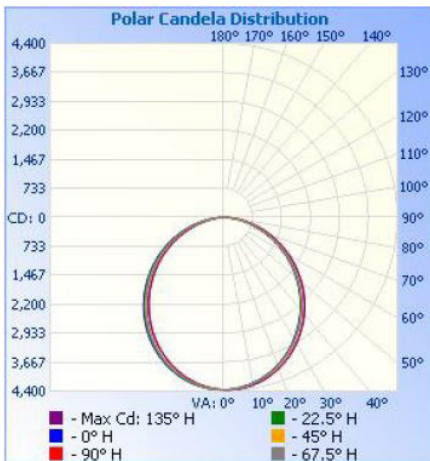
45.75"L x 17.76"W x 3.00"H



SHIPPING INFORMATION

Model Wattage	Unit Weight	Shipping Dimensions	Shipping Weight	Quantity /Box
2-FT 80W	6.80 lbs	25.39"L x 15.15"W x 15.90"D	37.60 lbs	4
2-FT 110W	7.20 lbs	25.39"L x 15.15"W x 15.90"D	17.25 lbs	2
2-FT 165W	8.94 lbs	25.39"L x 19.88"W x 15.90"D	19.84 lbs	2
4-FT 165W	12.38 lbs	46.75"L x 13.63"W x 5.00"D	28.70 lbs	2
4-FT 225W	12.60 lbs	46.75"L x 13.63"W x 5.00"D	28.80 lbs	2
4-FT 320W	21.25 lbs	48.13"L x 20.00"W x 9.25"D	49.40 lbs	2
4-FT 325W	16.20 lbs	48.00"L x 20.00"W x 7.00"D	43.00 lbs	2

ETH-B02-80W-H-XXXXK (277V)



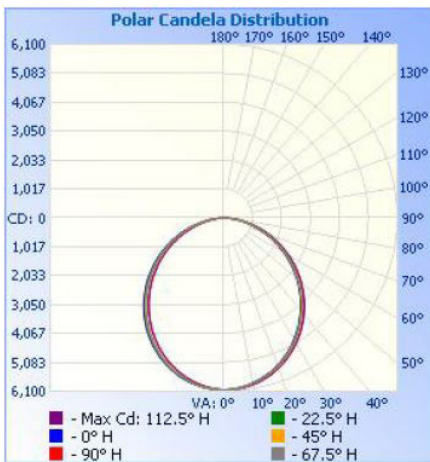
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	3345.0	27.6%	27.6%
0-40	5438.1	44.8%	44.8%
0-60	9490.4	78.2%	78.2%
60-90	2536.4	20.9%	20.9%
70-100	1110.9	9.2%	9.2%
90-120	55.0	0.5%	0.5%
0-90	12026.9	99.1%	99.1%
90-180	111.8	0.9%	0.9%
0-180	12138.7	100%	100%

ILLUMINANCE

Height	Center Beam fc		Beam Width	
	Height	Beam fc	Beam Width	Beam Width
17.0 ft	15.1 fc	47.7 ft	47.0 ft	
34.0 ft	3.77 fc	95.5 ft	94.1 ft	
51.0 ft	1.68 fc	143.2 ft	141.1 ft	
68.0 ft	0.94 fc	190.9 ft	188.1 ft	
85.0 ft	0.60 fc	238.7 ft	235.2 ft	
102.0 ft	0.42 fc	286.4 ft	282.2 ft	
		Vert. 109.1°	Horiz. 108.3°	

ETH-B03-110W-H-XXXXK (277V)



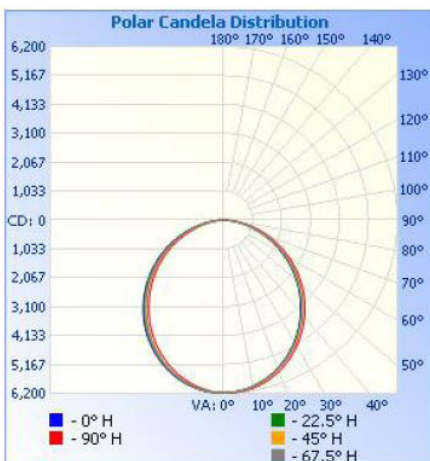
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	4632.9	27.6%	27.6%
0-40	7532.8	44.8%	44.8%
0-60	13149.7	78.2%	78.2%
60-90	3511.5	20.9%	20.9%
70-100	1535.5	9.1%	9.1%
90-120	75.7	0.4%	0.4%
0-90	16661.2	99.1%	99.1%
90-180	153.0	0.9%	0.9%
0-180	16814.2	100%	100%

ILLUMINANCE

Height	Center Beam fc		Beam Width	
	Height	Beam fc	Beam Width	Beam Width
17.0 ft	20.9 fc	47.9 ft	47.0 ft	
34.0 ft	5.22 fc	95.8 ft	93.9 ft	
51.0 ft	2.32 fc	143.7 ft	140.9 ft	
68.0 ft	1.31 fc	191.6 ft	187.9 ft	
85.0 ft	0.84 fc	239.5 ft	234.9 ft	
102.0 ft	0.58 fc	287.4 ft	281.8 ft	
		Vert. 109.3°	Horiz. 108.2°	

ETH-B01-110W-HV-H-XXXXK (480V)



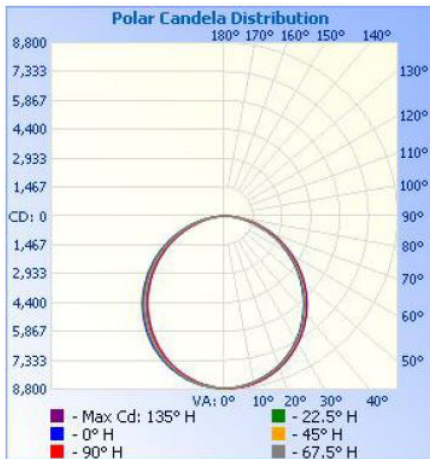
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	4738.3	27.8%	27.8%
0-40	7701.8	45.2%	45.2%
0-60	13434.2	78.8%	78.8%
60-90	3555.1	20.8%	20.8%
70-100	1528.2	9.0%	9.0%
90-120	29.7	0.2%	0.2%
0-90	16989.2	99.6%	99.6%
90-180	60.6	0.4%	0.4%
0-180	17049.9	100%	100%

ILLUMINANCE

Height	Center Beam fc		Beam Width	
	Height	Beam fc	Beam Width	Beam Width
17.0 ft	21.4 fc	47.6 ft	47.0 ft	
34.0 ft	5.35 fc	95.3 ft	93.9 ft	
51.0 ft	2.38 fc	142.9 ft	140.9 ft	
68.0 ft	1.34 fc	190.5 ft	187.8 ft	
85.0 ft	0.86 fc	238.2 ft	234.8 ft	
102.0 ft	0.59 fc	285.8 ft	281.7 ft	
		Vert. 109.0°	Horiz. 108.2°	

ETH-B05-165W-H-XXXXK (277V)



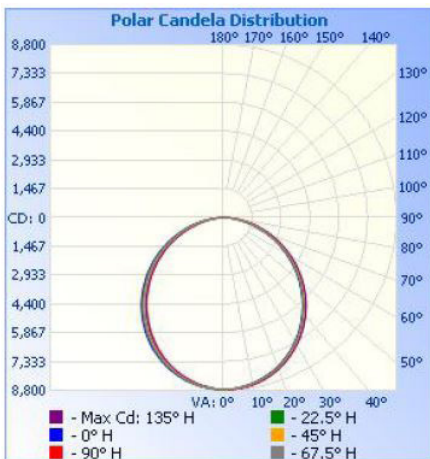
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	6795.8	27.1%	27.1%
0-40	11109.7	44.2%	44.2%
0-60	19589.1	78.0%	78.0%
60-90	5370.4	21.4%	21.4%
70-100	2336.0	9.3%	9.3%
90-120	80.5	0.3%	0.3%
0-90	24959.5	99.3%	99.3%
90-180	161.0	0.6%	0.6%
0-180	25120.5	100%	100%

ILLUMINANCE

Height	Center Beam fc	Beam Width	
17.0 ft	30.4 fc	50.2 ft	49.8 ft
34.0 ft	7.60 fc	100.4 ft	99.5 ft
51.0 ft	3.38 fc	150.5 ft	149.3 ft
68.0 ft	1.90 fc	200.7 ft	199.1 ft
85.0 ft	1.22 fc	250.9 ft	248.8 ft
102.0 ft	0.84 fc	301.1 ft	298.6 ft
		Vert. 111.8°	Horiz. 111.3°

ETH-B08-165W-H-XXXXK (277V)



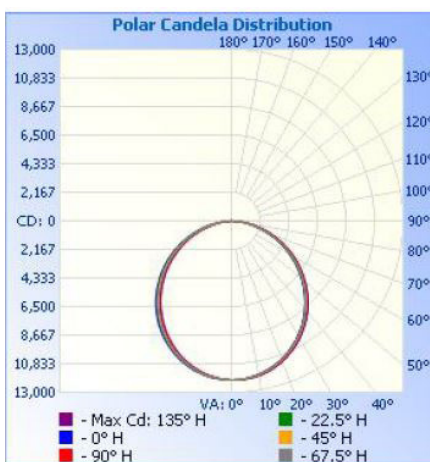
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	6755.3	27.1%	27.1%
0-40	11029.0	44.3%	44.3%
0-60	19407.9	77.9%	77.9%
60-90	5331.5	21.4%	21.4%
70-100	23326	9.4%	9.4%
90-120	88.2	0.4%	0.4%
0-90	24739.4	99.3%	99.3%
90-180	174.0	0.7%	0.7%
0-180	24913.4	100%	100%

ILLUMINANCE

Height	Center Beam fc	Beam Width	
17.0 ft	30.3 fc	50.1 ft	49.0 ft
34.0 ft	7.57 fc	100.2 ft	98.0 ft
51.0 ft	3.36 fc	150.3 ft	147.0 ft
68.0 ft	1.89 fc	200.3 ft	196.1 ft
85.0 ft	1.21 fc	250.4 ft	245.1 ft
102.0 ft	0.84 fc	300.5 ft	294.1 ft
		Vert. 111.7°	Horiz. 110.5°

ETH-B09-225W-H-XXXXK (277V)



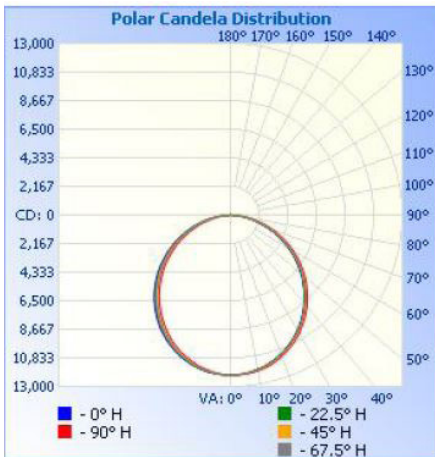
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	9312.8	27.2%	27.2%
0-40	15203.9	44.3%	44.3%
0-60	26749.5	78.0%	78.0%
60-90	7334.8	21.4%	21.4%
70-100	3199.5	9.3%	9.3%
90-120	105.9	0.3%	0.3%
0-90	34084.3	99.4%	99.4%
90-180	209.4	0.6%	0.6%
0-180	34293.7	100%	100%

ILLUMINANCE

Height	Center Beam fc	Beam Width	
17.0 ft	41.7 fc	50.1 ft	48.9 ft
34.0 ft	10.4 fc	100.2 ft	97.8 ft
51.0 ft	4.64 fc	150.3 ft	146.7 ft
68.0 ft	2.61 fc	200.4 ft	195.5 ft
85.0 ft	1.67 fc	250.5 ft	244.4 ft
102.0 ft	1.16 fc	300.6 ft	293.3 ft
		Vert. 111.7°	Horiz. 110.4°

ETH-B07-225W-HV-H-XXXXK (480V)



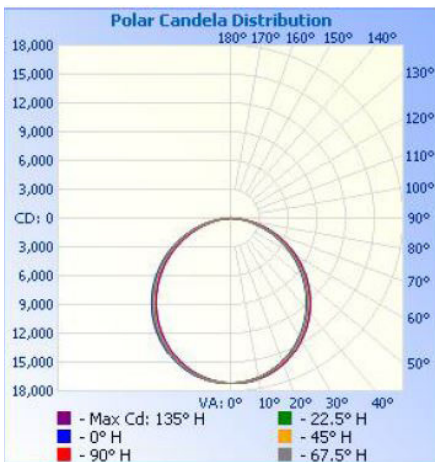
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	9365.8	27.1%	27.1%
0-40	15291.0	44.3%	44.3%
0-60	26906.4	77.9%	77.9%
60-90	7390.8	21.4%	21.4%
70-100	3234.8	9.4%	9.4%
90-120	122.8	0.4%	0.4%
0-90	34297.2	99.3%	99.3%
90-180	241.0	0.7%	0.7%
0-180	34538.2	100%	100%

ILLUMINANCE

Height	Center Beam fc	Beam Width	
17.0 ft	42.0 fc	50.0 ft	49.0 ft
34.0 ft	10.5 fc	100.0 ft	98.0 ft
51.0 ft	4.66 fc	150.0 ft	147.0 ft
68.0 ft	2.62 fc	200.1 ft	196.0 ft
85.0 ft	1.68 fc	250.1 ft	244.9 ft
102.0 ft	1.17 fc	300.1 ft	293.9 ft
		Vert. 111.6°	Horiz. 110.5°

ETH-B10-320W-HV-H-XXXXK (480V)



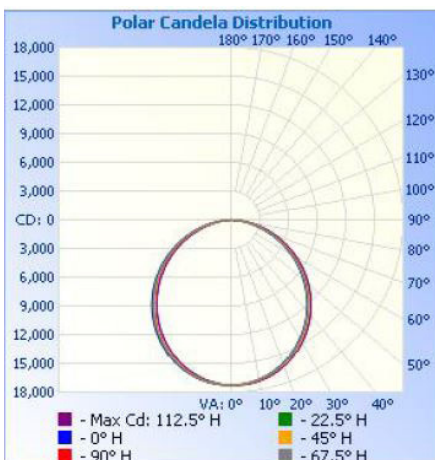
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	13305.5	27.0%	27.0%
0-40	21752.7	44.2%	44.2%
0-60	38367.3	78.0%	78.0%
60-90	10592.9	21.5%	21.5%
70-100	4633.4	9.4%	9.4%
90-120	131.2	0.3%	0.3%
0-90	48960.1	99.5%	99.5%
90-180	244.8	0.5%	0.5%
0-180	49204.9	100%	100%

ILLUMINANCE

Height	Center Beam fc	Beam Width	
17.0 ft	59.5 fc	50.3 ft	50.0 ft
34.0 ft	14.9 fc	100.6 ft	100.0 ft
51.0 ft	6.61 fc	150.8 ft	149.9 ft
68.0 ft	3.72 fc	201.1 ft	199.9 ft
85.0 ft	2.38 fc	251.4 ft	249.9 ft
102.0 ft	1.65 fc	301.7 ft	299.9 ft
		Vert. 111.9°	Horiz. 111.5°

ETH-B11-325W-H-XXXXK (277V)



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	13365.7	27.1%	27.1%
0-40	21850.5	44.3%	44.3%
0-60	38535.2	78.1%	78.1%
60-90	10616.0	21.5%	21.5%
70-100	4628.1	9.4%	9.4%
90-120	116.7	0.2%	0.2%
0-90	49151.2	99.6%	99.6%
90-180	216.3	0.4%	0.4%
0-180	49367.4	100%	100%

ILLUMINANCE

Height	Center Beam fc	Beam Width	
17.0 ft	59.8 fc	50.3 ft	49.8 ft
34.0 ft	14.9 fc	100.6 ft	99.7 ft
51.0 ft	6.64 fc	150.9 ft	149.5 ft
68.0 ft	3.74 fc	201.3 ft	199.3 ft
85.0 ft	2.39 fc	251.6 ft	249.2 ft
102.0 ft	1.66 fc	301.9 ft	299.0 ft
		Vert. 111.9°	Horiz. 111.4°