



YES LED Area Light

The YES LED Area Light, 170 lm/W, IP67 Wet Location Rated, Dimmable + Smart Inside

Project:
Date:
Catalog No:
Prepared By:

FEATURES

Lumen Output	17000 to 51000 lumens
Efficacy	170 lm/W
Input Voltage	120-277V or 277-480V
Dimmable	0-10V Continuous
CCT	4000K or 5000K
IP Rating	IP67 Wet Location
Impact Protection	IK10 /20J
Neutral Salt Spray /Fog Rating	Grade 9
Surge Protection	3kV-6.6kV: LN, 5kV-10kV: LN-PE/N-PE
Vibration Rating	3g
Warranty	5 Years

APPLICATIONS

Premium outdoor luminaire suitable for parking areas, auto dealerships, industrial yards, building exteriors, roadways, alleys, and pedestrian walkways.

CONSTRUCTION

Manufactured for weather-proof durability using solid heavy duty die cast aluminum housing with anti-UV polyester coating to resist water, salt, corrosion, discoloration, and scratching. IP67 Wet Location rated for dust-tight, temporary immersion: IEC 60529. Impact Protection IK10, 20 joules: IEC 62262:2002. NSS, Neutral Salt Spray Rating Grade 9, 0<A≤1%: ASTM B117-2018/ASTM D1654-05. Vibration Acceleration Rating 3g: IEC 6008-2-6:1995.

ELECTRICAL

Input voltages 120-277V or 277-480V models with 0-10V Continuous Dimming. Operating temperatures -4°F to 122°F (-20°C to 50°C). Surge Protection Rating 3kV-6.6kV: L-N, 5kV-10kV: L-PE/N-PE: IEC 61000-4-5.

MOUNTING

Adjustable options include Slip-Fit, Round /Square Pole, and Trunnion Mounts.

OPTICS

Anti-UV Clear Polycarbonate IES /NEMA Type III Lens standard. Type II, Type IV, Type V Lens, and Glare Shield available.

CONTROLS

PIR Photocell, Bi-Level Dimming, and Motion Detection programmable twist-lock cap with Remote Control. Shorting Cap for manual switch or timer control.

LISTINGS

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

WARRANTY

5 year exclusive limited warranty. View complete product warranty information

100W Models



150W, 200W Models



240W, 300W Models



Slip-Fit Mount



Trunnion Mount



Square /Round Pole Mount



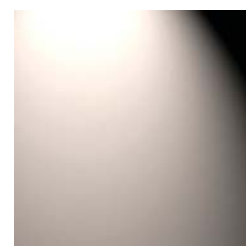
Smart Sensor Cap



CORRELATED COLOR TEMPERATURES (CCT)

4000K

5000K





SPECIFICATIONS

ENERGY DATA

Input Voltage: 120-277V, 277-480V

Input Frequency: 50/60 Hz

Wattage: 100W, 150W, 200W, 240W, 300W

Power Factor: >0.9

Total Harmonic Distortion (THD): <15%

Operating Temperature: -4°F to 122°F (-20°C to 50°C)

LIGHTING DATA

Lumens: 17000 (100W), 25500 (150W), 34000 (200W), 40800 (240W), 51000 (300W)

Lumens Per Watt: 170 lm/W

Color Correlated Temperature (CCT): 4000K, 5000K

Dimmable: 0-10V

Color Rendering Index (CRI): >70

L70: 75000 hours

ORDERING INFORMATION

Model	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions	Weight
YES-A02-100W-HY-4000K	100W	120-277V	0.83A@120V, 0.36A@277V	17000	170 lm/W	4000K	0-10V	Dark Bronze	13.14"L x 12.40"W x 2.55"H	10.40 lbs
YES-A02-100W-HY-5000K	100W	120-277V	0.83A@120V, 0.36A@277V	17000	170 lm/W	5000K	0-10V	Dark Bronze	13.14"L x 12.40"W x 2.55"H	10.40 lbs
YES-A01-100W-HY-HV-4000K	100W	277-480V	0.36A@277V, 0.21A@480V	17000	170 lm/W	4000K	0-10V	Dark Bronze	13.14"L x 12.40"W x 2.55"H	10.40 lbs
YES-A01-100W-HY-HV-5000K	100W	277-480V	0.36A@277V, 0.21A@480V	17000	170 lm/W	5000K	0-10V	Dark Bronze	13.14"L x 12.40"W x 2.55"H	10.40 lbs
YES-A04-150W-HY-4000K	150W	120-277V	1.25A@120V, 0.54A@277V	25500	170 lm/W	4000K	0-10V	Dark Bronze	17.91"L x 12.40"W x 2.55"H	11.00 lbs
YES-A04-150W-HY-5000K	150W	120-277V	1.25A@120V, 0.54A@277V	25500	170 lm/W	5000K	0-10V	Dark Bronze, White	17.91"L x 12.40"W x 2.55"H	11.00 lbs
YES-A03-150W-HY-HV-4000K	150W	277-480V	0.54A@277V, 0.31A@480V	25500	170 lm/W	4000K	0-10V	Dark Bronze	17.91"L x 12.40"W x 2.55"H	11.00 lbs
YES-A03-150W-HY-HV-5000K	150W	277-480V	0.54A@277V, 0.31A@480V	25500	170 lm/W	5000K	0-10V	Dark Bronze	17.91"L x 12.40"W x 2.55"H	11.00 lbs
YES-A05-200W-HY-4000K	200W	120-277V	1.67A@120V, 0.72A@277V	34000	170 lm/W	4000K	0-10V	Dark Bronze	17.91"L x 12.40"W x 2.55"H	14.30 lbs
YES-A05-200W-HY-5000K	200W	120-277V	1.67A@120V, 0.72A@277V	34000	170 lm/W	5000K	0-10V	Dark Bronze	17.91"L x 12.40"W x 2.55"H	14.30 lbs
YES-A07-240W-HY-4000K	240W	120-277V	2.00A@120V, 0.87A@277V	40800	170 lm/W	4000K	0-10V	Dark Bronze	22.79"L x 12.40"W x 2.55"H	14.60 lbs
YES-A07-240W-HY-5000K	240W	120-277V	2.00A@120V, 0.87A@277V	40800	170 lm/W	5000K	0-10V	Dark Bronze	22.79"L x 12.40"W x 2.55"H	14.60 lbs
YES-A06-240W-HY-HV-4000K	240W	277-480V	0.87A@277V, 0.50A@480V	40800	170 lm/W	4000K	0-10V	Dark Bronze	22.79"L x 12.40"W x 2.55"H	14.60 lbs
YES-A06-240W-HY-HV-5000K	240W	277-480V	0.87A@277V, 0.50A@480V	40800	170 lm/W	5000K	0-10V	Dark Bronze	22.79"L x 12.40"W x 2.55"H	14.60 lbs
YES-A09-300W-HY-H-4000K	300W	120-277V	2.50A@120V, 1.08A@277V	51000	170 lm/W	4000K	0-10V	Dark Bronze	22.79"L x 12.40"W x 2.55"H	19.40 lbs
YES-A09-300W-HY-H-5000K	300W	120-277V	2.50A@120V, 1.08A@277V	51000	170 lm/W	5000K	0-10V	Dark Bronze, White	22.79"L x 12.40"W x 2.55"H	19.40 lbs
YES-A08-300W-HY-HV-4000K	300W	277-480V	1.08A@277V, 0.63A@480V	51000	170 lm/W	4000K	0-10V	Dark Bronze	22.79"L x 12.40"W x 2.55"H	19.40 lbs
YES-A08-300W-HY-HV-5000K	300W	277-480V	1.08A@277V, 0.63A@480V	51000	170 lm/W	5000K	0-10V	Dark Bronze	22.79"L x 12.40"W x 2.55"H	19.40 lbs

Optics	Mount	Sensor	Accessory
T2 Type II Lens	A Slip-Fit (Adjustable)	ALPCSG2	Photocell Cap Sensor AGLS Glare Shield
T3 Type III Lens	B Square or Round Pole (Adjustable)	ALMSPCSG2	Photocell + Bi-Level Motion Dimming Sensor (Blank) None
T4 Type IV Lens	C Square Pole (Adjustable)	SC	Shorting Cap
T5 Type V Lens	D Trunnion Mount (Adjustable)		
	E None		

ORDERING GUIDE

YES	A02	100W	HY	4000K	T3	A	ALPCSG2	AGLS
YES	Group	Wattage	Voltage	CCT	Lens	Mount	Sensor	Accessory

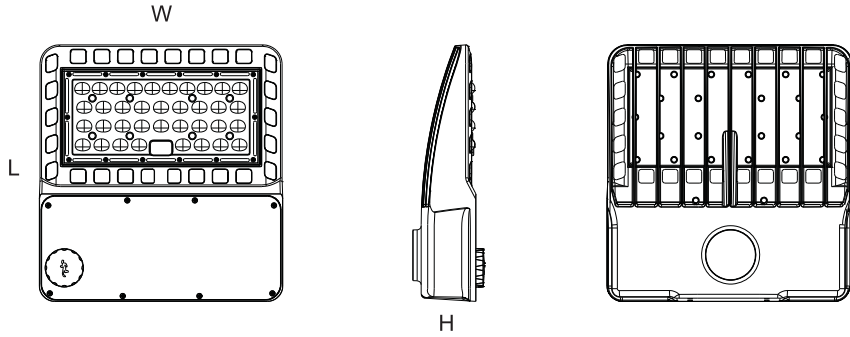




PHYSICAL DIMENSIONS

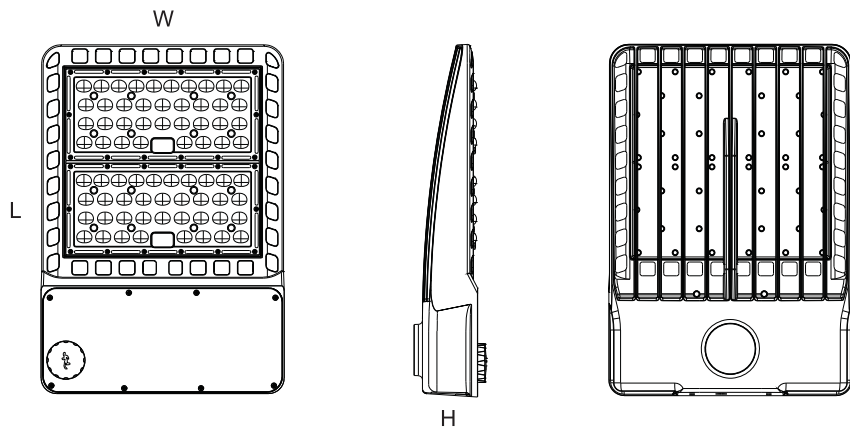
100W Models

13.14"L x 12.40"W x 2.55"H



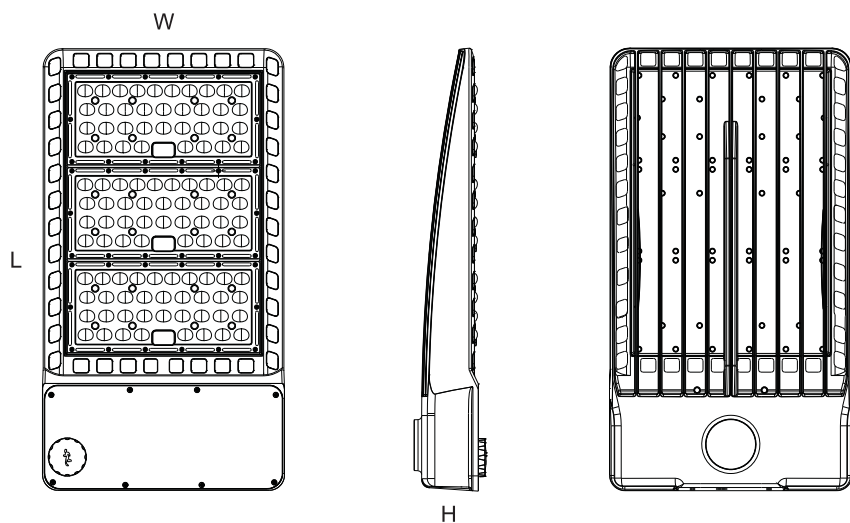
150W and 200W Models

17.91"L x 12.40"W x 2.55"H

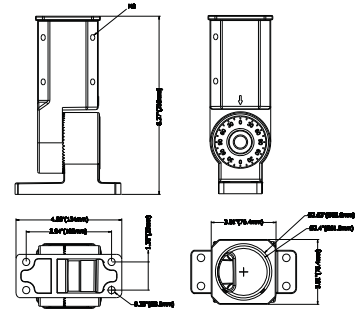


240W and 300W Models

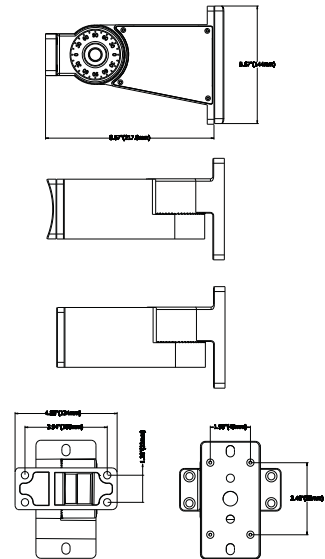
22.79"L x 12.40"W x 2.55"H



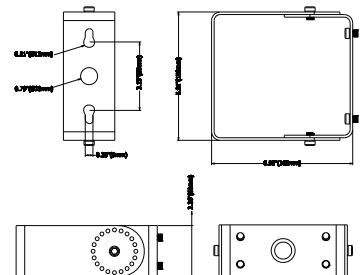
Slip-Fit Mount



Round /Square Pole Mount



Trunnion Mount





YES LED Area Light

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FEATURES

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Efficacy	170 lm/W
Input Voltage	120-277V or 277-480V
Dimmable	0-10V Continuous
CCT	4000K or 5000K
IP Rating	IP67 Wet Location
Impact Protection	IK10 /20J
Neutral Salt Spray /Fog Rating	Grade 9
Surge Protection	3kV-6.6kV: LN, 5kV-10kV: LN-PE/N-PE
Vibration Rating	3g
Warranty	5 Years

APPLICATIONS

Premium outdoor luminaire suitable for parking areas, auto dealerships, industrial yards, building exteriors, roadways, alleys, and pedestrian walkways.

CONSTRUCTION

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ELECTRICAL

Input voltages 120-277V or 277-480V models with 0-10V Continuous Dimming. Operating temperatures -4°F to 122°F (-20°C to 50°C). Surge Protection Rating 3kV-6.6kV: L-N, 5kV-10kV: L-PE/N-PE: IEC 61000-4-5.

MOUNTING

Adjustable options include Slip-Fit, Round /Square Pole, and Trunnion Mounts.

OPTICS

Anti-UV Clear Polycarbonate IES /NEMA Type III Lens standard. Type II, Type IV, Type V Lens, and Glare Shield available.

CONTROLS

PIR Photocell, Bi-Level Dimming, and Motion Detection programmable twist-lock cap with Remote Control. Shorting Cap for manual switch or timer control.

LISTINGS

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

WARRANTY

5 year exclusive limited warranty. View complete product warranty information

100W Models



150W, 200W Models



240W, 300W Models



Slip-Fit Mount



Trunnion Mount



Square /Round Pole Mount



Smart Sensor Cap



CORRELATED COLOR TEMPERATURES (CCT)

4000K

5000K





YES-A02-100W-HY-5000K (277V)

Distribution: Nema Type III, Short, Cutoff

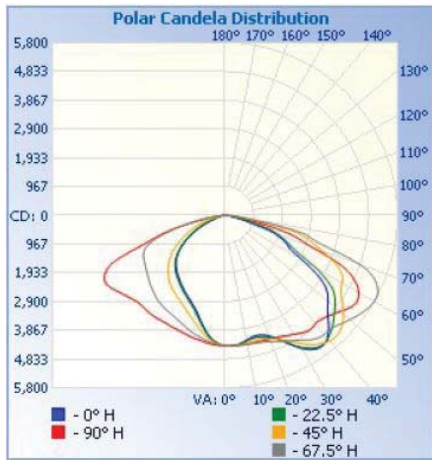
Lamp Output: 17383.9 lumens

Max Candela: 5798.0 at Horizontal: 67.5°, Vertical: 61°

Input Wattage: 100.52

Nema Type: 7 X 7

BUG: B3 U3 G3



Distribution: Nema Type IV, Very Short, Semi-Cutoff

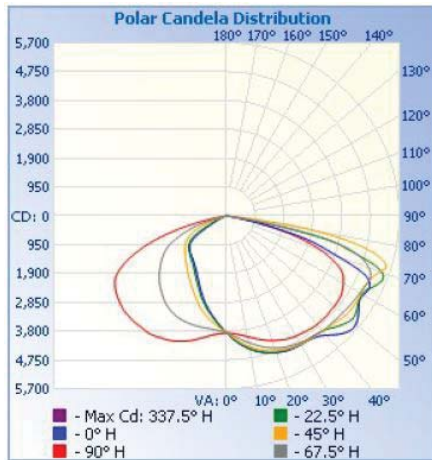
Lamp Output: 17358.8 lumens

Max Candela: 5616.1 at Horizontal: 337.5°, Vertical: 69°

Input Wattage: 101.07

Nema Type: 7 X 7

BUG: B3 U2 G2



Distribution: Nema Type V, Very Short, Semi-Cutoff

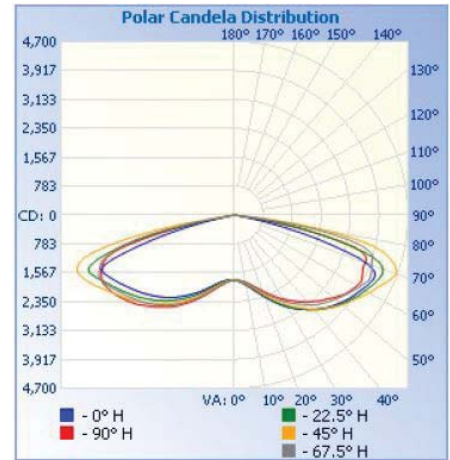
Lamp Output: 17356.7 lumens

Max Candela: 4658.9 at Horizontal: 45°, Vertical: 70°

Input Wattage: 99.86

Nema Type: 7 X 7

BUG: B4 U2 G2



ROADWAY SUMMARY

Max Cd, 90° Vertical: 19.4

Max Cd, 80 to <90°: 2780.7

	Lumens	% Lamp
Downward Street Side	10565.3	60.8%
Downward House Side	6648.8	38.2%
Downward Total	17214.1	99%
Upward Street Side	88.6	0.5%
Upward House Side	81.3	0.5%
Upward Total	169.8	1%
Total Lumens:	17383.9	100%

Max Cd, 90° Vertical: 18.9

Max Cd, 80 to <90°: 3287.3

	Lumens	% Lamp
Downward Street Side	12195.6	70.3%
Downward House Side	5115.9	29.5%
Downward Total	17311.4	99.7%
Upward Street Side	21.3	0.1%
Upward House Side	26.1	0.2%
Upward Total	47.4	0.3%
Total Lumens:	17358.8	100%

Max Cd, 90° Vertical: 19.4

Max Cd, 80 to <90°: 2780.7

	Lumens	% Lamp
Downward Street Side	8982.4	51.8%
Downward House Side	8318.2	47.9%
Downward Total	17300.6	99.7%
Upward Street Side	30.5	0.2%
Upward House Side	25.6	0.1%
Upward Total	56.1	0.3%
Total Lumens:	17356.7	100%

FLOOD SUMMARY

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	97.4%	16929.9	159.2	152.5
Beam (50%)	77.9%	13548.1	139.9	112.7
Total	99.9%	17375.6		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	98.7%	17127.7	130.7	143.2
Beam (50%)	82.3%	14278.9	114.6	95.9
Total	99.9%	17347.4		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	99.2%	17219.1	143.6	162.8
Beam (50%)	90.4%	15692.2	130.1	153.3
Total	99.9%	17341.9		

ILLUMINANCE

Height	Center Beam fc	Beam Width	
17.0 ft	15.2 fc	51.1 ft	93.2 ft
34.0 ft	3.79 fc	102.1 ft	186.4 ft
51.0 ft	1.68 fc	153.2 ft	279.6 ft
68.0 ft	0.95 fc	204.2 ft	372.8 ft
85.0 ft	0.61 fc	255.3 ft	466.0 ft
102.0 ft	0.42 fc	306.3 ft	559.2 ft
		Vert. 112.7°	Horiz. 139.9°

Height	Center Beam fc	Beam Width	
17.0 ft	13.3 fc	37.7 ft	53.0 ft
34.0 ft	3.34 fc	75.4 ft	105.9 ft
51.0 ft	1.48 fc	113.1 ft	158.9 ft
68.0 ft	0.83 fc	150.8 ft	211.8 ft
85.0 ft	0.53 fc	188.5 ft	264.8 ft
102.0 ft	0.37 fc	226.2 ft	317.7 ft
		Vert. 95.9°	Horiz. 114.6°

Height	Center Beam fc	Beam Width	
17.0 ft	6.10 fc	143.3 ft	73.1 ft
34.0 ft	1.53 fc	286.7 ft	146.3 ft
51.0 ft	0.68 fc	430.0 ft	219.4 ft
68.0 ft	0.38 fc	573.3 ft	292.5 ft
85.0 ft	0.24 fc	716.6 ft	365.6 ft
102.0 ft	0.17 fc	860.0 ft	438.8 ft
		Vert. 153.3°	Horiz. 130.1°

YES LED Area Light



YES-A01-100W-HY-HV-5000K (480V)

Distribution: Nema Type III, Short, Cutoff

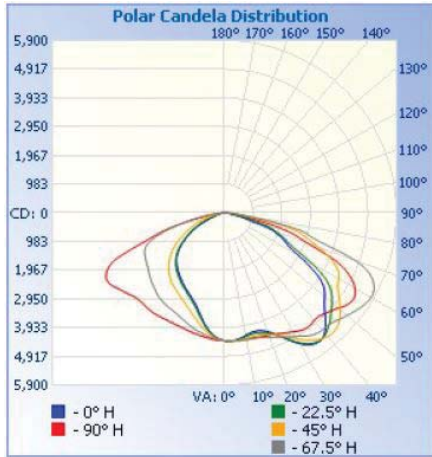
Lamp Output: 17341.9 lumens

Max Candela: 5807.0 at Horizontal: 67.5°, Vertical: 61°

Input Wattage: 99.78

Nema Type: 7 X 7

BUG: B3 U3 G3



Distribution: Nema Type IV, Very Short, Semi-Cutoff

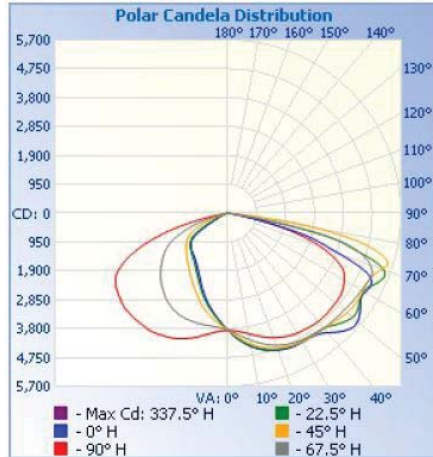
Lamp Output: 17337.5 lumens

Max Candela: 5609.9 at Horizontal: 337.5°, Vertical: 69°

Input Wattage: 100.57

Nema Type: 7 X 7

BUG: B3 U2 G2



Distribution: Nema Type V, Very Short, Semi-Cutoff

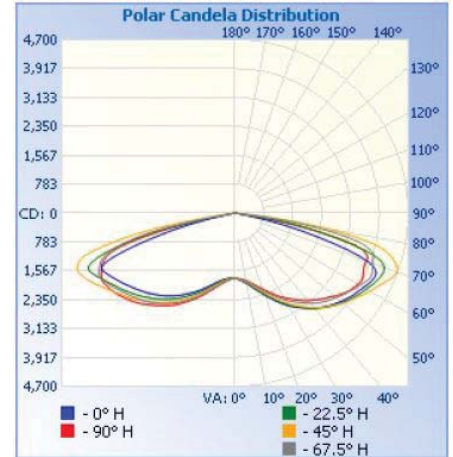
Lamp Output: 17368 lumens

Max Candela: 4681.8 at Horizontal: 45°, Vertical: 70°

Input Wattage: 99.33

Nema Type: 7 X 7

BUG: B4 U2 G2



ROADWAY SUMMARY

Max Cd, 90° Vertical: 173.9

Max Cd, 80 to <90°: 1300.5

	Lumens	% Lamp
Downward Street Side	10538.6	60.8%
Downward House Side	6633.3	38.3%
Downward Total	17171.9	99%
Upward Street Side	88.8	0.5%
Upward House Side	81.2	0.5%
Upward Total	170.0	1%
Total Lumens:	17342.0	100%

Max Cd, 90° Vertical: 18.0

Max Cd, 80 to <90°: 3277.4

	Lumens	% Lamp
Downward Street Side	12118.1	70.3%
Downward House Side	5102.9	29.4%
Downward Total	17291.0	99.7%
Upward Street Side	20.9	0.1%
Upward House Side	25.6	0.1%
Upward Total	46.5	0.3%
Total Lumens:	17337.5	100%

Max Cd, 90° Vertical: 18.7

Max Cd, 80 to <90°: 2754.8

	Lumens	% Lamp
Downward Street Side	8964.8	51.6%
Downward House Side	8347.9	48.1%
Downward Total	17312.7	99.7%
Upward Street Side	30.1	0.2%
Upward House Side	25.1	0.1%
Upward Total	55.2	0.3%
Total Lumens:	17368.0	100%

FLOOD SUMMARY

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	97.4%	16882.5	159.0	152.5
Beam (50%)	77.8%	13485.5	139.5	112
Total	99.9%	17332.8		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	98.7%	17108.2	130.7	143.2
Beam (50%)	82.3%	14270.7	114.6	95.9
Total	99.9%	17326.3		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	99.2%	17228.4	140.4	162.8
Beam (50%)	90.4%	15695.9	126.7	153.2
Total	99.9%	17353.0		

ILLUMINANCE

Height	Center Beam fc	Beam Width	
17.0 ft	15.2 fc	50.4 ft	92.1 ft
34.0 ft	3.79 fc	100.9 ft	184.2 ft
51.0 ft	1.68 fc	151.3 ft	276.3 ft
68.0 ft	0.95 fc	201.7 ft	368.4 ft
85.0 ft	0.61 fc	252.1 ft	460.5 ft
102.0 ft	0.42 fc	302.6 ft	552.6 ft
		Vert. 112.0°	Horiz. 139.5°

Height	Center Beam fc	Beam Width	
17.0 ft	13.3 fc	37.7 ft	53.0 ft
34.0 ft	3.33 fc	75.4 ft	106.0 ft
51.0 ft	1.48 fc	113.1 ft	159.0 ft
68.0 ft	0.83 fc	150.8 ft	212.0 ft
85.0 ft	0.53 fc	188.5 ft	265.0 ft
102.0 ft	0.37 fc	226.2 ft	318.0 ft
		Vert. 95.9°	Horiz. 114.6°

Height	Center Beam fc	Beam Width	
17.0 ft	6.13 fc	142.7 ft	67.7 ft
34.0 ft	1.53 fc	285.4 ft	135.4 ft
51.0 ft	0.68 fc	428.1 ft	203.1 ft
68.0 ft	0.38 fc	570.8 ft	270.8 ft
85.0 ft	0.25 fc	713.5 ft	338.5 ft
102.0 ft	0.17 fc	856.2 ft	406.3 ft
		Vert. 153.2°	Horiz. 126.7°

YES LED Area Light



YES-A04-150W-HY-5000K (277V)

Distribution: Nema Type III, Short, Cutoff

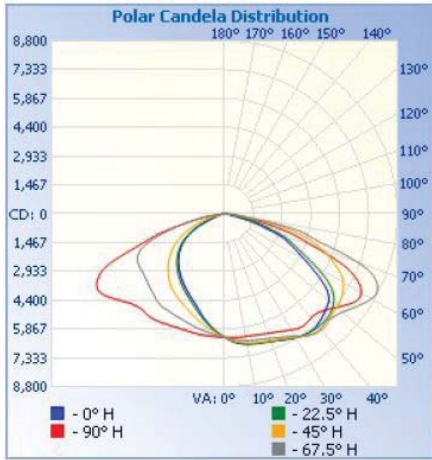
Lamp Output: 25911.5 lumens

Max Candela: 8729.6 at Horizontal: 67.5°, Vertical: 62°

Input Wattage: 149.38

Nema Type: 7 X 7

BUG: B4 U3 G3



Distribution: Nema Type IV, Very Short, Non-Cutoff

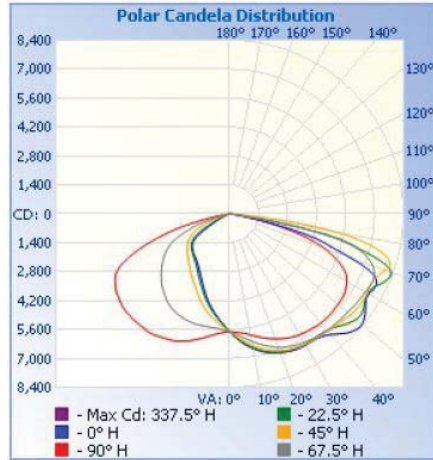
Lamp Output: 25957.6 lumens

Max Candela: 8372.0 at Horizontal: 337.5°, Vertical: 69°

Input Wattage: 150.14

Nema Type: 7 X 7

BUG: B3 U3 G3



Distribution: Nema Type V, Very Short, Semi-Cutoff

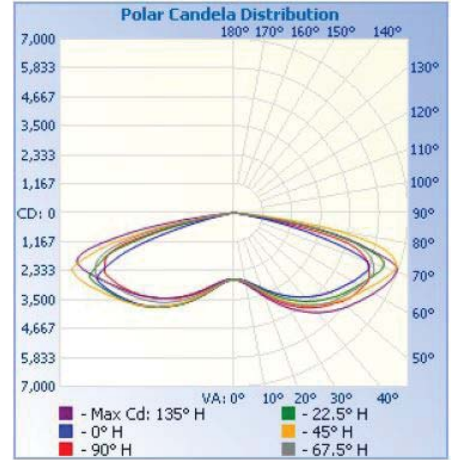
Lamp Output: 26090.8 lumens

Max Candela: 6953.0 at Horizontal: 135°, Vertical: 70°

Input Wattage: 149.93

Nema Type: 7 X 7

BUG: B5 U3 G3



ROADWAY SUMMARY

Max Cd, 90° Vertical: 276.7

Max Cd, 80 to <90°: 1871.9

	Lumens	% Lamp
Downward Street Side	15829.3	61.1%
Downward House Side	9876.3	38.1%
Downward Total	25705.6	99.2%
Upward Street Side	104.2	0.4%
Upward House Side	101.7	0.4%
Upward Total	206.0	0.8%
Total Lumens:	25911.5	100%

Max Cd, 90° Vertical: 29.4

Max Cd, 80 to <90°: 5466.6

	Lumens	% Lamp
Downward Street Side	18369.8	70.8%
Downward House Side	7515.7	29%
Downward Total	25885.5	99.7%
Upward Street Side	32.4	0.1%
Upward House Side	39.8	0.2%
Upward Total	72.2	0.3%
Total Lumens:	25957.6	100%

Max Cd, 90° Vertical: 38.4

Max Cd, 80 to <90°: 4363.9

	Lumens	% Lamp
Downward Street Side	12954.9	49.7%
Downward House Side	13000.9	49.8%
Downward Total	25955.8	99.5%
Upward Street Side	72.2	0.3%
Upward House Side	62.9	0.2%
Upward Total	135.0	0.5%
Total Lumens:	26090.8	100%

FLOOD SUMMARY

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	97.6%	25285.8	159.2	149.6
Beam (50%)	78.4%	20325.4	138.9	111.5
Total	100%	25900.1		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	98.7%	25614.9	149.9	140.8
Beam (50%)	82.3%	21371.6	137.0	89.8
Total	99.9%	25940.9		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	98.9%	25814.1	141.8	162.7
Beam (50%)	90.4%	23575.3	127.2	152.4
Total	99.9%	26069.1		

ILLUMINANCE

Height	Center Beam fc	Beam Width	Vert. Spread	Horiz. Spread
17.0 ft	21.7 fc	49.9 ft	90.8 ft	
34.0 ft	5.43 fc	99.8 ft	181.5 ft	
51.0 ft	2.41 fc	149.7 ft	272.3 ft	
68.0 ft	1.36 fc	199.6 ft	363.1 ft	
85.0 ft	0.87 fc	249.5 ft	453.8 ft	
102.0 ft	0.60 fc	299.5 ft	544.6 ft	
			Vert. 111.5°	Horiz. 138.9°

Height	Center Beam fc	Beam Width	Vert. Spread	Horiz. Spread
17.0 ft	19.7 fc	33.9 ft	86.4 ft	
34.0 ft	4.93 fc	67.7 ft	172.7 ft	
51.0 ft	2.19 fc	101.6 ft	259.1 ft	
68.0 ft	1.23 fc	135.5 ft	345.5 ft	
85.0 ft	0.79 fc	169.3 ft	431.9 ft	
102.0 ft	0.55 fc	203.2 ft	518.2 ft	
			Vert. 89.8°	Horiz. 137.0°

Height	Center Beam fc	Beam Width	Vert. Spread	Horiz. Spread
17.0 ft	9.29 fc	138.6 ft	68.4 ft	
34.0 ft	2.32 fc	277.3 ft	136.9 ft	
51.0 ft	1.03 fc	415.9 ft	205.3 ft	
68.0 ft	0.58 fc	554.5 ft	273.8 ft	
85.0 ft	0.37 fc	693.2 ft	342.2 ft	
102.0 ft	0.26 fc	831.8 ft	410.7 ft	
			Vert. 152.4°	Horiz. 127.2°

YES LED Area Light



YES-A03-150W-HY-HV-5000K (480V)

Distribution: Nema Type III, Short, Cutoff

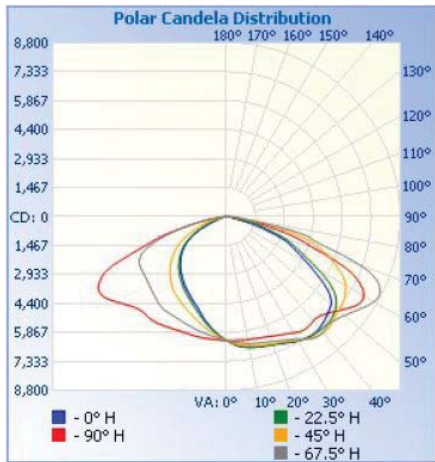
Lamp Output: 25848.9 lumens

Max Candela: 8703.0 at Horizontal: 67.5°, Vertical: 62°

Input Wattage: 148.27

Nema Type: 7 X 7

BUG: B4 U3 G3



Distribution: Nema Type IV, Very Short, Non-Cutoff

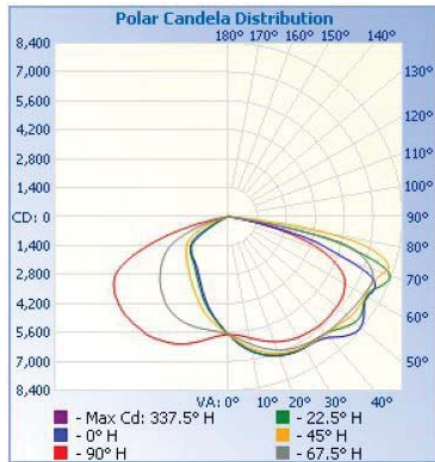
Lamp Output: 25925.8 lumens

Max Candela: 8354.8 at Horizontal: 337.5°, Vertical: 69°

Input Wattage: 149.4

Nema Type: 7 X 7

BUG: B3 U3 G3



Distribution: Nema Type V, Very Short, Semi-Cutoff

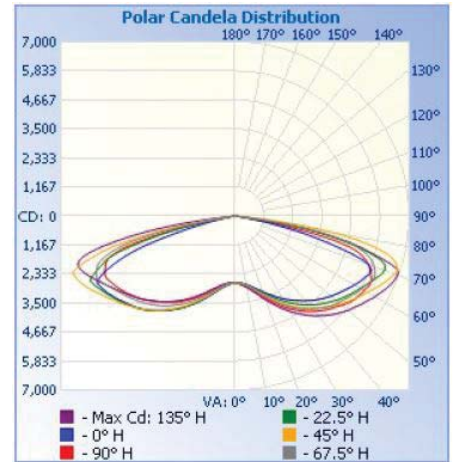
Lamp Output: 26107.7 lumens

Max Candela: 6949.7 at Horizontal: 135°, Vertical: 70°

Input Wattage: 149.14

Nema Type: 7 X 7

BUG: B5 U3 G3



ROADWAY SUMMARY

Max Cd, 90° Vertical: 273.6

Max Cd, 80 to <90°: 1883.0

	Lumens	% Lamp
Downward Street Side	15801.0	61.1%
Downward House Side	9856.2	38.1%
Downward Total	25657.1	99.3%
Upward Street Side	97.4	0.4%
Upward House Side	94.4	0.4%
Upward Total	191.8	0.7%
Total Lumens:	25848.9	100%

Max Cd, 90° Vertical: 29.8

Max Cd, 80 to <90°: 5421.0

	Lumens	% Lamp
Downward Street Side	18349.8	70.8%
Downward House Side	7503.5	28.9%
Downward Total	25853.3	99.7%
Upward Street Side	32.8	0.1%
Upward House Side	39.8	0.2%
Upward Total	72.5	0.3%
Total Lumens:	25925.9	100%

Max Cd, 90° Vertical: 37.0

Max Cd, 80 to <90°: 4371.5

	Lumens	% Lamp
Downward Street Side	12927.2	49.7%
Downward House Side	13017.3	49.9%
Downward Total	25989.4	99.5%
Upward Street Side	62.8	0.2%
Upward House Side	55.4	0.2%
Upward Total	118.3	0.5%
Total Lumens:	26107.7	100%

FLOOD SUMMARY

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	97.6%	25240.1	159.2	149.6
Beam (50%)	78.6%	20313.2	139.0	111.6
Total	100%	25837.9		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	98.7%	25580.4	149.9	140.8
Beam (50%)	82.3%	21341.5	136.9	89.7
Total	99.9%	25907.9		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	99.0%	25847.1	141.5	162.6
Beam (50%)	90.5%	23627.8	126.9	152.3
Total	99.9%	26085.3		

ILLUMINANCE

Height	Center Beam fc	Beam Width	
17.0 ft	21.7 fc	50.0 ft	90.9 ft
34.0 ft	5.42 fc	100.0 ft	181.7 ft
51.0 ft	2.41 fc	150.0 ft	272.6 ft
68.0 ft	1.36 fc	200.0 ft	363.4 ft
85.0 ft	0.87 fc	250.0 ft	454.3 ft
102.0 ft	0.60 fc	299.9 ft	545.2 ft
		Vert. 111.6°	Horiz. 139.0°

Height	Center Beam fc	Beam Width	
17.0 ft	19.7 fc	33.8 ft	86.2 ft
34.0 ft	4.93 fc	67.6 ft	172.3 ft
51.0 ft	2.19 fc	101.5 ft	258.5 ft
68.0 ft	1.23 fc	135.3 ft	344.7 ft
85.0 ft	0.79 fc	169.1 ft	430.8 ft
102.0 ft	0.55 fc	202.9 ft	517.0 ft
		Vert. 89.7°	Horiz. 136.9°

Height	Center Beam fc	Beam Width	
17.0 ft	9.30 fc	137.9 ft	68.1 ft
34.0 ft	2.32 fc	275.8 ft	136.1 ft
51.0 ft	1.03 fc	413.7 ft	204.2 ft
68.0 ft	0.58 fc	551.6 ft	272.2 ft
85.0 ft	0.37 fc	689.5 ft	340.3 ft
102.0 ft	0.26 fc	827.4 ft	408.3 ft
		Vert. 152.3°	Horiz. 126.9°

YES LED Area Light



YES-A05-200W-HY-5000K (277V)

Distribution: Nema Type III, Short, Cutoff

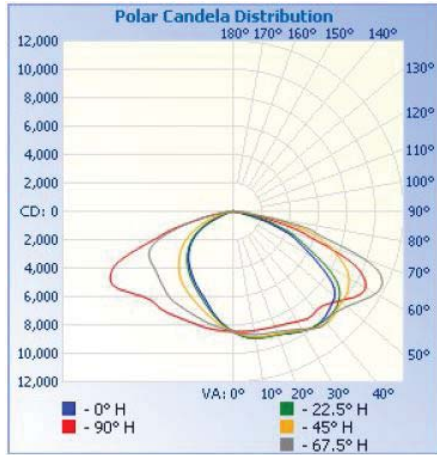
Lamp Output: 34755.6 lumens

Max Candela: 11704.5 at Horizontal: 67.5°, Vertical: 63°

Input Wattage: 202.15

Nema Type: 7 X 7

BUG: B4 U3 G4



Distribution: Nema Type IV, Very Short, Non-Cutoff

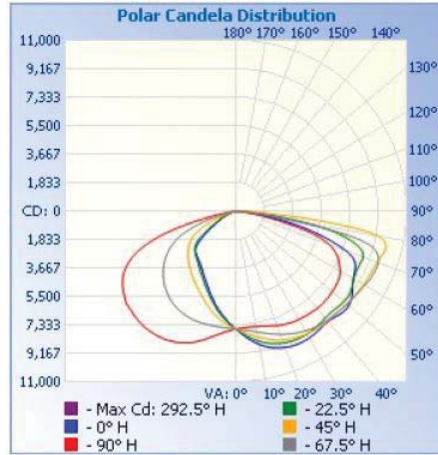
Lamp Output: 34458.9 lumens

Max Candela: 10647.6 at Horizontal: 292.5°, Vertical: 57°

Input Wattage: 201.88

Nema Type: 7 X 7

BUG: B4 U3 G5



Distribution: Nema Type V, Very Short, Non-Cutoff

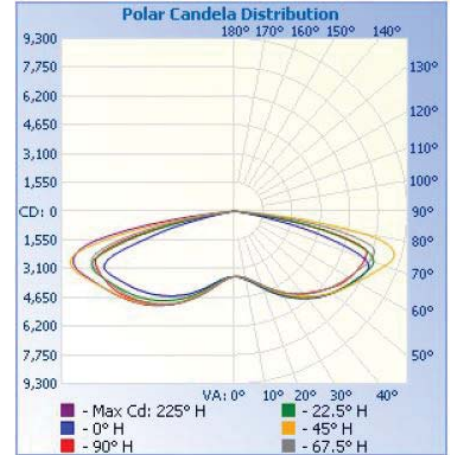
Lamp Output: 34715.6 lumens

Max Candela: 9267.4 at Horizontal: 225°, Vertical: 72°

Input Wattage: 200.97

Nema Type: 7 X 7

BUG: B5 U3 G4



ROADWAY SUMMARY

Max Cd, 90° Vertical: 369.1

Max Cd, 80 to <90°: 2613.5

	Lumens	% Lamp
Downward Street Side	21278.7	61.2%
Downward House Side	13252.0	38.1%
Downward Total	34530.7	99.4%
Upward Street Side	115.7	0.3%
Upward House Side	109.2	0.3%
Upward Total	224.9	0.6%
Total Lumens:	34755.6	100%

Max Cd, 90° Vertical: 122.7

Max Cd, 80 to <90°: 9361.1

	Lumens	% Lamp
Downward Street Side	24177.8	70.2%
Downward House Side	10151.4	29.5%
Downward Total	34329.2	99.6%
Upward Street Side	61.4	0.2%
Upward House Side	68.3	0.2%
Upward Total	129.6	0.4%
Total Lumens:	34458.9	100%

Max Cd, 90° Vertical: 43.7

Max Cd, 80 to <90°: 7114.5

	Lumens	% Lamp
Downward Street Side	17596.1	50.7%
Downward House Side	16978.3	48.9%
Downward Total	34574.5	99.6%
Upward Street Side	74.8	0.2%
Upward House Side	66.3	0.2%
Upward Total	141.1	0.4%
Total Lumens:	34715.6	100%

FLOOD SUMMARY

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	97.8%	33990.5	159.5	150.1
Beam (50%)	78.6%	27334.9	139.4	112.4
Total	100%	34739.8		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	98.5%	33934.2	158.7	144.2
Beam (50%)	82.7%	28499.6	146.3	107.2
Total	99.9%	34433.5		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	99.1%	34398.1	142.2	162.7
Beam (50%)	90.0%	31248.6	126.6	153.3
Total	99.9%	34682.9		

ILLUMINANCE

Height	Center Beam fc	Beam Width	
17.0 ft	29.3 fc	50.8 ft	91.9 ft
34.0 ft	7.32 fc	101.5 ft	183.8 ft
51.0 ft	3.25 fc	152.3 ft	275.7 ft
68.0 ft	1.83 fc	203.0 ft	367.6 ft
85.0 ft	1.17 fc	253.8 ft	459.5 ft
102.0 ft	0.81 fc	304.5 ft	551.3 ft
		Vert. 112.4°	Horiz. 139.4°

Height	Center Beam fc	Beam Width	
17.0 ft	26.3 fc	46.1 ft	112.3 ft
34.0 ft	6.58 fc	92.1 ft	224.5 ft
51.0 ft	2.92 fc	138.2 ft	336.8 ft
68.0 ft	1.64 fc	184.3 ft	449.0 ft
85.0 ft	1.05 fc	230.4 ft	561.3 ft
102.0 ft	0.73 fc	276.4 ft	673.5 ft
		Vert. 107.2°	Horiz. 146.3°

Height	Center Beam fc	Beam Width	
17.0 ft	12.2 fc	143.0 ft	67.7 ft
34.0 ft	3.05 fc	286.1 ft	135.3 ft
51.0 ft	1.36 fc	429.1 ft	203.0 ft
68.0 ft	0.76 fc	572.1 ft	270.6 ft
85.0 ft	0.49 fc	715.2 ft	338.3 ft
102.0 ft	0.34 fc	858.2 ft	405.9 ft
		Vert. 153.3°	Horiz. 126.6°

YES LED Area Light



YES-A07-240W-HY-5000K (277V)

Distribution: Nema Type III, Short, Cutoff

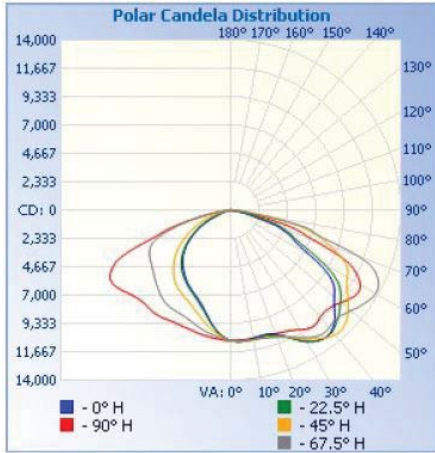
Lamp Output: 42165.7 lumens

Max Candela: 13777.7 at Horizontal: 67.5°, Vertical: 61°

Input Wattage: 243.38

Nema Type: 7 X 7

BUG: B4 U3 G4



Distribution: Nema Type IV, Very Short, Non-Cutoff

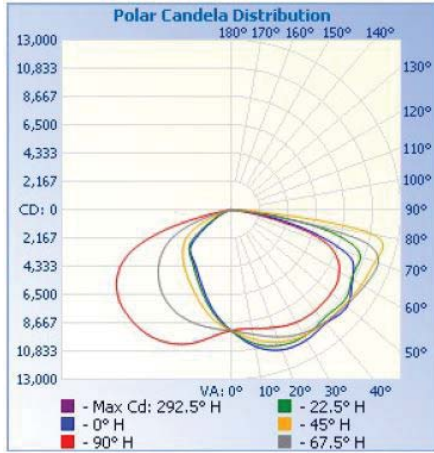
Lamp Output: 41840.4 lumens

Max Candela: 12947.8 at Horizontal: 292.5°, Vertical: 55°

Input Wattage: 242.75

Nema Type: 7 X 7

BUG: B4 U3 G5



Distribution: Nema Type V, Very Short, Non-Cutoff

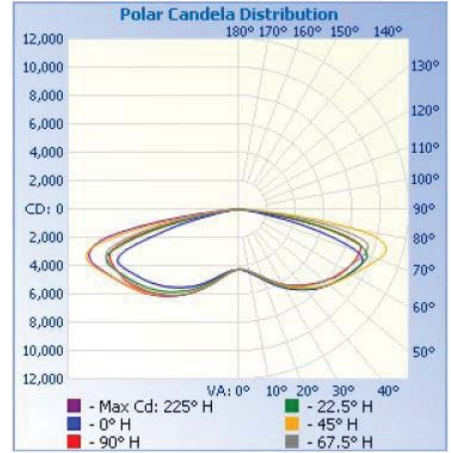
Lamp Output: 42111 lumens

Max Candela: 11241.6 at Horizontal: 225°, Vertical: 72°

Input Wattage: 241.92

Nema Type: 7 X 7

BUG: B5 U3 G4



ROADWAY SUMMARY

Max Cd, 90° Vertical: 343.3

Max Cd, 80 to <90°: 3389.2

Table with 3 columns: Direction, Lumens, % Lamp. Rows include Downward Street Side, Downward House Side, Downward Total, Upward Street Side, Upward House Side, Upward Total, and Total Lumens.

Max Cd, 90° Vertical: 94.9

Max Cd, 80 to <90°: 11146.8

Table with 3 columns: Direction, Lumens, % Lamp. Rows include Downward Street Side, Downward House Side, Downward Total, Upward Street Side, Upward House Side, Upward Total, and Total Lumens.

Max Cd, 90° Vertical: 53.0

Max Cd, 80 to <90°: 8630.1

Table with 3 columns: Direction, Lumens, % Lamp. Rows include Downward Street Side, Downward House Side, Downward Total, Upward Street Side, Upward House Side, Upward Total, and Total Lumens.

FLOOD SUMMARY

Table with 5 columns: Efficacy, Lumens, Horiz. Spread, Vert. Spread. Rows include Field (10%), Beam (50%), and Total.

Table with 5 columns: Efficacy, Lumens, Horiz. Spread, Vert. Spread. Rows include Field (10%), Beam (50%), and Total.

Table with 5 columns: Efficacy, Lumens, Horiz. Spread, Vert. Spread. Rows include Field (10%), Beam (50%), and Total.

ILLUMINANCE

Table with 4 columns: Height, Center Beam fc, Beam Width, and a sub-table for Vert. and Horiz. spread.

Table with 4 columns: Height, Center Beam fc, Beam Width, and a sub-table for Vert. and Horiz. spread.

Table with 4 columns: Height, Center Beam fc, Beam Width, and a sub-table for Vert. and Horiz. spread.

YES LED Area Light



YES-A06-240W-HY-HV-5000K (480V)

Distribution: Nema Type III, Short, Cutoff

Lamp Output: 42063.6 lumens

Max Candela: 13766.3 at Horizontal: 67.5°, Vertical: 61°

Input Wattage: 241.58

Nema Type: 7 X 7

BUG: B4 U3 G4

Distribution: Nema Type IV, Very Short, Non-Cutoff

Lamp Output: 41789.1 lumens

Max Candela: 12932.0 at Horizontal: 292.5°, Vertical: 55°

Input Wattage: 241.55

Nema Type: 7 X 7

BUG: B4 U3 G5

Distribution: Nema Type V, Very Short, Non-Cutoff

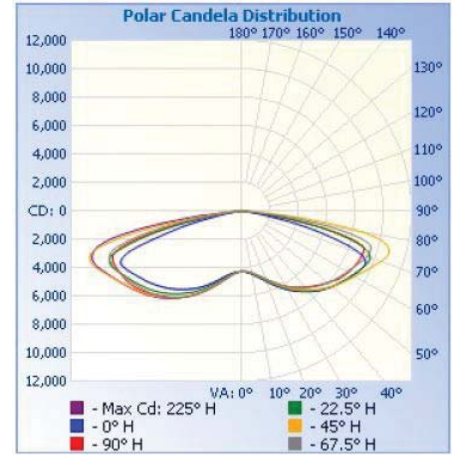
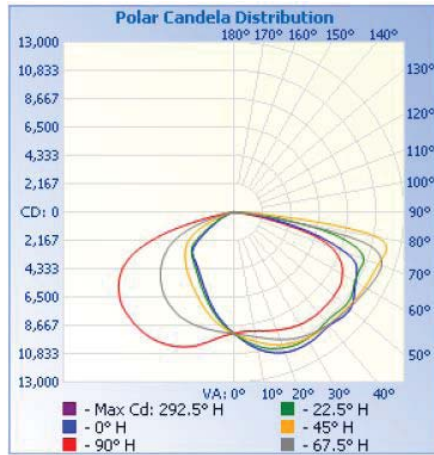
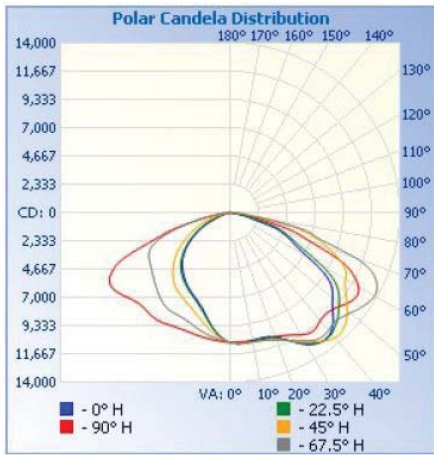
Lamp Output: 42138.2 lumens

Max Candela: 11234.6 at Horizontal: 225°, Vertical: 72°

Input Wattage: 240.64

Nema Type: 7 X 7

BUG: B5 U3 G4



ROADWAY SUMMARY

Max Cd, 90° Vertical: 340.1

Max Cd, 80 to <90°: 3259.8

Table with 3 columns: Direction, Lumens, % Lamp

Max Cd, 90° Vertical: 101.6

Max Cd, 80 to <90°: 1112.8

Table with 3 columns: Direction, Lumens, % Lamp

Max Cd, 90° Vertical: 55.5

Max Cd, 80 to <90°: 8698.9

Table with 3 columns: Direction, Lumens, % Lamp

FLOOD SUMMARY

Table with 5 columns: Efficacy, Lumens, Horiz. Spread, Vert. Spread

Table with 5 columns: Efficacy, Lumens, Horiz. Spread, Vert. Spread

Table with 5 columns: Efficacy, Lumens, Horiz. Spread, Vert. Spread

ILLUMINANCE

Table with 4 columns: Height, Center Beam fc, Beam Width, Vert. Spread

Table with 4 columns: Height, Center Beam fc, Beam Width, Vert. Spread

Table with 4 columns: Height, Center Beam fc, Beam Width, Vert. Spread

YES LED Area Light



YES-A09-300W-HY-5000K (277V)

Distribution: Nema Type III, Short, Cutoff

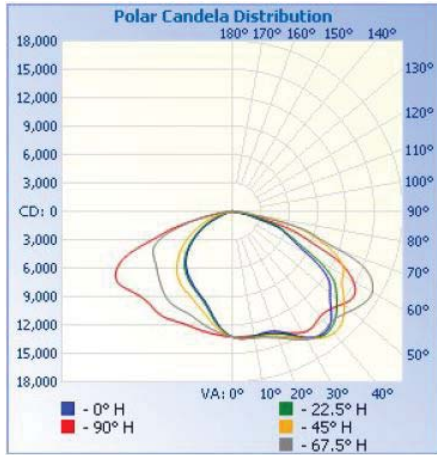
Lamp Output: 51924.3 lumens

Max Candela: 17128.4 at Horizontal: 67.5°, Vertical: 58°

Input Wattage: 299.76

Nema Type: 7 X 7

BUG: B5 U3 G4



Distribution: Nema Type IV, Very Short, Non-Cutoff

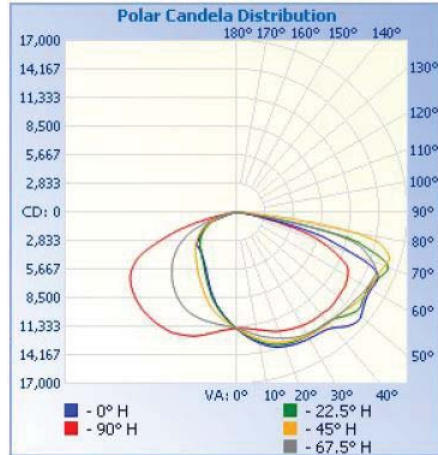
Lamp Output: 51735.7 lumens

Max Candela: 16236.7 at Horizontal: 0°, Vertical: 49°

Input Wattage: 300.42

Nema Type: 7 X 7

BUG: B4 U3 G5



Distribution: Nema Type V, Very Short, Non-Cutoff

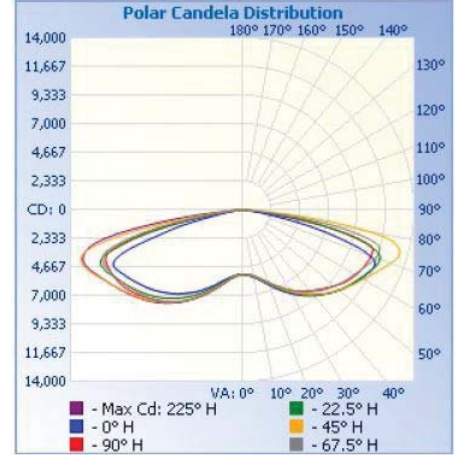
Lamp Output: 52017.6 lumens

Max Candela: 13815.3 at Horizontal: 225°, Vertical: 72°

Input Wattage: 298.53

Nema Type: 7 X 7

BUG: B5 U3 G5



ROADWAY SUMMARY

Max Cd, 90° Vertical: 507.9

Max Cd, 80 to <90°: 4499.6

	Lumens	% Lamp
Downward Street Side	32085.2	61.8%
Downward House Side	19612.6	37.8%
Downward Total	51697.7	99.6%
Upward Street Side	121.3	0.2%
Upward House Side	105.2	0.2%
Upward Total	226.6	0.4%
Total Lumens:	51924.3	100%

Max Cd, 90° Vertical: 59.3

Max Cd, 80 to <90°: 12167.9

	Lumens	% Lamp
Downward Street Side	36040.8	69.7%
Downward House Side	15535.9	30.0%
Downward Total	51576.7	99.7%
Upward Street Side	72.8	0.1%
Upward House Side	86.3	0.2%
Upward Total	159.1	0.3%
Total Lumens:	51735.8	100%

Max Cd, 90° Vertical: 66.9

Max Cd, 80 to <90°: 10761.1

	Lumens	% Lamp
Downward Street Side	26365.5	50.7%
Downward House Side	25456.2	48.9%
Downward Total	51821.7	99.6%
Upward Street Side	106.0	0.2%
Upward House Side	89.9	0.2%
Upward Total	195.9	0.4%
Total Lumens:	52017.6	100%

FLOOD SUMMARY

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	98.0%	50876.1	158.6	148.8
Beam (50%)	80.1%	41581.8	139.1	108.8
Total	100%	51900.8		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	98.8%	51114.2	150.8	149.4
Beam (50%)	81.6%	42199.9	138.0	93.1
Total	99.9%	51700.4		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	99.1%	51561.8	142.8	163.1
Beam (50%)	90.1%	46854.3	127.1	153.5
Total	99.9%	51967.9		

ILLUMINANCE

Height	Center Beam fc	Beam Width	
17.0 ft	45.8 fc	47.5 ft	91.2 ft
34.0 ft	11.4 fc	95.0 ft	182.4 ft
51.0 ft	5.09 fc	142.4 ft	273.7 ft
68.0 ft	2.86 fc	189.9 ft	364.9 ft
85.0 ft	1.83 fc	237.4 ft	456.1 ft
102.0 ft	1.27 fc	284.9 ft	547.3 ft
		Vert. 108.8°	Horiz. 139.1°

Height	Center Beam fc	Beam Width	
17.0 ft	39.9 fc	35.9 ft	88.5 ft
34.0 ft	9.98 fc	71.8 ft	177.1 ft
51.0 ft	4.44 fc	107.7 ft	265.6 ft
68.0 ft	2.50 fc	143.6 ft	354.2 ft
85.0 ft	1.60 fc	179.4 ft	442.7 ft
102.0 ft	1.11 fc	215.3 ft	531.3 ft
		Vert. 93.1°	Horiz. 138.0°

Height	Center Beam fc	Beam Width	
17.0 ft	18.3 fc	144.3 ft	68.3 ft
34.0 ft	4.58 fc	288.6 ft	136.6 ft
51.0 ft	2.04 fc	433.0 ft	204.9 ft
68.0 ft	1.15 fc	577.3 ft	273.3 ft
85.0 ft	0.73 fc	721.6 ft	341.6 ft
102.0 ft	0.51 fc	865.9 ft	409.9 ft
		Vert. 153.5°	Horiz. 127.1°

YES LED Area Light



YES-A08-300W-HY-HV-5000K (480V)

Distribution: Nema Type III, Short, Cutoff

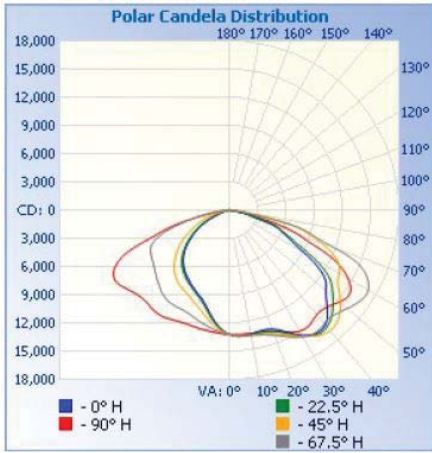
Lamp Output: 51798.7 lumens

Max Candela: 17100.6 at Horizontal: 67.5°, Vertical: 59°

Input Wattage: 297.54

Nema Type: 7 X 7

BUG: B5 U3 G4



Distribution: Nema Type IV, Very Short, Non-Cutoff

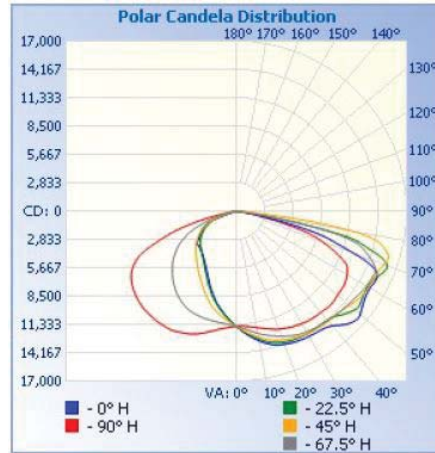
Lamp Output: 51672.5 lumens

Max Candela: 16216.9 at Horizontal: 0°, Vertical: 49°

Input Wattage: 298.93

Nema Type: 7 X 7

BUG: B4 U3 G5



Distribution: Nema Type V, Very Short, Non-Cutoff

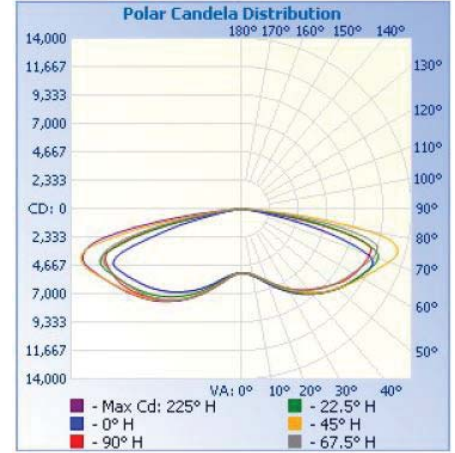
Lamp Output: 52051.2 lumens

Max Candela: 13831.3 at Horizontal: 225°, Vertical: 72°

Input Wattage: 296.95

Nema Type: 7 X 7

BUG: B5 U3 G5



ROADWAY SUMMARY

Max Cd, 90° Vertical: 503.4

Max Cd, 80 to <90°: 4345.8

	Lumens	% Lamp
Downward Street Side	31992.7	61.8%
Downward House Side	19557.9	37.8%
Downward Total	51550.7	99.5%
Upward Street Side	130.2	0.3%
Upward House Side	117.8	0.2%
Upward Total	248.0	0.5%
Total Lumens:	51798.7	100%

Max Cd, 90° Vertical: 59.2

Max Cd, 80 to <90°: 12153.0

	Lumens	% Lamp
Downward Street Side	35996.7	69.7%
Downward House Side	15516.9	30.0%
Downward Total	51513.6	99.7%
Upward Street Side	72.7	0.1%
Upward House Side	86.2	0.2%
Upward Total	158.9	0.3%
Total Lumens:	51672.5	100%

Max Cd, 90° Vertical: 75.4

Max Cd, 80 to <90°: 10691.6

	Lumens	% Lamp
Downward Street Side	26391.5	50.7%
Downward House Side	25472.1	48.9%
Downward Total	51863.6	99.6%
Upward Street Side	104.7	0.2%
Upward House Side	93.0	0.2%
Upward Total	197.7	0.4%
Total Lumens:	52051.2	100%

FLOOD SUMMARY

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	97.9%	50720.6	158.5	148.7
Beam (50%)	80.0%	41454.7	138.9	108.4
Total	100%	51776.3		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	98.8%	51051.6	150.8	149.4
Beam (50%)	81.6%	42148.3	138.0	93.1
Total	99.9%	51637.1		

	Efficacy	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	99.1%	51591.6	142.2	162.9
Beam (50%)	90.1%	46891.6	126.8	153.5
Total	99.9%	52002.8		

ILLUMINANCE

Height	Center Beam fc	Beam Width	
17.0 ft	45.7 fc	47.2 ft	90.7 ft
34.0 ft	11.4 fc	94.4 ft	181.3 ft
51.0 ft	5.08 fc	141.5 ft	272.0 ft
68.0 ft	2.86 fc	188.7 ft	362.6 ft
85.0 ft	1.83 fc	235.9 ft	453.3 ft
102.0 ft	1.27 fc	283.1 ft	544.0 ft
		Vert. 108.4°	Horiz. 138.9°

Height	Center Beam fc	Beam Width	
17.0 ft	39.9 fc	35.9 ft	88.5 ft
34.0 ft	9.97 fc	71.8 ft	177.1 ft
51.0 ft	4.43 fc	107.7 ft	265.6 ft
68.0 ft	2.49 fc	143.6 ft	354.2 ft
85.0 ft	1.60 fc	179.4 ft	442.7 ft
102.0 ft	1.11 fc	215.3 ft	531.3 ft
		Vert. 93.1°	Horiz. 138.0°

Height	Center Beam fc	Beam Width	
17.0 ft	18.3 fc	144.2 ft	68.0 ft
34.0 ft	4.58 fc	288.2 ft	135.9 ft
51.0 ft	2.03 fc	432.5 ft	203.9 ft
68.0 ft	1.14 fc	576.7 ft	271.9 ft
85.0 ft	0.73 fc	720.9 ft	339.8 ft
102.0 ft	0.51 fc	865.1 ft	407.8 ft
		Vert. 153.5°	Horiz. 126.8°

YES LED Area Light



FLICKER RATING

YES-A02-100W-HY-XXXXK (277V)

Table with 9 columns: Frequency, MOD (no-effect), MOD (low-risk), 100% dim, 90% dim, 75% dim, 50% dim, 20% dim, 10% dim. Rows for 40 Hz, 90 Hz, 200 Hz, 400 Hz, 1000 Hz.

YES-A01-100W-HY-HV-XXXXK (480V)

Table with 9 columns: Frequency, MOD (no-effect), MOD (low-risk), 100% dim, 90% dim, 75% dim, 50% dim, 20% dim, 10% dim. Rows for 40 Hz, 90 Hz, 200 Hz, 400 Hz, 1000 Hz.

YES-A04-150W-HY-XXXXK (277V)

Table with 9 columns: Frequency, MOD (no-effect), MOD (low-risk), 100% dim, 90% dim, 75% dim, 50% dim, 20% dim, 10% dim. Rows for 40 Hz, 90 Hz, 200 Hz, 400 Hz, 1000 Hz.

YES-A03-150W-HY-HV-XXXXK (480V)

Table with 9 columns: Frequency, MOD (no-effect), MOD (low-risk), 100% dim, 90% dim, 75% dim, 50% dim, 20% dim, 10% dim. Rows for 40 Hz, 90 Hz, 200 Hz, 400 Hz, 1000 Hz.

YES-A05-200W-HY-XXXXK (277V)

Table with 9 columns: Frequency, MOD (no-effect), MOD (low-risk), 100% dim, 90% dim, 75% dim, 50% dim, 20% dim, 10% dim. Rows for 40 Hz, 90 Hz, 200 Hz, 400 Hz, 1000 Hz.

YES-A06-240W-HY-HV-XXXXK (480V)

Table with 9 columns: Frequency, MOD (no-effect), MOD (low-risk), 100% dim, 90% dim, 75% dim, 50% dim, 20% dim, 10% dim. Rows for 40 Hz, 90 Hz, 200 Hz, 400 Hz, 1000 Hz.

YES-A07-240W-HY-XXXXK (277V)

Table with 9 columns: Frequency, MOD (no-effect), MOD (low-risk), 100% dim, 90% dim, 75% dim, 50% dim, 20% dim, 10% dim. Rows for 40 Hz, 90 Hz, 200 Hz, 400 Hz, 1000 Hz.

YES-A09-300W-HY-XXXXK (277V)

Table with 9 columns: Frequency, MOD (no-effect), MOD (low-risk), 100% dim, 90% dim, 75% dim, 50% dim, 20% dim, 10% dim. Rows for 40 Hz, 90 Hz, 200 Hz, 400 Hz, 1000 Hz.

YES-A08-300W-HY-HV-XXXXK (480V)

Table with 9 columns: Frequency, MOD (no-effect), MOD (low-risk), 100% dim, 90% dim, 75% dim, 50% dim, 20% dim, 10% dim. Rows for 40 Hz, 90 Hz, 200 Hz, 400 Hz, 1000 Hz.

Reference Standard IEEE 1789: 2015



SURGE PROTECTION

YES-A02-100W-HY-XXXXK (277V)

Test Items	Surge /kv	Interval time/S	Times	Process phenomenon	Criteria	Result
L-N	±3	60	5	Normal	B	Pass
L-N	±6.6	60	5	Normal	B	Pass
L-PE/N-PE	±5	60	5	Normal	B	Pass
L-PE/N-PE	±10	60	5	Normal	B	Pass

YES-A04-150W-HY-XXXXK (277V)

Test Items	Surge /kv	Interval time/S	Times	Process phenomenon	Criteria	Result
L-N	±3	60	5	Normal	B	Pass
L-N	±6.6	60	5	Normal	B	Pass
L-PE/N-PE	±5	60	5	Normal	B	Pass
L-PE/N-PE	±10	60	5	Normal	B	Pass

YES-A05-200W-HY-XXXXK (277V)

Test Items	Surge /kv	Interval time/S	Times	Process phenomenon	Criteria	Result
L-N	±3	60	5	Normal	B	Pass
L-N	±6.6	60	5	Normal	B	Pass
L-PE/N-PE	±5	60	5	Normal	B	Pass
L-PE/N-PE	±10	60	5	Normal	B	Pass

YES-A07-240W-HY-XXXXK (277V)

Test Items	Surge /kv	Interval time/S	Times	Process phenomenon	Criteria	Result
L-N	±3	60	5	Normal	B	Pass
L-N	±6.6	60	5	Normal	B	Pass
L-PE/N-PE	±5	60	5	Normal	B	Pass
L-PE/N-PE	±10	60	5	Normal	B	Pass

YES-A09-300W-HY-XXXXK (277V)

Test Items	Surge /kv	Interval time/S	Times	Process phenomenon	Criteria	Result
L-N	±3	60	5	Normal	B	Pass
L-N	±6.6	60	5	Normal	B	Pass
L-PE/N-PE	±5	60	5	Normal	B	Pass
L-PE/N-PE	±10	60	5	Normal	B	Pass

YES-A01-100W-HY-HV-XXXXK (480V)

Test Items	Surge /kv	Interval time/S	Times	Process phenomenon	Criteria	Result
L-N	±3	60	5	Normal	B	Pass
L-N	±6.6	60	5	Normal	B	Pass
L-PE/N-PE	±6.6	60	5	Normal	B	Pass
L-PE/N-PE	±10	60	5	Normal	B	Pass

YES-A03-150W-HY-HV-XXXXK (480V)

Test Items	Surge /kv	Interval time/S	Times	Process phenomenon	Criteria	Result
L-N	±3	60	5	Normal	B	Pass
L-N	±6.6	60	5	Normal	B	Pass
L-G	±6.6	60	5	Normal	B	Pass
L-G	±12	60	5	Normal	B	Pass
N-G	±6.6	60	5	Normal	B	Pass
N-G	±12	60	5	Normal	B	Pass

YES-A06-240W-HY-HV-XXXXK (480V)

Test Items	Surge /kv	Interval time/S	Times	Process phenomenon	Criteria	Result
L-N	±3	60	5	Normal	B	Pass
L-N	±6.6	60	5	Normal	B	Pass
L-PE/N-PE	±5	60	5	Normal	B	Pass
L-PE/N-PE	±10	60	5	Normal	B	Pass

YES-A08-300W-HY-HV-XXXXK (480V)

Test Items	Surge /kv	Interval time/S	Times	Process phenomenon	Criteria	Result
L-N	±3	60	5	Normal	B	Pass
L-N	±6.6	60	5	Normal	B	Pass
L-PE/N-PE	±5	60	5	Normal	B	Pass
L-PE/N-PE	±10	60	5	Normal	B	Pass

Reference Standard IEC 61000-4-5

- Testing Criteria B: Temporary loss of function or degradation of performance and recover its normal performance without operator intervention.

Smart Sensors & Remotes

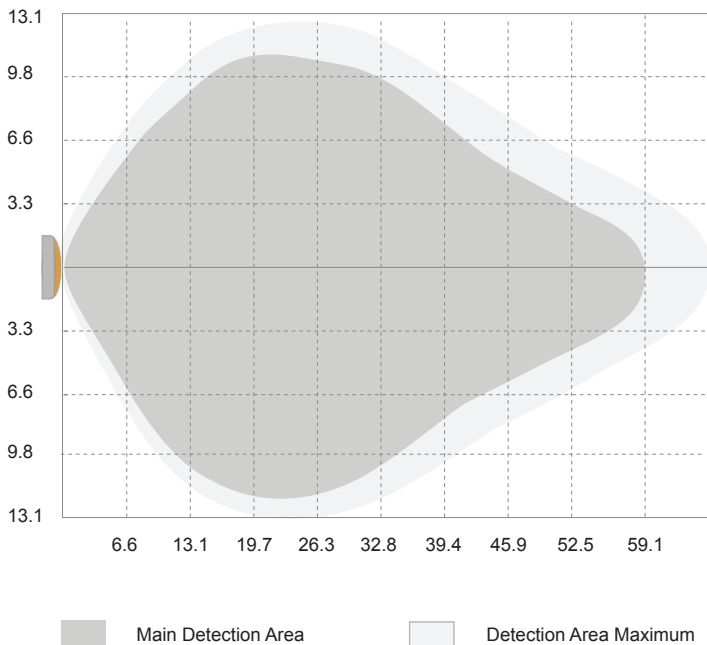
Remote Program Smart Sensor functions to automate and control sensitivity and brightness levels for photocell, daylight, standby dimming, and motion detection.

TECHNICAL DATA

Operating Voltage	10-15VDC
Operating Current	30mA±5%
Output	0-10V
Standby Power	≤0.5W
Detection Area	25%, 50%, 75%, 100%
Hold Time	5 sec, 30 sec, 1 min, 3 min, 5 min, 10 min, 20 min, 30 min
Daylight Threshold	2Lux, 10Lux, 30Lux, 50Lux, 80Lux, 120Lux, Disable
Standby Period	0 sec, 10 sec, 30 sec, 1 min, 5 min, 10 min, 30 min, + ∞
Standby Dimming Level	10%, 20%, 30%, 50%
Microwave Frequency	5.8GHz±75MHz
Microwave Power	<0.3mW
Mounting Height	49.2 FT Max Height
Detection Range	Max, Ø 45.92 FT
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Motion Detection	0.5~1.5 m/s
IP Rating	IP65 Wet Location
Warranty	5 Years

DETECTION RANGE

Detection range shown in feet of ProGem LED Area Light installed at the maximum height of 49.2 FT.



Project:
Date:
Catalog No:
Prepared By:

ALPCSG2

Photocell Sensor

Translucent Black Cap With Round Chipset



ALMSPCSG2

Photocell, Daylight, Standby Dimming, and Motion Sensor

Translucent Black Cap With Round and Rectangular Chipsets



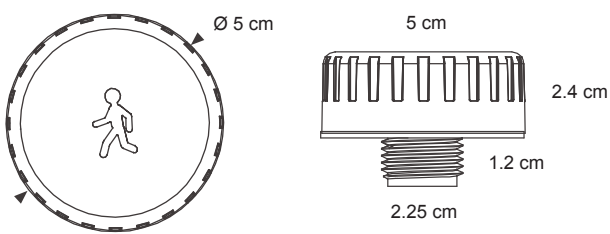
SC

Shorting Cap, No Sensor

Translucent Black Cap Only With No Chipset



PHYSICAL DIMENSIONS



ALRM-HD03R REMOTE



*Uses 2X AAA Batteries, Not Included

ALRM-HD05R REMOTE



*Uses 2X AAA Batteries, Not Included

USER GUIDE

1. Press the red ON/OFF button to turn on the luminaire.
2. Press the START button:
 - Press button values for: a) Detection Range, b) Hold Time, c) Standby Dimming Level, d) Standby Time, e) Daylight Sensor
 - Press and hold arrow buttons to adjust the luminaire's maximum Brightness Level.
 - * Each selection will flash the red indicator light and momentarily dim the luminaire to communicate the setting.
3. Press the MEMORY button to store current settings in the remote.
4. Press the APPLY button, the green indicator light will flash and the luminaire will momentarily dim to save its new settings.

TO APPLY STORED SETTINGS TO ADDITIONAL LUMINAIRES:

1. Press the ON/OFF power button to turn on the next luminaire.
2. Press the APPLY button, the green indicator light will flash and the luminaire will momentarily dim to store the new settings.

NOTES

- Securely twist-on the Smart Sensor Cap and install the luminaire with the lighting system's power OFF. Program settings to the luminaire with the lighting system's power ON.
- Point the Remote towards the Smart Sensor throughout setting program functions. Settings must be applied within 30 seconds of pressing the Start button.

USER GUIDE

1. Press the red ON/OFF power button to turn on the luminaire.
2. Press the SCENE button.
3. Press the START button:
 - Press MW/PIR to select between Microwave or Passive Infrared frequencies
 - Press an Icon button and use Arrow buttons to select a value. Repeat for a) Detection Range, b) Hold Time, c) Standby Dimming Level, d) Standby Time, e) Daylight Sensor
 - Press the Power % and use the Arrow buttons to adjust the luminaire's maximum Brightness Level.
 - * Each selection will momentarily dim the luminaire to communicate the setting.
4. Press the MEMORY button to store current settings in the remote.
5. Press the APPLY button, the luminaire will momentarily dim to save its new settings.

TO APPLY STORED SETTINGS TO ADDITIONAL LUMINAIRES:

1. Press the ON/OFF power button to turn on the next luminaire.
2. Press the SCENE button.
3. Press the APPLY button, the green indicator light will flash and the luminaire will momentarily dim to store the new settings.

RECALL THE PREVIOUSLY STORED SETTINGS:

1. Press the ON/OFF power button to turn on the screen.
2. Press the SCENE button, Brightness will show less than 100%.
3. Press the APPLY button and the previously saved settings will appear.

NOTES

- Securely twist-on the Smart Sensor Cap and install the luminaire with the lighting system's power OFF. Program settings to the luminaire with the lighting system's power ON.
- Point the Remote towards the Smart Sensor throughout setting program functions. Settings must be applied within 30 seconds of pressing the Start button.