

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: INVUE

Report Number: P181126

Luminaire Tested: **ICS-E02-LED-E1-SLR-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181126  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICS-E02-LED-E1-SLR-8030  
Description: ICON SITE SMALL LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (42) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4227.3 lumens  
Efficiency: N/A  
Efficacy: 81.1 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G2

Input Watts (W): 52.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

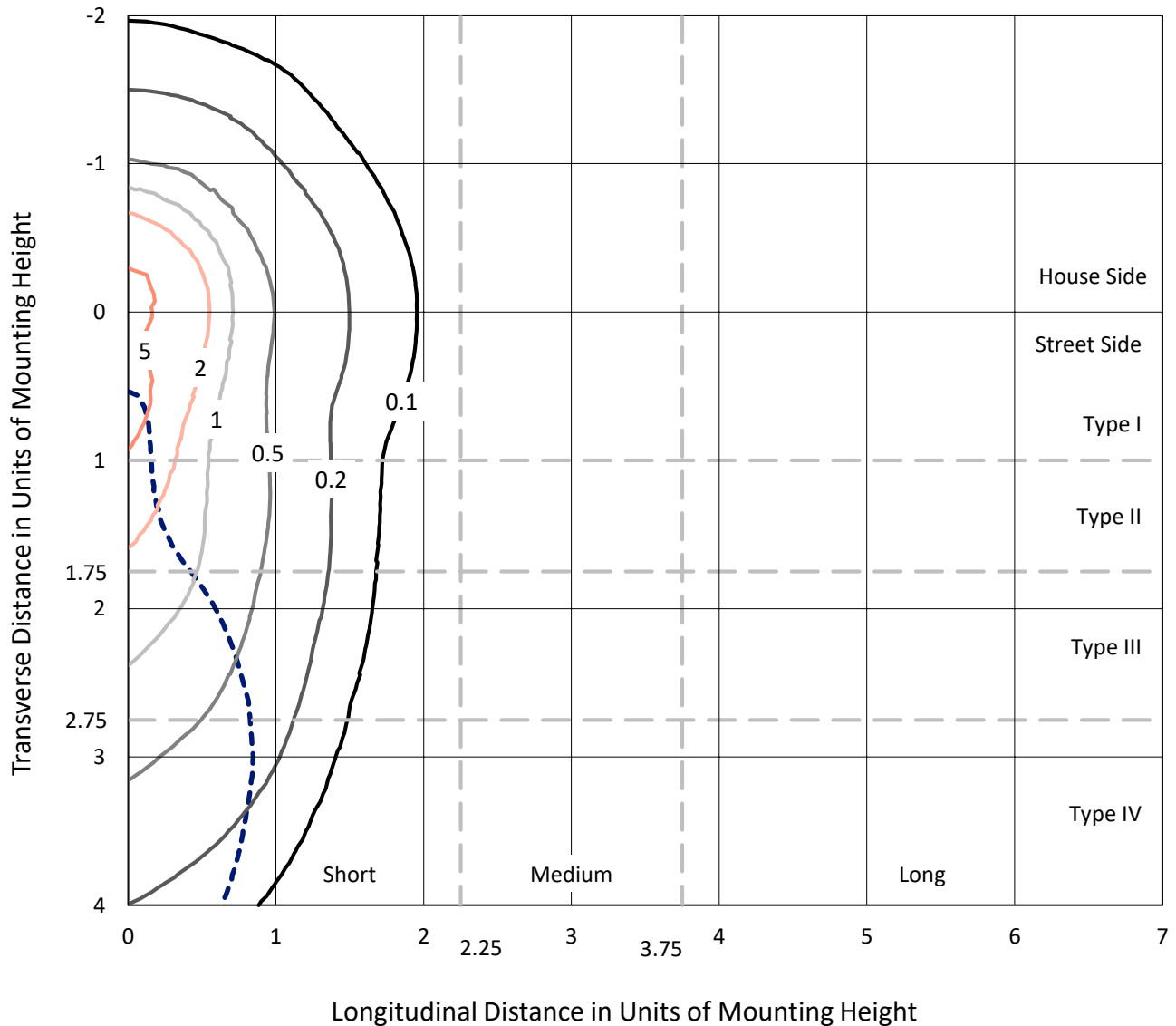


REPORT NUMBER: P181126

CATALOG NUMBER: ICS-E02-LED-E1-SLR-8030

### Iso-Footcandle Lines of Horizontal Illumination

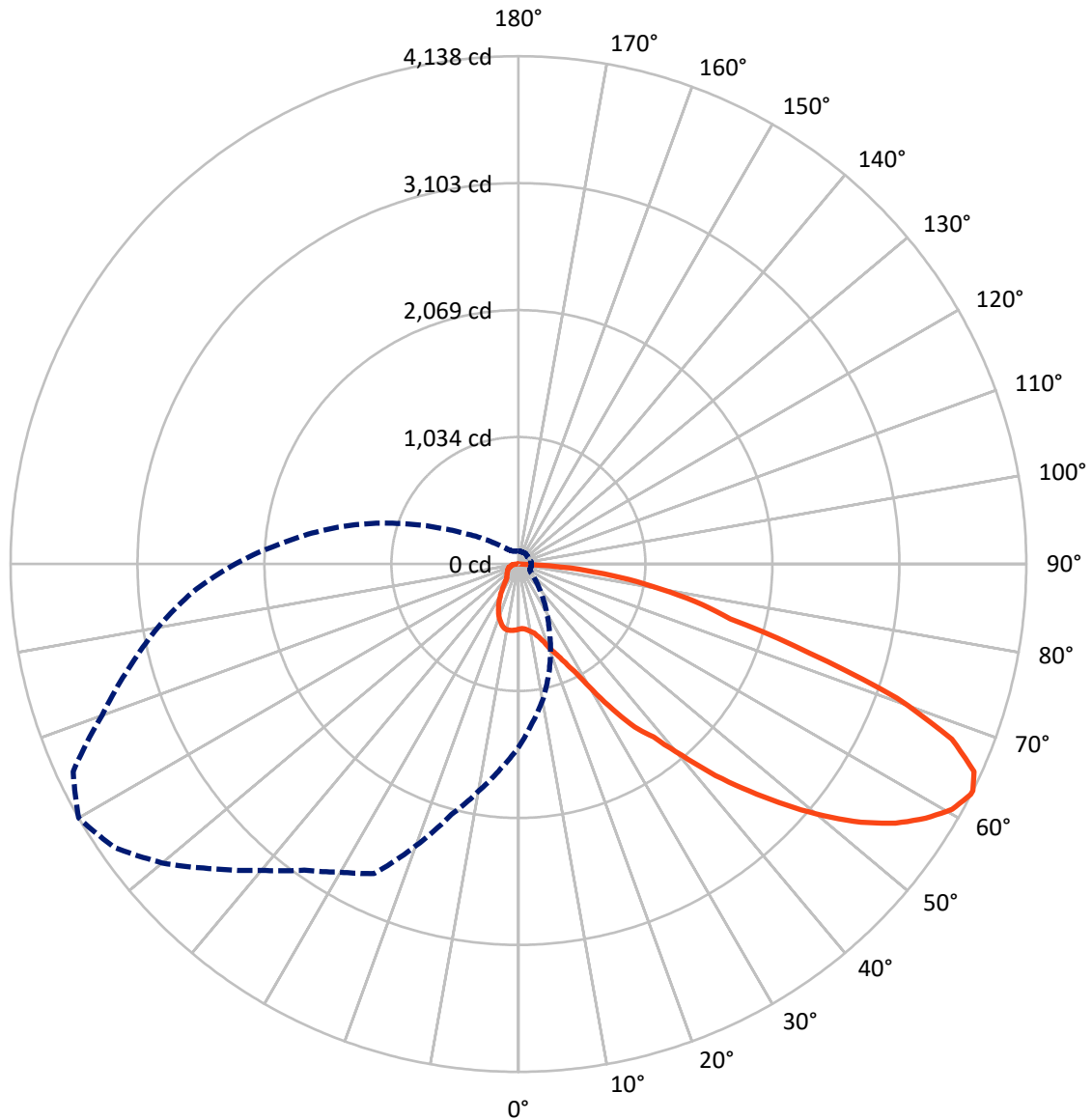
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.7 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181126  
CATALOG NUMBER: ICS-E02-LED-E1-SLR-8030

### Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral    - - - Horizontal Cone Through 63-Deg Vertical

REPORT NUMBER: P181126

CATALOG NUMBER: ICS-E02-LED-E1-SLR-8030

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	916.7	0.0	916.7
	% Fixture	21.7	0.0	21.7
<b>Street Side</b>	Lumens	3310.6	0.0	3310.6
	% Fixture	78.3	0.0	78.3
<b>Total</b>	Lumens	4227.3	0.0	4227.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	51.7	1.2
10°-20°	161.1	3.8
20°-30°	286.1	6.8
30°-40°	450.6	10.7
40°-50°	663.1	15.7
50°-60°	880.8	20.8
60°-70°	970.2	23.0
70°-80°	608.7	14.4
80°-90°	155.0	3.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4227.3	100.0
0°-180°	4227.3	100.0



REPORT NUMBER: P181126

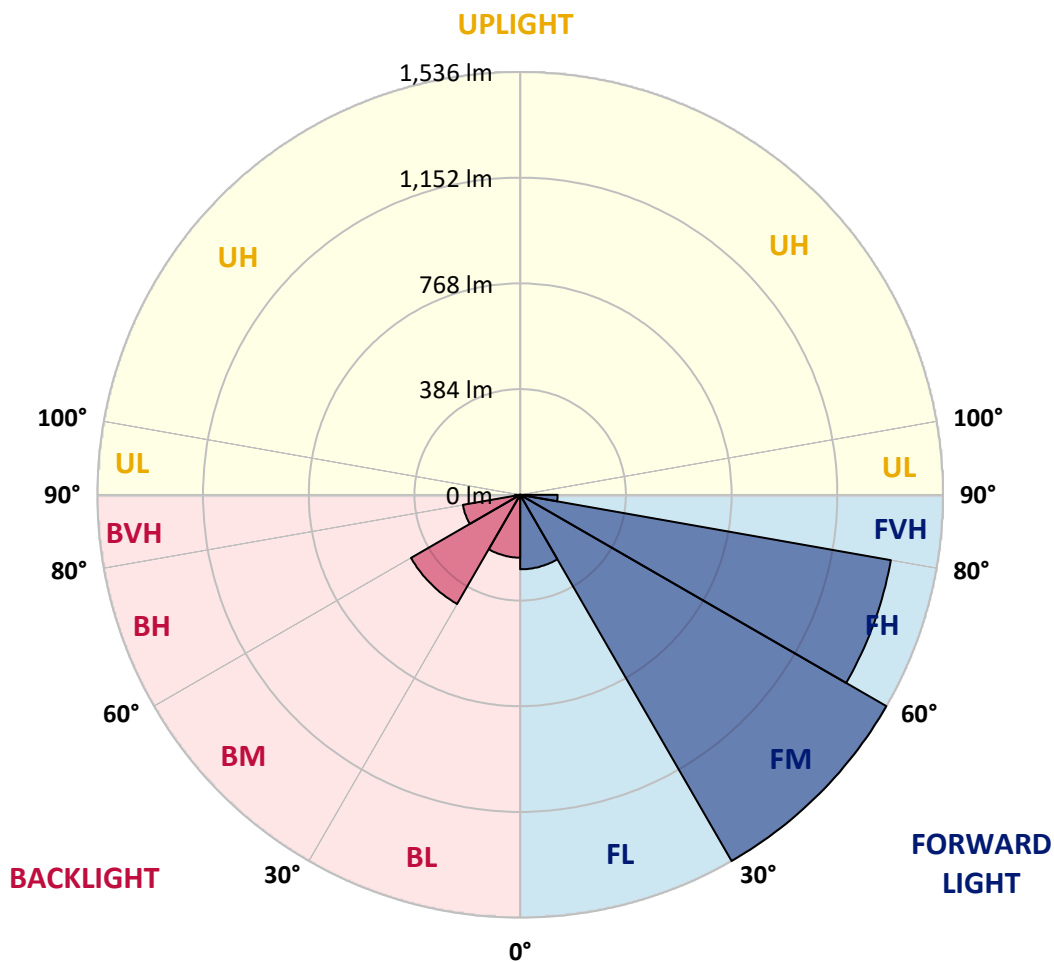
CATALOG NUMBER: ICS-E02-LED-E1-SLR-8030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	270.7	6.4			
FM	(30°-60°)	1536.3	36.3			
FH	(60°-80°)	1367.6	32.4			G1/1800
FVH	(80°-90°)	136.1	3.2			G2/225
BL	(0°-30°)	228.2	5.4	B1/500		
BM	(30°-60°)	458.2	10.8	B1/1000		
BH	(60°-80°)	211.3	5.0	B1/500		G1/500
BVH	(80°-90°)	19.0	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**

Type IV Short





REPORT NUMBER: P181126

CATALOG NUMBER: ICS-E02-LED-E1-SLR-8030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2
2.5°	524.1	525.7	525.2	525.2	526.2	525.7	525.7	526.2	526.2	527.7	529.7
5°	520.1	519.6	518.6	519.6	519.6	519.6	517.6	519.1	519.6	520.6	520.6
7.5°	525.2	523.6	521.6	522.1	522.1	521.1	519.6	520.1	519.6	519.6	519.1
10°	531.7	528.2	525.7	525.7	525.7	524.7	522.1	523.6	523.6	523.1	523.6
12.5°	543.4	539.3	536.3	535.3	535.3	533.8	531.7	533.8	532.8	532.8	531.7
15°	562.6	558.1	554.5	551.5	552.0	552.0	549.5	547.9	545.9	543.4	538.3
17.5°	591.5	586.4	581.9	579.3	579.9	576.3	569.2	562.1	552.5	542.9	532.2
20°	632.5	631.0	624.9	622.4	616.3	607.7	588.0	571.2	552.5	534.3	516.0
22.5°	703.4	696.3	690.3	680.6	660.4	636.6	603.7	574.3	544.9	519.1	494.8
25°	798.6	786.0	756.1	726.7	685.2	642.6	598.1	560.1	523.6	489.7	459.8
27.5°	892.3	853.8	800.7	747.5	686.7	631.0	575.3	530.2	487.7	450.7	417.8
30°	1005.8	940.9	859.4	775.3	689.2	614.3	547.4	494.8	445.7	406.7	372.2
32.5°	1112.1	1018.4	911.6	801.2	694.8	598.6	515.5	455.8	405.1	356.0	322.1
35°	1185.0	1063.5	933.8	803.7	681.1	568.7	475.5	405.1	354.5	308.9	268.9
37.5°	1228.6	1083.2	934.9	785.5	649.2	528.2	424.9	355.0	308.4	264.9	233.5
40°	1255.9	1087.8	921.7	759.1	608.7	477.0	374.2	311.4	268.9	234.0	209.7
42.5°	1269.1	1080.7	900.4	725.7	567.7	431.5	338.8	279.5	242.6	217.8	199.5
45°	1271.1	1068.0	877.6	695.3	531.2	398.6	314.5	266.4	236.0	215.2	197.0
47.5°	1271.1	1056.9	859.4	673.0	507.4	384.4	312.5	271.9	242.1	218.8	197.0
50°	1272.1	1053.4	851.8	661.9	499.3	392.0	329.7	289.2	255.2	224.9	196.5
52.5°	1276.7	1057.9	857.9	670.5	514.0	422.4	362.1	315.0	272.5	231.9	196.5
55°	1286.8	1073.1	883.7	700.4	553.5	468.4	401.1	342.8	286.1	235.0	193.5
57.5°	1315.2	1111.6	930.8	758.1	620.9	521.6	436.5	362.6	291.2	232.4	187.4
60°	1371.9	1188.1	1011.3	839.1	692.3	567.2	457.3	365.6	286.6	224.3	177.8
62.5°	1462.5	1275.7	1109.1	927.3	755.6	592.5	459.8	358.0	274.5	209.7	163.6
63°	1493.9	1297.5	1129.8	944.0	763.7	594.5	457.8	355.0	271.4	205.6	161.5
65°	1581.6	1389.1	1201.7	1002.7	786.5	595.0	446.7	339.8	257.3	189.9	147.4
67.5°	1745.1	1509.6	1292.4	1048.8	794.6	578.8	418.3	311.4	227.4	165.6	129.6
70°	1848.4	1577.0	1327.3	1049.8	770.8	532.8	369.2	265.4	189.4	137.2	111.4
72.5°	1821.6	1510.7	1235.2	955.1	668.0	445.1	296.8	208.6	147.9	109.9	92.7
75°	1560.3	1257.4	1007.8	739.9	504.9	327.1	217.3	148.9	109.4	86.1	77.5
77.5°	1123.2	905.0	722.7	527.2	340.3	211.7	144.3	106.3	83.1	70.9	63.8
80°	715.6	530.7	442.1	317.0	199.0	131.2	99.3	80.5	68.4	59.3	54.7
82.5°	373.7	261.8	212.7	162.1	110.4	86.6	72.9	65.8	56.2	49.1	46.6
85°	233.0	154.5	114.5	80.0	55.2	49.6	45.6	44.6	40.0	35.4	33.9
87.5°	26.3	23.8	24.8	15.7	11.6	12.7	12.2	16.2	15.7	11.6	12.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P181126

CATALOG NUMBER: ICS-E02-LED-E1-SLR-8030

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2
2.5°	527.7	528.7	528.7	530.2	530.2	531.2	532.2	532.2	533.3	533.8	534.8
5°	521.6	521.6	521.6	523.6	524.1	527.2	528.2	529.2	530.2	533.8	535.8
7.5°	520.1	518.1	519.1	519.1	520.6	523.1	525.7	527.2	528.7	533.3	536.3
10°	523.1	521.6	520.1	520.1	520.6	521.6	523.6	525.2	526.2	530.7	533.3
12.5°	531.2	527.7	524.7	522.1	520.1	519.6	518.6	519.1	520.1	522.6	526.2
15°	532.8	526.2	519.6	513.0	507.9	504.9	502.4	501.4	501.4	502.9	506.9
17.5°	522.6	511.5	501.9	493.3	487.7	482.1	479.6	477.6	476.5	478.6	479.1
20°	500.9	487.7	474.5	464.4	454.3	452.7	448.7	449.7	450.7	453.8	455.3
22.5°	471.0	455.3	439.1	428.4	420.3	413.2	408.7	410.7	412.2	415.3	416.8
25°	434.5	411.7	394.5	383.9	375.3	369.2	364.1	366.1	364.1	367.7	373.2
27.5°	391.5	364.6	346.4	334.2	328.2	323.1	318.0	318.0	323.1	323.1	327.7
30°	339.3	319.6	295.8	283.1	275.5	272.5	271.9	270.9	274.5	276.5	281.6
32.5°	290.2	265.9	243.1	230.9	224.3	220.8	221.3	221.8	223.3	226.4	234.5
35°	240.6	219.3	203.1	189.4	182.8	176.2	176.2	175.2	176.7	180.3	189.9
37.5°	208.6	189.9	177.2	166.6	160.0	156.0	152.4	150.9	150.9	152.4	156.0
40°	190.9	177.2	165.6	156.5	150.4	146.9	144.8	143.3	142.3	142.3	142.8
42.5°	182.8	168.6	157.0	148.9	144.3	142.3	141.8	141.3	139.8	139.3	138.8
45°	178.8	162.6	149.4	142.8	139.3	138.3	138.8	138.8	138.3	137.2	135.2
47.5°	175.7	157.0	143.8	137.7	136.2	136.2	136.2	136.2	135.7	135.2	133.7
50°	170.7	148.4	134.2	129.6	128.6	128.6	129.1	129.1	130.2	129.1	128.1
52.5°	165.1	140.3	126.1	122.0	121.5	121.0	121.0	121.0	121.5	121.5	121.0
55°	159.0	134.2	122.0	119.0	119.5	119.0	118.5	118.0	118.0	117.5	116.5
57.5°	152.9	129.1	119.0	117.0	117.5	117.5	116.5	115.5	115.0	113.4	112.4
60°	143.8	122.0	112.9	111.9	113.4	113.4	113.4	112.9	112.9	112.4	109.9
62.5°	131.7	111.9	104.8	105.3	105.8	106.9	106.9	106.9	106.9	105.8	103.3
63°	129.1	109.9	103.3	103.3	104.8	104.8	105.3	104.8	105.3	104.3	101.3
65°	119.0	103.3	98.2	98.8	99.8	99.8	99.8	99.3	99.3	97.7	96.2
67.5°	107.4	95.2	92.2	92.7	93.2	94.2	93.7	93.7	94.2	93.2	91.7
70°	94.2	86.6	84.6	85.1	85.6	85.6	85.1	85.1	85.6	84.6	83.1
72.5°	84.1	81.0	79.5	79.5	78.5	78.5	77.5	77.0	76.5	76.5	75.0
75°	70.9	70.4	70.9	71.9	70.9	69.9	69.4	67.9	66.8	66.8	66.3
77.5°	60.8	60.8	61.8	63.3	63.8	63.8	62.3	59.8	59.3	59.3	59.3
80°	52.7	51.7	51.7	53.2	54.7	54.2	51.7	49.1	49.1	51.7	52.2
82.5°	46.1	46.1	44.6	45.1	44.6	44.1	41.5	40.0	39.5	41.5	43.6
85°	36.5	37.0	36.5	36.0	35.4	33.9	31.9	30.4	29.9	31.9	34.9
87.5°	14.7	14.2	13.7	14.2	13.7	14.7	14.2	13.2	12.7	14.2	17.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P181126

CATALOG NUMBER: ICS-E02-LED-E1-SLR-8030

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2
2.5°	535.3	536.3	537.3	537.3	538.3	537.8	538.3	538.8	538.8	539.3	539.3
5°	538.3	539.8	541.9	543.9	544.4	545.9	547.4	546.4	547.9	550.0	550.0
7.5°	539.3	542.9	544.4	547.4	547.9	550.0	553.5	551.0	554.0	555.5	556.1
10°	537.8	541.4	543.9	547.4	549.0	552.5	556.1	555.0	558.6	561.1	561.6
12.5°	528.7	532.2	537.8	542.9	546.9	552.5	559.1	557.1	562.1	565.2	566.7
15°	511.0	514.5	520.6	528.7	536.3	544.9	553.5	555.0	560.1	563.6	565.2
17.5°	483.1	487.7	494.3	502.9	512.5	527.2	538.3	543.9	551.0	553.0	555.5
20°	457.3	461.9	465.9	471.0	478.1	492.2	506.9	518.1	527.2	534.8	536.8
22.5°	422.9	426.9	432.0	436.0	441.1	451.2	463.4	476.0	490.2	494.8	499.8
25°	381.3	383.9	391.0	393.5	397.0	405.6	415.3	424.4	438.1	447.7	450.2
27.5°	336.8	339.3	345.9	347.4	352.0	360.1	367.2	370.7	383.4	393.5	401.6
30°	285.1	291.7	299.8	300.8	305.9	310.9	317.5	321.1	332.7	343.4	353.5
32.5°	240.6	247.1	253.7	257.8	260.3	264.4	270.9	274.5	285.6	295.2	305.4
35°	195.0	203.1	210.2	215.7	217.8	222.8	227.9	231.4	243.1	251.7	258.8
37.5°	160.5	166.6	174.2	179.8	185.4	188.9	195.0	200.0	207.1	211.7	219.3
40°	143.8	146.9	150.9	155.5	160.0	164.1	168.6	172.7	177.2	183.3	188.4
42.5°	138.3	138.8	138.8	140.3	142.8	144.8	148.9	151.9	155.0	159.5	162.1
45°	134.2	133.7	132.7	131.7	132.2	133.2	135.7	137.7	141.3	143.3	143.8
47.5°	132.2	130.2	128.1	126.6	126.1	126.6	128.6	130.7	132.7	134.2	134.7
50°	125.6	124.1	121.0	119.0	118.0	119.0	121.5	122.6	124.6	126.1	126.6
52.5°	119.0	117.0	115.0	112.9	112.9	113.4	115.5	117.5	119.5	120.0	121.0
55°	115.0	111.9	109.9	108.4	107.4	108.9	110.4	112.9	115.5	116.0	117.0
57.5°	110.9	107.9	105.8	104.3	103.3	104.8	106.3	109.9	112.9	112.9	112.9
60°	108.4	105.8	102.8	101.3	99.8	101.3	103.3	106.9	109.9	109.4	108.9
62.5°	101.3	98.8	97.2	97.2	95.7	98.2	100.3	104.3	104.8	103.8	102.8
63°	99.3	97.2	96.2	96.2	95.2	97.7	99.8	103.3	103.3	102.3	101.3
65°	94.2	92.7	91.7	92.7	92.7	95.2	95.7	98.2	97.7	96.2	95.7
67.5°	90.1	89.1	88.1	88.1	88.1	88.6	89.1	90.1	89.6	89.1	89.6
70°	83.6	83.1	82.0	82.0	81.5	81.5	81.5	82.0	82.0	82.5	83.1
72.5°	75.5	74.4	74.4	75.0	73.9	74.4	75.0	74.4	75.5	75.5	76.0
75°	66.3	65.8	66.8	67.9	67.4	67.4	67.9	67.9	68.4	68.4	68.9
77.5°	59.3	59.8	60.3	61.3	61.8	61.8	61.8	61.3	61.8	61.8	62.3
80°	52.7	53.7	54.7	55.7	56.2	56.2	56.2	55.7	55.7	55.7	55.7
82.5°	47.6	49.1	50.1	50.6	50.6	50.6	50.6	50.6	50.6	49.6	48.6
85°	40.0	43.0	43.0	43.6	42.0	41.0	40.0	40.5	41.0	39.0	38.5
87.5°	20.3	20.3	21.3	22.3	22.8	22.8	25.8	24.3	23.8	23.3	22.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P181126

CATALOG NUMBER: ICS-E02-LED-E1-SLR-8030

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2
2.5°	539.8	539.3	540.4	539.3	539.8	540.4	539.3	540.9	541.9	540.4	538.8
5°	551.0	551.0	553.5	554.5	555.0	558.1	556.6	557.6	558.6	558.1	558.6
7.5°	558.1	560.1	562.6	565.2	565.7	568.2	567.7	569.2	570.2	572.8	572.8
10°	564.2	566.7	570.2	572.8	575.3	577.3	578.3	581.4	581.9	583.9	583.9
12.5°	569.7	572.8	576.3	580.4	582.9	586.9	587.4	592.0	593.5	594.0	592.5
15°	568.7	572.3	576.3	580.9	585.4	590.5	593.5	598.1	600.6	601.6	599.1
17.5°	559.1	562.1	567.2	573.3	578.8	585.4	591.0	597.6	601.6	602.6	602.1
20°	540.4	542.4	549.0	557.1	563.6	573.8	581.9	592.0	598.6	603.7	605.2
22.5°	503.4	508.4	515.0	524.1	533.8	546.4	558.1	572.8	586.9	599.1	611.3
25°	458.8	467.9	478.1	490.2	501.9	515.0	528.2	544.9	565.7	591.0	619.9
27.5°	413.7	429.4	442.1	457.8	471.5	484.6	499.3	517.6	540.4	570.7	607.7
30°	368.2	385.9	399.6	417.8	436.0	453.8	468.4	487.7	510.0	540.9	581.4
32.5°	319.6	337.3	353.5	370.2	390.5	411.7	429.4	453.2	477.0	509.0	550.0
35°	269.4	285.1	298.8	316.5	338.8	361.6	384.9	412.2	438.1	471.5	515.0
37.5°	225.9	237.0	250.2	265.9	283.1	307.4	333.7	366.1	395.5	432.0	476.5
40°	189.9	196.0	203.6	216.7	232.4	256.2	282.1	316.5	352.0	392.0	435.0
42.5°	162.1	165.1	167.1	175.7	188.4	211.7	236.5	269.9	308.9	352.5	396.0
45°	143.8	145.3	145.8	150.4	159.5	179.8	205.6	234.0	271.4	314.0	359.6
47.5°	135.2	136.7	137.7	138.8	144.3	160.0	183.3	210.2	244.6	283.6	330.2
50°	128.1	129.6	131.2	130.7	133.2	143.3	163.1	187.9	220.3	256.2	302.3
52.5°	121.0	122.0	122.0	122.0	123.6	130.2	144.3	167.1	197.0	230.9	276.5
55°	117.0	118.0	118.5	119.0	119.5	123.1	133.7	151.9	177.8	209.2	250.2
57.5°	112.9	113.4	114.5	115.0	116.0	118.0	124.6	137.7	159.5	185.9	220.3
60°	109.4	110.4	112.4	112.9	113.9	114.5	117.5	125.6	139.8	160.0	187.9
62.5°	103.8	105.3	107.4	107.9	108.9	109.4	109.9	114.5	121.0	133.2	154.0
63°	102.3	103.8	106.3	106.9	107.4	107.4	107.9	110.9	117.0	127.6	142.8
65°	96.7	98.8	100.3	100.8	101.3	101.3	100.8	101.8	102.3	106.9	116.0
67.5°	90.6	92.2	93.2	93.7	93.2	93.7	93.2	92.2	91.2	92.2	96.2
70°	84.6	85.6	85.6	86.1	86.6	87.1	86.1	85.1	84.1	83.6	86.1
72.5°	77.5	78.5	78.5	79.0	79.0	80.0	80.0	79.5	79.5	80.0	80.5
75°	70.4	71.4	70.9	71.9	71.9	73.4	73.4	73.9	75.0	74.4	73.9
77.5°	63.8	64.3	64.3	64.8	65.3	67.9	69.4	69.9	69.9	68.9	67.9
80°	56.7	56.7	55.7	55.2	55.7	58.2	61.3	61.8	63.3	62.8	63.3
82.5°	47.6	45.6	44.1	44.1	45.1	46.6	47.6	48.6	49.6	49.6	50.6
85°	36.5	34.4	32.9	33.4	34.9	35.4	34.9	34.9	37.0	38.5	37.0
87.5°	21.8	19.8	18.7	17.2	17.7	19.2	18.7	17.2	17.7	14.2	13.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P181126

CATALOG NUMBER: ICS-E02-LED-E1-SLR-8030

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2
2.5°	539.8	539.3	538.3	536.8	536.3	535.3	535.8	534.3	533.3	532.2	530.7
5°	558.6	558.6	555.5	555.5	554.0	553.5	550.0	548.5	545.4	546.4	542.9
7.5°	571.8	573.3	569.7	569.2	567.2	566.7	562.1	560.6	558.1	557.1	554.0
10°	581.4	581.4	576.8	573.3	570.7	568.2	563.6	561.6	559.6	560.1	558.1
12.5°	589.0	585.4	578.8	573.8	570.2	567.7	564.2	562.6	562.1	565.7	566.2
15°	595.0	590.0	581.9	578.3	575.3	574.8	574.8	576.3	579.9	586.4	591.5
17.5°	598.6	595.6	591.5	590.5	595.6	598.6	602.6	607.2	612.3	621.4	627.0
20°	605.2	607.2	610.2	614.3	622.4	630.0	635.1	641.6	647.7	658.9	668.0
22.5°	622.4	634.0	643.7	651.8	663.9	674.6	681.1	690.3	694.8	702.4	716.6
25°	644.7	668.5	688.7	706.0	724.7	735.8	744.9	756.6	763.7	776.3	789.0
27.5°	638.1	672.0	702.4	734.3	760.1	789.0	809.3	828.5	840.7	859.4	876.1
30°	617.8	658.3	699.4	741.4	782.4	823.9	862.4	897.4	924.2	951.1	978.4
32.5°	590.5	637.1	687.2	738.9	792.6	850.3	903.5	956.1	1000.7	1039.7	1077.7
35°	559.1	611.8	663.9	727.7	794.1	867.5	941.4	1014.4	1082.2	1151.1	1197.7
37.5°	521.6	575.3	633.5	707.0	785.0	875.6	969.8	1065.0	1161.2	1253.9	1334.4
40°	481.6	536.3	597.6	677.1	765.2	870.5	988.0	1116.2	1248.3	1382.5	1489.4
42.5°	446.2	502.4	569.2	649.7	745.5	864.0	1002.7	1160.2	1321.8	1487.9	1644.9
45°	411.7	473.5	543.9	630.5	736.8	869.0	1024.5	1201.2	1387.6	1589.2	1780.6
47.5°	380.8	443.6	512.0	606.7	724.2	871.6	1045.8	1242.3	1449.9	1668.2	1895.5
50°	353.0	413.7	481.1	576.3	704.4	870.0	1065.0	1279.2	1503.6	1730.4	1984.2
52.5°	325.6	387.4	456.3	546.9	680.1	861.4	1074.1	1309.6	1553.2	1793.2	2055.6
55°	298.8	359.6	428.9	519.1	648.2	839.1	1073.1	1329.4	1592.7	1852.5	2124.4
57.5°	267.4	325.1	393.0	488.2	614.3	804.7	1057.9	1338.5	1626.6	1911.2	2207.0
60°	228.4	282.6	347.9	443.1	569.7	760.6	1026.0	1333.4	1646.4	1954.8	2277.4
62.5°	180.3	227.4	287.1	380.3	514.0	697.3	966.3	1287.3	1615.0	1948.7	2310.3
63°	170.2	214.7	273.0	365.1	490.2	680.1	948.5	1269.1	1599.8	1936.1	2305.7
65°	136.7	165.6	212.2	294.7	410.2	595.6	860.4	1175.4	1518.3	1846.9	2239.9
67.5°	104.8	119.5	144.3	202.1	290.2	468.4	696.8	996.1	1317.7	1626.6	2027.7
70°	89.6	96.2	106.9	134.2	184.3	295.8	489.2	742.9	1021.5	1289.4	1649.9
72.5°	81.5	84.6	90.1	101.8	126.6	177.2	312.0	483.6	694.8	919.2	1197.7
75°	75.0	77.5	82.0	88.1	97.2	118.0	177.8	295.8	451.7	603.7	808.2
77.5°	68.4	69.9	75.0	80.5	86.6	97.2	117.5	170.2	259.8	356.0	487.2
80°	62.8	61.8	65.3	74.4	80.5	86.6	92.7	110.4	147.9	195.0	263.3
82.5°	50.1	51.1	54.2	63.3	65.8	64.3	65.3	68.4	82.5	90.1	134.7
85°	33.9	31.4	30.9	31.9	31.9	30.4	30.4	29.9	32.9	37.5	64.3
87.5°	9.1	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P181126  
 CATALOG NUMBER: ICS-E02-LED-E1-SLR-8030

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	531.2	0°
2.5°	529.7	529.2	529.7	527.2	527.2	526.7	526.2	525.2	525.2	523.1	524.7	2.5°
5°	539.8	538.8	536.8	533.8	532.2	530.2	530.2	528.2	526.7	524.7	525.2	5°
7.5°	551.5	552.0	548.5	545.9	544.9	542.9	543.4	540.4	540.9	539.3	538.3	7.5°
10°	558.1	558.1	559.1	558.6	559.6	559.6	561.1	559.1	558.1	556.6	556.6	10°
12.5°	568.7	570.7	574.8	574.8	577.8	578.8	579.3	580.4	578.3	577.3	573.8	12.5°
15°	595.0	600.1	603.7	608.7	614.8	616.8	616.8	614.8	613.8	612.3	605.7	15°
17.5°	638.6	649.7	652.8	660.9	661.9	664.4	671.5	667.5	664.9	654.3	652.3	17.5°
20°	683.2	697.3	711.5	721.7	726.7	736.8	738.4	736.3	726.2	716.1	711.5	20°
22.5°	736.8	758.1	774.3	790.0	797.6	802.7	813.8	811.3	803.2	788.0	781.9	22.5°
25°	812.8	839.1	856.4	875.6	885.7	890.8	901.9	901.9	893.3	888.8	888.3	25°
27.5°	908.5	940.9	969.3	975.9	1002.2	1008.3	1018.9	1018.9	1010.8	1005.2	1032.1	27.5°
30°	1014.9	1048.8	1097.9	1130.8	1162.7	1194.1	1193.6	1195.7	1205.3	1210.3	1222.0	30°
32.5°	1121.2	1163.3	1215.4	1286.8	1355.2	1413.4	1488.9	1537.0	1522.3	1481.3	1465.1	32.5°
35°	1250.4	1296.9	1360.2	1432.2	1557.2	1632.7	1669.2	1695.0	1698.0	1703.6	1715.3	35°
37.5°	1394.2	1472.2	1545.6	1627.1	1696.5	1788.2	1872.7	1940.6	1956.3	1988.2	1970.0	37.5°
40°	1576.0	1663.1	1740.1	1845.4	1938.6	2049.0	2170.0	2263.2	2300.7	2288.5	2197.4	40°
42.5°	1766.4	1874.3	1964.4	2088.5	2209.5	2355.4	2480.5	2610.6	2633.9	2540.2	2404.0	42.5°
45°	1941.6	2075.3	2187.2	2316.4	2464.2	2639.0	2806.1	2939.8	2935.2	2774.7	2592.4	45°
47.5°	2099.1	2263.2	2399.9	2568.1	2727.1	2935.2	3127.2	3225.9	3167.7	2977.8	2754.4	47.5°
50°	2229.3	2433.9	2602.5	2772.7	2974.7	3225.4	3410.2	3466.0	3353.5	3146.9	2911.9	50°
52.5°	2334.1	2590.9	2780.3	2976.2	3231.5	3495.3	3654.3	3633.6	3488.2	3276.0	3042.1	52.5°
55°	2422.7	2710.9	2936.7	3168.2	3484.7	3727.8	3833.6	3777.9	3574.8	3359.6	3131.2	55°
57.5°	2514.4	2827.4	3080.6	3349.0	3701.4	3910.1	3968.8	3854.4	3615.9	3391.5	3169.7	57.5°
60°	2606.0	2924.6	3207.7	3507.0	3865.5	4059.0	4042.8	3871.6	3603.7	3368.2	3143.9	60°
62.5°	2667.8	2982.3	3281.6	3604.2	3988.6	4134.9	4035.7	3810.3	3533.3	3276.6	3066.9	62.5°
63°	2669.4	2984.3	3286.2	3610.8	4002.3	4137.5	4022.0	3788.5	3511.0	3257.8	3044.1	63°
65°	2637.4	2946.4	3245.7	3580.9	3990.6	4079.2	3904.0	3659.9	3383.9	3128.2	2925.6	65°
67.5°	2474.4	2789.4	3053.7	3369.7	3782.0	3807.3	3588.0	3391.0	3142.9	2878.0	2666.3	67.5°
70°	2145.7	2407.5	2666.8	2930.7	3276.6	3272.0	3065.9	2965.6	2748.4	2446.5	2276.9	70°
72.5°	1706.6	1941.6	2123.9	2300.7	2528.6	2482.5	2349.8	2377.7	2236.9	2011.5	1910.7	72.5°
75°	1267.1	1525.3	1614.5	1686.4	1782.6	1783.1	1819.6	1898.6	1896.6	1771.5	1644.4	75°
77.5°	831.0	1113.6	1143.5	1201.2	1316.7	1473.7	1635.7	1810.0	1853.5	1754.8	1566.9	77.5°
80°	463.4	757.1	722.7	772.3	896.9	1110.1	1349.1	1541.5	1655.0	1599.8	1400.8	80°
82.5°	237.0	436.5	417.3	486.2	586.9	772.3	930.3	1078.2	1211.9	1204.3	1128.8	82.5°
85°	123.1	239.0	271.9	307.9	358.5	424.9	484.6	527.7	583.4	681.6	715.1	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0	36.5	26.3	72.4	103.3	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



NUMBER: P181126

NUMBER: ICS-E02-LED-E1-SLR-8030

**DISTRIBUTION (continued):**

330°	335°	340°	345°	350°	355°	360°
531.2	531.2	531.2	531.2	531.2	531.2	531.2
525.2	525.7	524.7	524.7	525.2	525.2	524.1
524.1	524.1	523.1	522.1	521.1	521.1	520.1
535.8	535.8	532.2	530.7	528.2	526.2	525.2
553.0	550.0	545.9	542.9	538.8	534.3	531.7
570.2	565.7	560.6	556.1	551.0	545.9	543.4
598.6	592.5	585.9	580.4	573.3	565.7	562.6
642.1	632.5	623.9	615.8	603.1	597.6	591.5
699.9	685.7	674.6	660.9	645.2	640.1	632.5
769.8	757.6	735.3	725.2	709.5	701.9	703.4
876.1	860.4	834.6	825.0	823.4	806.7	798.6
1014.9	1015.9	992.1	966.3	952.1	925.7	892.3
1212.4	1198.7	1170.8	1144.5	1111.1	1061.5	1005.8
1451.4	1421.0	1374.9	1325.8	1266.6	1190.1	1112.1
1684.9	1631.7	1558.3	1476.2	1390.6	1295.4	1185.0
1890.0	1807.4	1697.5	1603.3	1482.3	1363.3	1228.6
2077.3	1975.0	1833.2	1711.2	1568.4	1415.4	1255.9
2258.6	2129.0	1955.3	1790.2	1628.7	1450.4	1269.1
2431.3	2264.2	2058.1	1861.6	1672.7	1473.2	1271.1
2564.0	2381.7	2150.3	1913.3	1703.1	1490.4	1271.1
2687.1	2481.0	2220.7	1953.8	1731.5	1502.0	1272.1
2782.8	2550.8	2266.2	1982.6	1753.7	1510.7	1276.7
2852.2	2596.4	2296.6	2000.4	1769.9	1522.8	1286.8
2900.8	2626.3	2313.3	2016.1	1789.7	1544.1	1315.2
2924.1	2681.5	2341.2	2047.5	1823.6	1589.2	1371.9
2906.4	2767.1	2420.7	2100.6	1870.7	1659.5	1462.5
2898.8	2782.8	2442.5	2112.3	1881.4	1674.7	1493.9
2839.5	2798.5	2532.1	2171.0	1932.0	1742.1	1581.6
2655.7	2736.7	2607.6	2270.3	2040.9	1905.7	1745.1
2417.7	2645.0	2593.9	2283.0	2110.3	2039.9	1848.4
2132.5	2368.0	2320.4	2114.3	2033.8	2041.4	1821.6
1678.3	1855.0	1823.6	1751.2	1767.4	1823.1	1560.3
1344.6	1320.7	1248.3	1253.4	1347.1	1412.4	1123.2
1098.4	889.3	795.1	797.6	961.2	1029.0	715.6
1045.3	841.2	685.2	598.6	699.4	673.5	373.7
744.4	746.0	618.8	502.9	487.2	414.3	233.0
176.2	141.3	100.8	75.0	79.0	52.2	26.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)