

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: P181016

Luminaire Tested: **ICS-E01-LED-E1-SLL-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181016  
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-E01-LED-E1-SLL-8030  
Description: ICON SITE SMALL LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (21) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2113.6 lumens  
Efficiency: N/A  
Efficacy: 85.6 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G1

Input Watts (W): 24.7  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

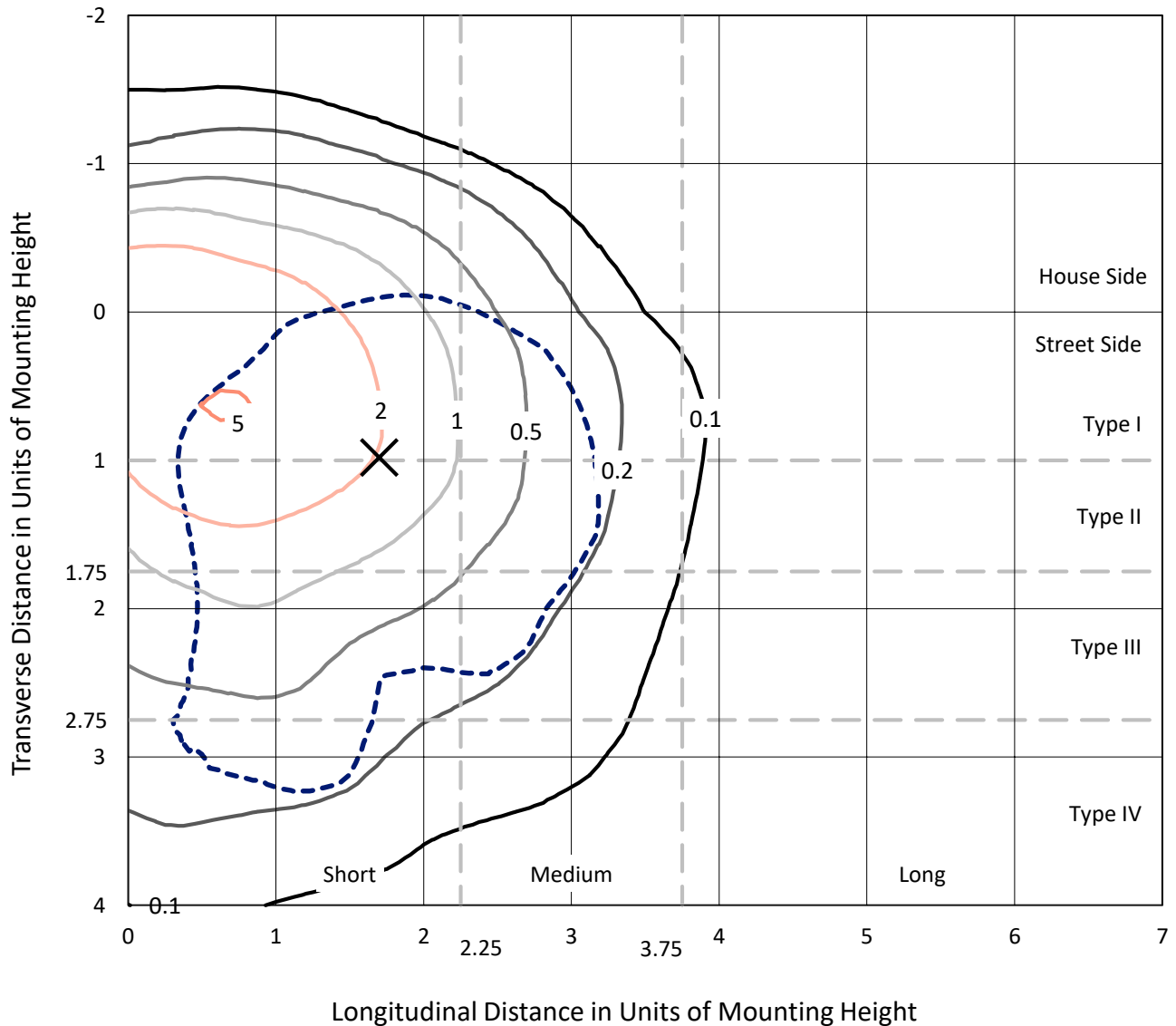


REPORT NUMBER: P181016

CATALOG NUMBER: ICS-E01-LED-E1-SLL-8030

### Iso-Footcandle Lines of Horizontal Illumination

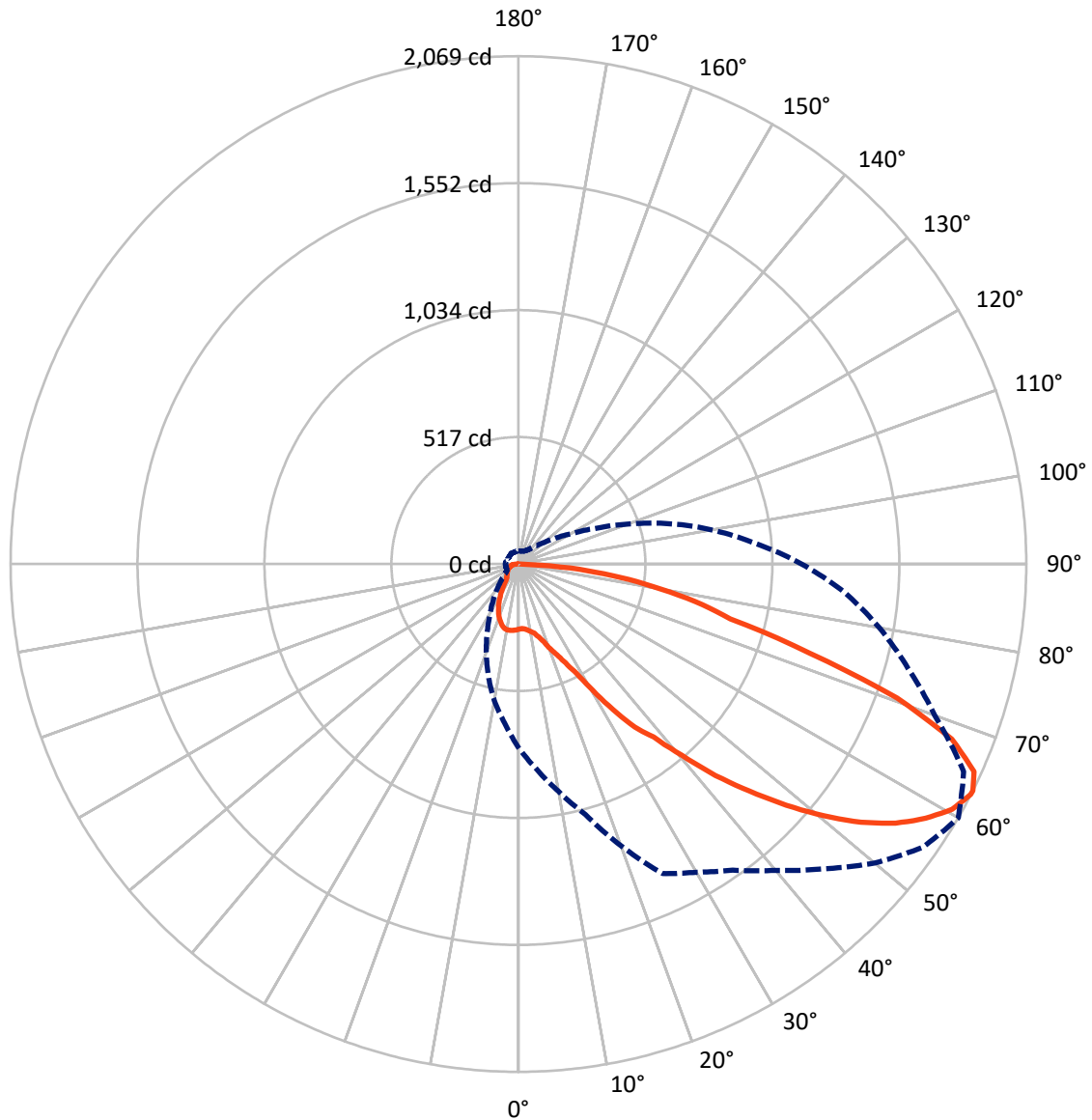
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.3 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181016  
CATALOG NUMBER: ICS-E01-LED-E1-SLL-8030

### Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral      - - - Horizontal Cone Through 63-Deg Vertical

REPORT NUMBER: P181016

CATALOG NUMBER: ICS-E01-LED-E1-SLL-8030

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	458.3	0.0	458.3
	% Fixture	21.7	0.0	21.7
<b>Street Side</b>	Lumens	1655.3	0.0	1655.3
	% Fixture	78.3	0.0	78.3
<b>Total</b>	Lumens	2113.6	0.0	2113.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.9	1.2
10°-20°	80.5	3.8
20°-30°	143.1	6.8
30°-40°	225.3	10.7
40°-50°	331.6	15.7
50°-60°	440.4	20.8
60°-70°	485.1	23.0
70°-80°	304.3	14.4
80°-90°	77.5	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°	2113.6	100.0
0°-180°	2113.6	100.0



REPORT NUMBER: P181016

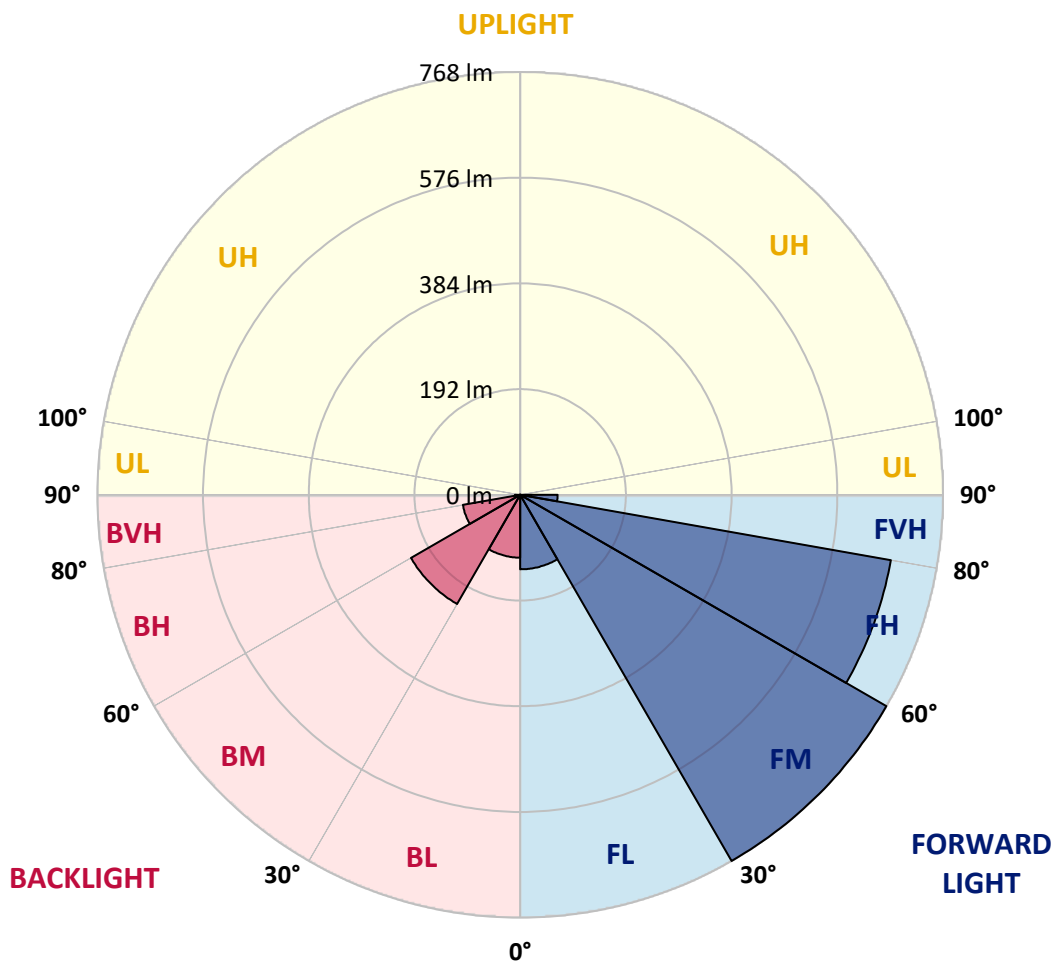
CATALOG NUMBER: ICS-E01-LED-E1-SLL-8030

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	135.3	6.4			
FM (30°-60°)	768.1	36.3			
FH (60°-80°)	683.8	32.4			G1/1800
FVH (80°-90°)	68.0	3.2			G1/100
BL (0°-30°)	114.1	5.4	B1/500		
BM (30°-60°)	229.1	10.8	B1/1000		
BH (60°-80°)	105.6	5.0	B0/110		G0/110
BVH (80°-90°)	9.5	0.4			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**

Type IV Short





REPORT NUMBER: P181016

CATALOG NUMBER: ICS-E01-LED-E1-SLL-8030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6
2.5°	262.1	262.6	262.6	262.3	262.3	262.8	262.6	262.3	261.6	262.6	262.6
5°	260.0	260.6	260.6	261.1	261.6	262.1	262.1	262.6	262.3	263.3	264.1
7.5°	262.6	263.1	264.1	265.4	266.1	267.9	267.9	269.2	269.7	270.4	270.2
10°	265.9	267.1	269.4	271.4	273.0	275.0	276.5	278.3	278.3	279.0	279.5
12.5°	271.7	273.0	275.5	278.0	280.3	282.8	285.1	286.9	288.7	289.2	290.2
15°	281.3	282.8	286.6	290.2	293.0	296.3	299.3	302.8	306.1	306.9	307.4
17.5°	295.8	298.8	301.6	307.9	312.0	316.3	321.1	326.1	327.1	332.5	333.7
20°	316.3	320.1	322.6	330.4	337.3	342.8	349.9	355.8	358.0	363.1	368.2
22.5°	351.7	351.0	354.7	362.6	367.7	378.8	384.9	391.0	394.0	401.6	405.6
25°	399.3	403.4	411.7	412.5	417.3	430.2	438.1	444.1	444.4	446.7	451.0
27.5°	446.2	462.9	476.0	483.1	496.0	507.9	507.4	516.0	502.6	505.4	509.5
30°	502.9	530.7	555.5	572.3	585.4	599.4	606.2	611.0	605.2	602.6	597.8
32.5°	556.1	595.0	633.3	662.9	687.5	710.5	725.7	732.5	740.6	761.2	768.5
35°	592.5	647.7	695.3	738.1	779.1	815.8	842.4	857.6	851.8	849.0	847.5
37.5°	614.3	681.6	741.1	801.7	848.8	903.7	945.0	985.0	994.1	978.2	970.3
40°	628.0	707.7	784.2	855.6	916.6	987.5	1038.7	1098.7	1144.3	1150.3	1131.6
42.5°	634.5	725.2	814.3	895.1	977.6	1064.5	1129.3	1202.0	1270.1	1317.0	1305.3
45°	635.6	736.6	836.4	930.8	1029.0	1132.1	1215.7	1296.2	1387.3	1467.6	1469.9
47.5°	635.6	745.2	851.5	956.6	1075.1	1190.9	1282.0	1377.2	1488.9	1583.8	1613.0
50°	636.1	751.0	865.7	976.9	1110.3	1240.5	1343.5	1456.0	1573.5	1676.8	1733.0
52.5°	638.3	755.3	876.9	991.3	1133.1	1275.4	1391.4	1521.0	1638.0	1744.1	1816.8
55°	643.4	761.4	885.0	1000.2	1148.3	1298.2	1426.1	1565.6	1679.8	1787.4	1889.0
57.5°	657.6	772.0	894.8	1008.0	1156.7	1313.2	1450.4	1584.8	1695.8	1807.9	1927.2
60°	685.9	794.6	911.8	1023.7	1170.6	1340.8	1462.0	1571.9	1684.1	1801.8	1935.8
62.5°	731.3	829.8	935.4	1050.3	1210.3	1383.5	1453.2	1533.4	1638.3	1766.7	1905.2
63°	747.0	837.4	940.7	1056.1	1221.2	1391.4	1449.4	1522.1	1628.9	1755.5	1894.3
65°	790.8	871.0	966.0	1085.5	1266.1	1399.2	1419.8	1462.8	1564.1	1692.0	1830.0
67.5°	872.6	952.8	1020.4	1135.1	1303.8	1368.4	1327.8	1333.2	1439.0	1571.4	1695.5
70°	924.2	1019.9	1055.1	1141.5	1296.9	1322.5	1208.8	1138.4	1223.3	1374.2	1482.8
72.5°	910.8	1020.7	1016.9	1057.2	1160.2	1184.0	1066.3	955.4	1005.8	1118.4	1188.8
75°	780.1	911.6	883.7	875.6	911.8	927.5	839.1	822.2	885.7	948.3	949.3
77.5°	561.6	706.2	673.5	626.7	624.2	660.4	672.3	783.4	877.4	926.8	905.0
80°	357.8	514.5	480.6	398.8	397.5	444.6	549.2	700.4	799.9	827.5	770.8
82.5°	186.9	336.8	349.7	299.3	342.6	420.6	522.6	564.4	602.1	605.9	539.1
85°	116.5	207.1	243.6	251.4	309.4	373.0	372.2	357.5	340.8	291.7	263.8
87.5°	13.2	26.1	39.5	37.5	50.4	70.6	88.1	51.7	36.2	13.2	18.2
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: P181016

CATALOG NUMBER: ICS-E01-LED-E1-SLL-8030

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6
2.5°	263.1	263.3	263.6	263.6	264.9	264.6	264.9	265.4	266.1	266.6	267.1
5°	265.1	265.1	266.1	266.9	268.4	269.4	269.9	271.4	273.2	272.7	274.2
7.5°	271.7	271.4	272.5	273.0	274.2	276.0	275.7	277.0	278.5	279.0	280.3
10°	280.6	279.8	279.8	279.3	279.5	279.0	279.0	279.0	280.1	279.8	280.8
12.5°	289.7	289.4	288.9	287.4	287.4	285.4	284.4	283.1	282.8	281.1	281.3
15°	308.4	308.4	307.4	304.4	301.8	300.1	297.5	295.8	293.2	289.9	288.2
17.5°	335.8	332.2	330.9	330.4	326.4	324.9	319.3	313.5	310.7	306.1	303.6
20°	369.2	368.4	363.4	360.8	355.8	348.7	341.6	334.0	329.4	323.9	320.8
22.5°	406.9	401.3	398.8	395.0	387.2	379.1	368.4	358.3	351.2	347.4	345.1
25°	451.0	445.4	442.9	437.8	428.2	419.6	406.4	394.5	388.2	381.8	378.3
27.5°	509.5	504.1	501.1	487.9	484.6	470.5	454.3	438.1	429.7	420.3	414.3
30°	596.8	597.1	581.4	565.4	549.0	524.4	507.4	489.2	475.5	462.1	448.7
32.5°	744.4	706.7	677.6	643.4	607.7	581.6	560.6	538.8	519.8	500.3	478.1
35°	834.6	816.4	778.6	716.1	680.1	648.5	625.2	598.8	575.5	541.1	507.2
37.5°	936.4	894.1	848.3	813.6	772.8	736.1	697.1	667.2	627.0	580.6	532.5
40°	1085.0	1024.5	969.3	922.7	870.0	831.5	788.0	744.7	691.3	624.2	558.1
42.5°	1240.2	1177.7	1104.8	1044.2	982.2	937.1	883.2	822.4	743.9	660.9	580.1
45°	1403.0	1319.5	1232.1	1158.2	1093.6	1037.7	970.8	890.3	794.6	693.8	600.6
47.5°	1563.6	1467.6	1363.5	1284.0	1200.0	1131.6	1049.6	947.8	834.1	724.9	621.1
50°	1705.1	1612.7	1487.4	1386.3	1301.3	1216.9	1114.6	992.1	865.2	751.8	639.6
52.5°	1827.2	1747.7	1615.7	1488.1	1390.1	1295.4	1167.0	1027.8	896.6	776.6	654.8
55°	1916.8	1863.9	1742.3	1584.1	1468.4	1355.4	1211.4	1062.2	926.2	796.3	664.7
57.5°	1984.4	1955.0	1850.7	1674.5	1540.3	1413.7	1257.2	1103.5	955.6	813.3	669.2
60°	2021.4	2029.5	1932.8	1753.5	1603.8	1462.3	1303.0	1138.7	977.4	823.2	666.7
62.5°	2017.8	2067.5	1994.3	1802.1	1640.8	1491.2	1333.9	1155.1	974.4	807.5	643.7
63°	2011.0	2068.7	2001.1	1805.4	1643.1	1492.2	1334.7	1152.9	968.0	799.9	634.5
65°	1952.0	2039.6	1995.3	1790.5	1622.8	1473.2	1318.7	1120.0	923.5	759.1	587.7
67.5°	1794.0	1903.6	1891.0	1684.9	1526.9	1394.7	1237.2	1013.9	813.3	658.9	498.1
70°	1532.9	1636.0	1638.3	1465.3	1333.4	1203.8	1072.9	825.0	644.7	510.7	371.5
72.5°	1174.9	1241.2	1264.3	1150.3	1062.0	970.8	853.3	598.8	459.6	347.4	241.8
75°	909.8	891.6	891.3	843.2	807.2	762.7	633.5	404.1	301.8	225.9	147.9
77.5°	817.9	736.8	658.3	600.6	571.8	556.8	415.5	243.6	178.0	129.9	85.1
80°	674.6	555.0	448.4	386.1	361.3	378.6	231.7	131.7	97.5	73.9	55.2
82.5°	465.1	386.1	293.5	243.1	208.6	218.3	118.5	67.4	45.1	41.3	34.2
85°	242.3	212.4	179.3	154.0	136.0	119.5	61.5	32.2	18.7	16.5	14.9
87.5°	0.0	0.3	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: P181016

CATALOG NUMBER: ICS-E01-LED-E1-SLL-8030

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6
2.5°	267.9	267.6	268.2	268.4	269.2	269.7	269.9	269.4	270.2	270.9	270.4
5°	275.0	276.8	277.0	277.8	277.8	279.3	279.3	279.3	279.0	279.3	278.8
7.5°	281.1	283.3	283.6	284.6	284.9	286.6	285.9	286.4	286.4	285.1	284.6
10°	281.8	284.1	285.4	286.6	288.4	290.7	290.7	292.0	292.0	290.9	290.7
12.5°	282.1	283.8	285.1	286.9	289.4	292.7	294.5	296.3	297.0	296.8	296.0
15°	287.4	287.4	287.6	289.2	290.9	295.0	297.5	299.5	300.8	300.3	299.0
17.5°	301.3	299.3	297.8	295.2	295.8	297.8	299.3	301.1	301.3	300.8	298.8
20°	317.5	315.0	311.2	307.1	305.1	303.6	302.6	302.6	301.8	299.3	296.0
22.5°	340.6	337.3	332.0	325.9	321.8	317.0	311.2	305.6	299.5	293.5	286.4
25°	372.5	367.9	362.3	353.0	344.4	334.2	322.3	309.9	295.5	282.8	272.5
27.5°	404.6	394.5	380.1	367.2	351.2	336.0	319.0	303.9	285.4	270.2	258.8
30°	431.2	412.0	391.2	370.7	349.7	329.2	308.9	290.7	270.4	255.0	243.8
32.5°	451.7	425.1	396.3	369.4	343.6	318.5	295.2	275.0	254.5	238.5	226.6
35°	470.7	433.8	397.0	363.9	332.0	305.9	279.5	257.5	235.7	219.0	206.1
37.5°	484.9	437.8	392.5	353.5	316.8	287.6	260.8	238.3	216.0	197.8	183.1
40°	494.0	435.3	382.6	338.5	298.8	268.2	240.8	217.5	196.0	176.0	158.3
42.5°	501.4	432.0	372.7	324.9	284.6	251.2	223.1	198.0	176.2	154.5	135.0
45°	512.2	434.5	368.4	315.2	271.9	236.8	205.9	179.8	157.0	135.7	117.0
47.5°	522.9	435.8	362.1	303.3	256.0	221.8	190.4	165.1	141.8	122.3	105.1
50°	532.5	435.0	352.2	288.2	240.6	206.9	176.5	151.2	128.1	110.1	93.9
52.5°	537.1	430.7	340.1	273.5	228.1	193.7	162.8	138.3	115.5	98.5	83.6
55°	536.6	419.6	324.1	259.5	214.5	179.8	149.4	125.1	104.6	88.9	76.0
57.5°	529.0	402.4	307.1	244.1	196.5	162.6	133.7	110.1	92.9	79.8	68.9
60°	513.0	380.3	284.9	221.6	174.0	141.3	114.2	93.9	80.0	69.9	62.8
62.5°	483.1	348.7	257.0	190.2	143.6	113.7	90.1	77.0	66.6	60.5	57.2
63°	474.3	340.1	245.1	182.6	136.5	107.4	85.1	71.4	63.8	58.5	55.5
65°	430.2	297.8	205.1	147.4	106.1	82.8	68.4	58.0	53.4	51.1	50.9
67.5°	348.4	234.2	145.1	101.0	72.2	59.8	52.4	48.1	46.1	45.6	46.1
70°	244.6	147.9	92.2	67.1	53.4	48.1	44.8	43.0	41.8	42.0	42.5
72.5°	156.0	88.6	63.3	50.9	45.1	42.3	40.8	40.3	40.0	39.8	39.8
75°	88.9	59.0	48.6	44.1	41.0	38.7	37.5	37.0	37.2	37.5	37.0
77.5°	58.7	48.6	43.3	40.3	37.5	34.9	34.2	33.9	34.4	34.9	34.9
80°	46.3	43.3	40.3	37.2	32.7	30.9	31.4	31.7	31.4	31.7	30.9
82.5°	32.7	32.2	32.9	31.7	27.1	25.6	25.1	25.3	24.8	24.8	24.3
85°	15.2	15.2	16.0	16.0	15.4	15.7	17.0	18.5	19.2	18.5	17.5
87.5°	0.0	0.0	0.0	0.0	0.0	2.3	4.6	6.6	7.1	8.9	8.6
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: P181016

CATALOG NUMBER: ICS-E01-LED-E1-SLL-8030

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6
2.5°	269.7	270.2	269.9	269.7	270.2	269.7	269.9	269.7	269.7	269.4	269.4
5°	278.3	279.0	277.5	277.3	276.8	275.5	275.5	275.0	275.0	274.0	273.2
7.5°	283.8	284.1	282.8	282.6	281.3	280.1	279.0	278.0	277.8	277.0	275.5
10°	289.2	288.7	287.6	286.4	285.1	283.3	282.1	280.8	280.6	279.3	277.5
12.5°	293.7	293.5	291.4	290.2	288.2	286.4	284.9	283.3	282.6	281.1	278.5
15°	296.8	295.2	292.7	290.4	288.2	286.1	284.4	282.6	281.8	280.1	277.5
17.5°	295.5	292.7	289.4	286.6	283.6	281.1	279.5	277.8	276.5	275.5	271.9
20°	290.9	286.9	281.8	278.5	274.5	271.2	270.2	268.4	267.4	263.6	259.0
22.5°	279.0	273.2	266.9	262.1	257.5	254.2	251.7	249.9	247.4	245.1	238.0
25°	264.1	257.5	250.9	245.1	239.0	234.0	229.4	225.1	223.8	219.0	212.2
27.5°	249.7	242.3	235.7	228.9	221.1	214.7	206.9	200.8	196.7	191.7	185.4
30°	234.2	226.9	218.0	208.9	199.8	192.9	184.1	176.7	171.7	166.4	160.5
32.5°	214.7	205.9	195.2	185.1	176.7	168.6	159.8	152.7	147.6	142.8	137.2
35°	192.4	180.8	169.4	158.3	149.4	142.6	134.7	129.4	125.8	121.5	115.7
37.5°	166.9	153.7	141.5	132.9	125.1	118.5	112.9	109.6	105.8	103.6	100.0
40°	141.0	128.1	116.2	108.4	101.8	98.0	95.0	94.2	91.7	88.6	86.3
42.5°	118.2	105.8	94.2	87.9	83.6	82.5	81.0	81.0	79.8	77.5	76.0
45°	102.8	89.9	79.8	75.2	72.9	72.7	71.9	71.9	71.7	70.6	68.9
47.5°	91.7	80.0	72.2	69.4	68.9	68.4	67.6	67.4	67.1	66.3	65.3
50°	81.5	71.7	66.6	65.3	65.6	64.8	64.1	63.3	63.0	62.3	61.3
52.5°	72.2	65.1	61.8	61.0	61.0	61.0	60.5	60.5	60.0	59.8	58.7
55°	66.8	61.5	59.8	59.5	59.3	59.0	58.5	58.5	58.0	57.7	56.5
57.5°	62.3	59.0	58.0	57.5	57.2	56.7	56.5	56.5	56.5	56.5	54.9
60°	58.7	57.2	57.0	56.5	56.2	55.2	54.7	54.4	54.7	54.9	53.4
62.5°	54.9	54.7	54.4	53.9	53.7	52.7	51.9	51.4	51.9	52.4	52.2
63°	53.9	53.7	53.7	53.4	53.2	51.9	51.1	50.6	51.1	51.7	51.7
65°	50.4	50.6	50.6	50.4	50.1	49.4	48.4	47.9	48.1	48.9	49.1
67.5°	46.6	46.8	46.6	46.8	46.6	46.1	45.3	44.8	44.6	44.8	45.1
70°	43.0	43.6	43.3	43.0	42.8	42.8	42.3	41.5	41.3	41.0	41.0
72.5°	40.0	40.0	39.5	39.5	39.2	39.2	38.7	38.0	37.7	37.7	37.2
75°	36.7	36.7	36.0	36.0	35.4	35.7	35.2	34.4	34.2	34.2	33.9
77.5°	34.7	33.9	32.7	32.4	32.2	32.2	31.9	31.1	30.9	30.9	30.6
80°	30.6	29.1	27.9	27.6	27.9	28.4	28.4	27.9	27.9	27.9	27.9
82.5°	23.8	23.3	22.5	22.0	22.0	22.8	23.8	24.3	24.8	25.3	25.3
85°	17.5	17.7	17.5	16.7	16.5	17.2	18.2	19.2	19.5	20.5	20.3
87.5°	9.4	9.6	8.9	8.6	9.4	9.9	10.9	11.1	11.6	11.9	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: P181016

CATALOG NUMBER: ICS-E01-LED-E1-SLL-8030

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6
2.5°	269.2	268.9	269.2	268.7	268.7	268.2	267.6	267.4	266.9	266.6	266.1
5°	273.7	273.0	272.2	271.9	270.9	269.9	269.2	267.9	266.9	265.1	264.6
7.5°	276.8	275.0	274.0	273.7	272.2	271.4	269.7	268.2	266.6	264.4	263.6
10°	278.0	276.3	274.5	273.7	271.9	270.7	268.9	266.6	265.4	263.1	262.6
12.5°	279.5	276.3	273.5	271.4	268.9	266.1	264.4	263.1	261.3	260.0	259.5
15°	276.8	272.5	268.2	264.4	260.3	257.3	255.5	253.5	251.4	250.7	250.7
17.5°	269.2	263.6	256.2	251.4	247.1	243.8	241.6	239.5	239.3	238.3	238.8
20°	253.5	246.1	239.0	235.5	233.0	230.9	228.6	227.6	226.9	225.4	224.9
22.5°	231.7	225.6	220.5	218.0	216.0	213.5	211.4	208.4	207.6	206.1	205.4
25°	207.6	202.8	198.5	196.7	195.5	191.9	190.7	186.6	183.8	182.1	183.1
27.5°	183.6	180.0	176.0	173.7	172.9	169.7	168.4	163.8	161.5	161.5	159.0
30°	158.8	155.5	152.9	150.4	149.9	145.8	142.6	140.8	138.3	137.2	135.5
32.5°	135.5	132.2	130.2	128.9	126.9	123.6	120.3	117.2	113.2	111.7	110.9
35°	113.9	111.4	108.9	107.9	105.1	101.5	97.5	95.0	90.1	88.4	87.6
37.5°	97.5	94.4	92.7	89.9	87.1	83.3	80.3	78.0	76.2	75.5	75.5
40°	84.3	82.0	80.0	77.7	75.5	73.4	71.9	71.4	71.2	71.2	71.7
42.5°	74.4	72.4	71.4	70.1	69.4	69.4	69.1	69.4	69.6	69.9	70.6
45°	67.9	66.6	66.1	65.8	66.3	66.8	67.1	67.6	68.6	69.1	69.4
47.5°	64.3	63.3	63.0	63.3	64.1	65.1	66.1	66.8	67.6	67.9	68.1
50°	60.8	59.5	59.0	59.5	60.5	62.0	62.8	64.1	64.6	65.1	64.6
52.5°	57.7	56.7	56.5	56.5	57.5	58.5	59.5	60.5	60.8	60.8	60.5
55°	55.2	54.4	53.7	54.2	54.9	56.0	57.5	58.2	58.7	59.0	59.0
57.5°	53.2	52.4	51.7	52.2	52.9	53.9	55.5	56.2	56.7	57.5	57.7
60°	51.7	50.6	49.9	50.6	51.4	52.9	54.2	54.9	56.2	56.5	56.5
62.5°	50.1	49.1	47.9	48.6	48.6	49.4	50.6	51.7	52.9	53.4	53.4
63°	49.9	48.9	47.6	48.1	48.1	48.6	49.6	50.6	52.2	52.7	52.4
65°	47.9	47.6	46.3	46.3	45.8	46.3	47.1	48.1	48.9	49.6	49.6
67.5°	44.6	44.3	44.1	44.1	44.1	44.6	45.1	45.8	46.6	47.1	46.8
70°	40.8	40.8	40.8	41.0	41.0	41.5	41.8	41.5	42.3	42.8	42.5
72.5°	37.5	37.2	37.0	37.5	37.2	37.2	37.7	37.5	38.2	38.2	38.5
75°	33.9	33.7	33.7	33.9	33.4	32.9	33.2	33.2	33.4	33.4	33.9
77.5°	30.9	30.9	30.9	30.6	30.1	29.9	29.6	29.6	29.6	29.6	29.9
80°	28.1	28.1	28.1	27.9	27.3	26.8	26.3	26.1	25.8	24.6	24.6
82.5°	25.3	25.3	25.3	25.3	25.1	24.6	23.8	21.8	20.8	19.8	20.0
85°	20.0	20.5	21.0	21.8	21.5	21.5	20.0	17.5	16.0	14.9	15.2
87.5°	12.9	11.4	11.4	11.1	10.6	10.1	10.1	8.6	7.1	6.3	6.6
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: P181016  
 CATALOG NUMBER: ICS-E01-LED-E1-SLL-8030

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	0°
2.5°	266.1	265.6	265.1	265.1	264.4	264.4	263.8	264.9	263.8	263.1	263.1	2.5°
5°	264.1	263.6	262.1	261.8	260.8	260.8	260.8	260.3	260.3	259.8	259.5	5°
7.5°	262.8	261.6	260.3	259.5	259.5	259.0	260.0	259.5	259.8	259.8	260.0	7.5°
10°	261.8	260.8	260.3	260.0	260.0	260.8	261.6	261.8	261.6	261.8	261.8	10°
12.5°	259.3	259.8	260.0	261.1	262.3	263.8	265.6	265.9	266.4	266.4	266.9	12.5°
15°	251.2	252.5	254.0	256.5	259.8	263.1	266.4	269.2	271.7	273.0	274.0	15°
17.5°	239.8	241.1	243.8	246.6	250.9	255.7	261.3	266.1	271.4	276.3	281.1	17.5°
20°	224.3	226.4	227.1	232.2	237.3	243.8	250.4	258.0	267.1	276.3	285.6	20°
22.5°	204.3	206.6	210.2	214.2	219.5	227.6	235.5	247.4	259.5	272.5	287.1	22.5°
25°	182.1	184.6	187.6	191.9	197.3	205.9	217.3	229.9	244.9	261.8	280.1	25°
27.5°	159.0	161.5	164.1	167.1	173.2	182.3	195.7	208.9	225.4	243.8	265.1	27.5°
30°	136.0	136.2	137.7	141.5	147.9	159.8	169.7	186.1	203.3	222.8	247.4	30°
32.5°	110.7	110.4	112.2	115.5	121.5	132.9	145.1	161.0	178.0	202.6	227.9	32.5°
35°	88.1	88.1	91.4	94.7	101.5	109.6	120.3	134.5	154.5	177.2	202.6	35°
37.5°	76.2	78.0	80.0	83.3	88.6	95.0	104.3	116.7	132.4	154.2	177.5	37.5°
40°	72.4	73.4	75.2	78.2	82.8	88.6	95.5	104.8	117.0	134.5	155.7	40°
42.5°	70.9	71.2	72.2	74.4	78.5	84.3	91.4	99.8	108.9	121.3	139.8	42.5°
45°	69.4	69.1	69.6	71.4	74.7	81.3	89.4	98.5	107.6	118.0	133.2	45°
47.5°	68.1	68.1	68.1	68.9	71.9	78.5	87.9	98.5	109.4	121.0	136.0	47.5°
50°	64.6	64.3	64.3	64.8	67.1	74.2	85.3	98.2	112.4	127.6	144.6	50°
52.5°	60.5	60.5	60.8	61.0	63.0	70.1	82.5	98.2	116.0	136.2	157.5	52.5°
55°	59.3	59.5	59.8	59.5	61.0	67.1	79.5	96.7	117.5	143.1	171.4	55°
57.5°	58.2	58.7	58.7	58.5	59.5	64.6	76.5	93.7	116.2	145.6	181.3	57.5°
60°	56.7	56.7	56.7	56.0	56.5	61.0	71.9	88.9	112.2	143.3	182.8	60°
62.5°	53.4	53.4	52.9	52.7	52.4	56.0	65.8	81.8	104.8	137.2	179.0	62.5°
63°	52.7	52.4	52.4	51.7	51.7	54.9	64.6	80.8	102.8	135.7	177.5	63°
65°	49.9	49.9	49.9	49.4	49.1	51.7	59.5	73.7	95.0	128.6	169.9	65°
67.5°	46.8	47.1	46.6	46.3	46.1	47.6	53.7	64.8	82.8	113.7	155.7	67.5°
70°	42.5	42.8	42.8	42.5	42.3	43.3	47.1	55.7	68.6	94.7	132.7	70°
72.5°	38.7	39.2	39.2	39.8	39.8	40.5	42.0	46.3	54.9	73.9	104.3	72.5°
75°	34.7	34.9	35.4	36.0	35.4	35.2	35.4	38.7	43.0	54.7	74.4	75°
77.5°	31.1	31.9	31.9	31.7	30.9	30.4	30.4	31.9	35.4	41.5	53.2	77.5°
80°	25.8	27.1	27.3	26.6	25.8	25.8	26.3	27.3	29.6	34.2	40.3	80°
82.5°	20.8	22.0	22.3	22.5	22.3	23.0	23.0	23.3	24.6	28.1	32.9	82.5°
85°	16.0	17.0	17.7	18.0	18.2	18.5	18.2	17.0	17.7	20.0	22.3	85°
87.5°	7.1	7.3	6.8	7.1	6.8	7.1	7.3	6.1	5.8	7.8	8.1	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: P181016

NUMBER: ICS-E01-LED-E1-SLL-8030

**DISTRIBUTION (continued):**

330°	335°	340°	345°	350°	355°	360°
265.6	265.6	265.6	265.6	265.6	265.6	265.6
262.8	262.8	263.1	262.6	262.6	262.8	262.1
258.8	259.8	259.8	259.8	259.3	259.8	260.0
259.8	260.6	261.1	261.1	260.8	261.8	262.6
261.1	262.3	262.8	262.8	262.8	264.1	265.9
265.9	266.9	267.6	267.6	268.2	269.7	271.7
274.7	276.0	276.0	275.7	277.3	279.0	281.3
284.6	288.2	289.9	289.7	290.9	293.2	295.8
294.0	303.9	308.2	311.2	312.5	315.5	316.3
301.8	318.3	330.2	340.3	345.1	348.2	351.7
299.0	321.3	342.6	363.4	378.0	393.0	399.3
287.6	315.5	343.4	373.7	400.3	426.9	446.2
273.7	307.1	344.6	387.7	429.7	470.5	502.9
257.8	299.3	347.4	400.6	455.8	509.2	556.1
237.8	284.4	340.6	401.8	466.9	531.7	592.5
212.4	264.1	324.6	392.7	467.4	541.6	614.3
187.1	238.5	304.4	379.6	460.8	543.9	628.0
169.4	215.7	283.8	362.9	450.2	540.4	634.5
157.2	199.3	265.6	347.7	438.8	534.0	635.6
156.2	192.2	253.7	336.5	429.7	528.5	635.6
164.8	196.0	249.7	330.9	425.9	526.7	636.1
181.0	211.2	257.0	335.3	428.9	529.0	638.3
200.5	234.2	276.8	350.2	441.9	536.6	643.4
218.3	260.8	310.4	379.1	465.4	555.8	657.6
228.6	283.6	346.1	419.6	505.7	594.0	685.9
229.9	296.3	377.8	463.6	554.5	637.8	731.3
228.9	297.3	381.8	472.0	564.9	648.7	747.0
223.3	297.5	393.2	501.4	600.9	694.6	790.8
209.2	289.4	397.3	524.4	646.2	754.8	872.6
184.6	266.4	385.4	524.9	663.7	788.5	924.2
148.4	222.6	334.0	477.6	617.6	755.3	910.8
108.6	163.6	252.5	369.9	503.9	628.7	780.1
72.2	105.8	170.2	263.6	361.3	452.5	561.6
49.6	65.6	99.5	158.5	221.1	265.4	357.8
36.5	43.3	55.2	81.0	106.3	130.9	186.9
22.8	24.8	27.6	40.0	57.2	77.2	116.5
6.1	6.3	5.8	7.8	12.4	11.9	13.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)