

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: P180516

Luminaire Tested: **ICS-E01-LED-E1-SL2-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180516  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)  
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-SL2-8030  
Description: ICON SITE SMALL LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (21) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2320.7 lumens  
Efficiency: N/A  
Efficacy: 94.0 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')  
IES Classification: Type II - 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

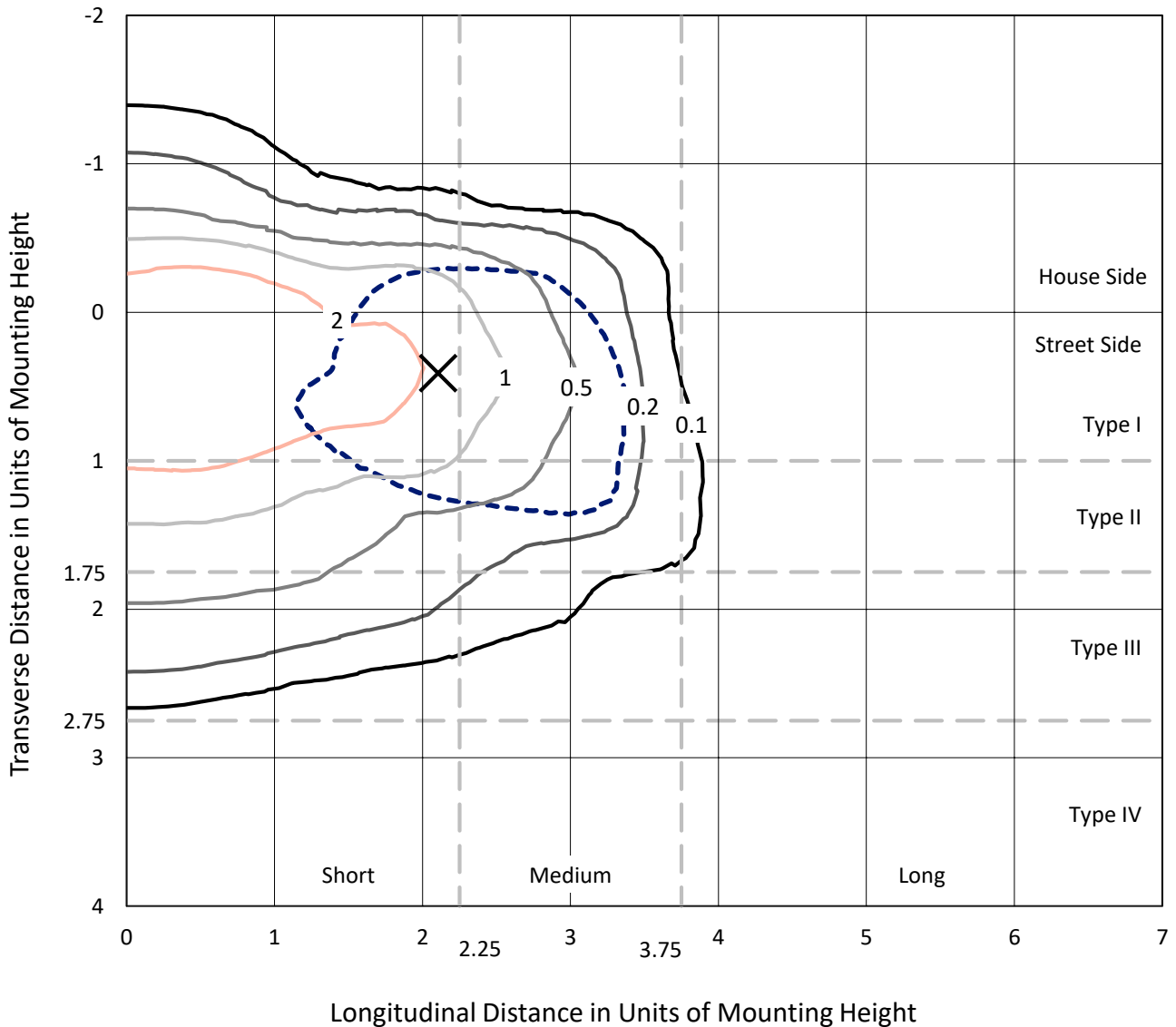


REPORT NUMBER: P180516

CATALOG NUMBER: ICS-E01-LED-E1-SL2-8030

### Iso-Footcandle Lines of Horizontal Illumination

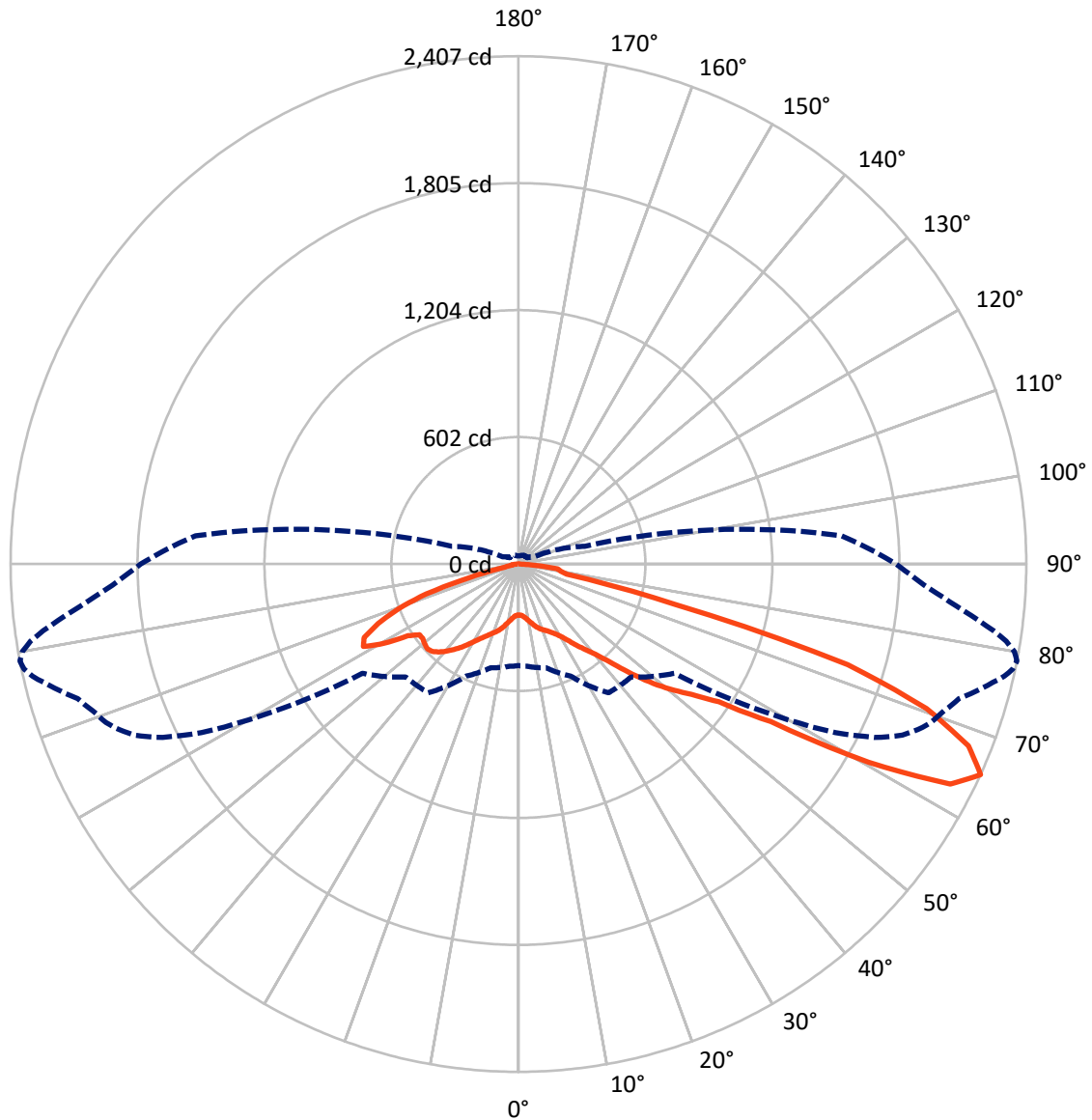
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.2 fc  
 Type II - Short - Non-Cutoff

REPORT NUMBER: P180516  
CATALOG NUMBER: ICS-E01-LED-E1-SL2-8030

### Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P180516

CATALOG NUMBER: ICS-E01-LED-E1-SL2-8030

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	548.6	0.0	548.6
	% Fixture	23.6	0.0	23.6
<b>Street Side</b>	Lumens	1772.1	0.0	1772.1
	% Fixture	76.4	0.0	76.4
<b>Total</b>	Lumens	2320.7	0.0	2320.7
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	24.0	1.0
10°-20°	78.5	3.4
20°-30°	135.6	5.8
30°-40°	224.5	9.7
40°-50°	380.7	16.4
50°-60°	505.9	21.8
60°-70°	653.4	28.2
70°-80°	274.1	11.8
80°-90°	44.0	1.9
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°	2320.7	100.0
0°-180°	2320.7	100.0



REPORT NUMBER: P180516

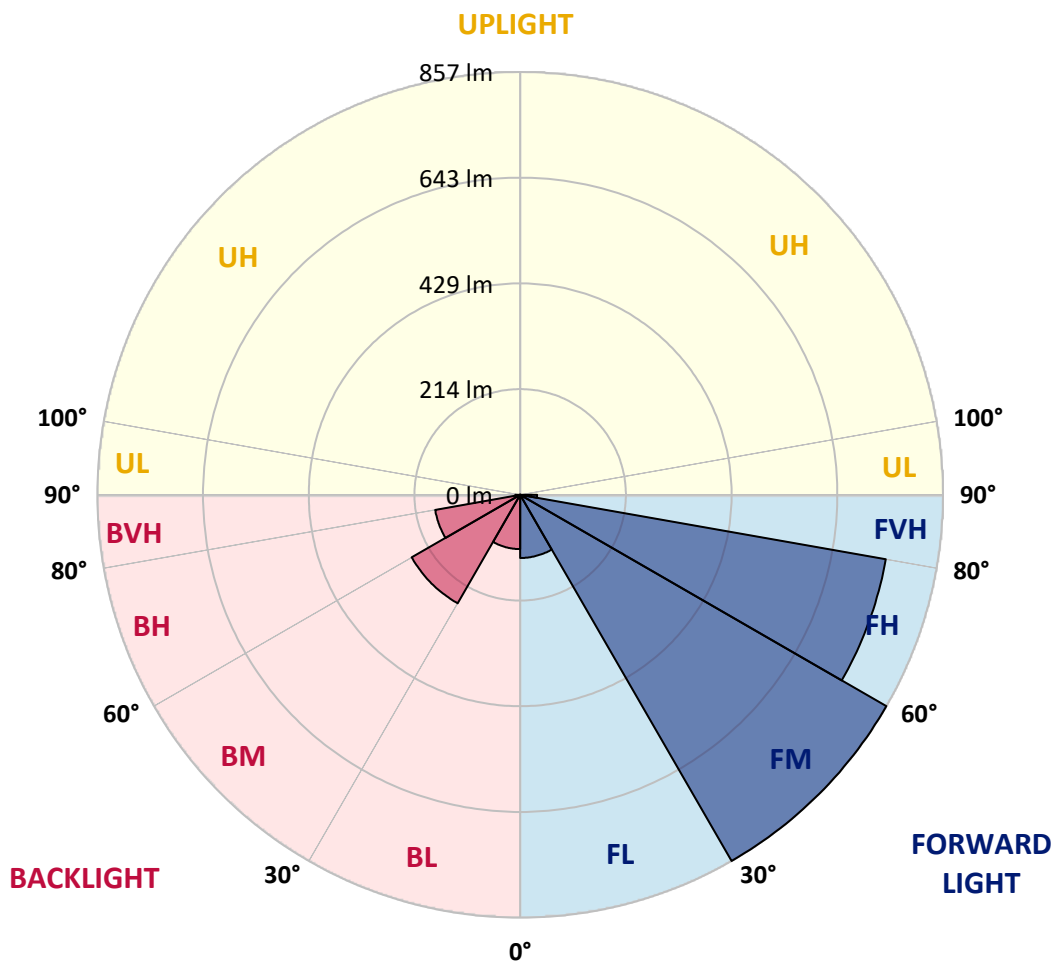
CATALOG NUMBER: ICS-E01-LED-E1-SL2-8030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	128.1	5.5			
FM	(30°-60°)	857.1	36.9			
FH	(60°-80°)	752.5	32.4			G1/1800
FVH	(80°-90°)	34.4	1.5			G1/100
BL	(0°-30°)	110.1	4.7	B1/500		
BM	(30°-60°)	253.9	10.9	B1/1000		
BH	(60°-80°)	175.0	7.5	B1/500		G1/500
BVH	(80°-90°)	9.6	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 II Short





REPORT NUMBER: P180516

CATALOG NUMBER: ICS-E01-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6
2.5°	240.8	241.6	241.1	241.6	242.1	242.3	242.8	242.6	242.6	242.8	242.3
5°	240.8	240.8	241.6	242.8	243.3	244.9	246.6	246.4	246.6	246.4	246.9
7.5°	245.9	245.6	246.4	247.9	248.4	250.7	253.7	254.2	254.7	254.7	255.5
10°	254.7	254.5	255.2	256.0	256.8	258.5	262.8	264.6	264.9	265.1	266.1
12.5°	265.9	265.6	264.6	264.6	264.4	267.6	273.5	276.8	277.3	278.3	279.0
15°	273.7	273.0	271.4	270.4	271.7	277.0	285.6	289.4	289.9	290.7	292.7
17.5°	281.3	280.6	277.3	274.7	276.5	285.1	296.8	300.8	301.8	302.6	304.9
20°	292.0	291.4	286.6	280.6	280.1	291.2	305.4	310.7	311.4	312.5	314.7
22.5°	308.2	305.9	300.3	288.9	283.3	294.7	311.4	318.8	319.8	320.8	323.9
25°	328.4	327.4	317.8	300.3	288.7	298.3	318.0	327.1	328.7	329.9	334.0
27.5°	349.4	347.9	337.5	314.7	298.0	305.4	328.4	338.8	340.8	342.8	346.6
30°	368.2	367.7	359.1	334.2	313.2	318.8	345.1	357.8	360.1	362.6	366.1
32.5°	412.2	412.5	403.6	378.3	349.9	343.1	369.2	388.2	389.2	392.2	398.6
35°	496.5	497.6	494.3	474.3	442.4	414.3	416.8	435.5	436.5	439.1	445.1
37.5°	553.0	555.0	565.2	571.5	555.3	542.4	510.2	502.9	503.6	502.1	500.9
40°	584.2	587.2	613.8	646.7	664.4	664.7	650.8	618.3	605.9	602.4	587.2
42.5°	601.9	606.9	644.7	700.9	751.8	786.7	795.3	759.4	750.3	734.1	704.9
45°	613.5	619.6	664.2	741.1	816.1	875.6	920.4	904.5	898.4	888.5	861.7
47.5°	611.5	616.3	662.7	754.8	849.8	934.3	1013.9	1030.3	1023.0	1020.4	1002.2
50°	574.5	578.8	625.9	720.9	831.3	956.6	1073.1	1119.7	1119.7	1124.5	1118.9
52.5°	535.0	538.6	581.4	666.7	771.5	934.9	1106.0	1183.3	1193.4	1201.7	1214.9
55°	520.1	524.4	556.8	629.7	720.6	872.6	1117.2	1230.9	1249.6	1263.8	1293.7
57.5°	527.2	531.5	554.5	609.7	690.8	809.0	1117.7	1294.9	1331.1	1360.2	1420.8
60°	557.8	561.9	581.1	628.2	682.9	772.3	1096.2	1397.0	1454.7	1509.4	1610.2
62.5°	543.6	548.7	576.8	658.9	741.4	744.4	1018.4	1476.0	1568.9	1649.7	1810.0
65°	481.6	486.9	509.0	585.7	744.9	756.6	903.2	1477.5	1593.0	1702.1	1875.0
67.5°	365.6	367.7	385.1	446.7	595.8	770.0	784.7	1302.5	1412.4	1534.2	1712.7
70°	186.9	190.4	195.5	246.6	383.6	636.3	674.3	959.9	1099.9	1225.8	1440.3
72.5°	64.8	66.1	71.2	94.2	186.9	417.5	590.2	657.8	742.4	860.2	1108.6
75°	39.0	39.0	40.8	47.6	85.3	217.5	525.2	537.3	548.7	588.2	750.8
77.5°	30.9	31.4	31.4	32.7	47.4	111.7	398.8	499.6	501.1	504.9	532.2
80°	22.0	23.0	25.1	26.1	30.6	61.3	223.8	438.6	468.4	482.9	502.9
82.5°	16.5	17.5	21.3	22.5	23.8	34.2	100.5	302.6	357.0	385.9	456.3
85°	7.3	8.6	14.4	16.0	16.7	18.2	47.1	86.1	99.0	111.2	146.6
87.5°	1.3	1.3	2.3	3.3	4.8	4.6	10.4	14.7	14.9	17.5	19.5
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: P180516

CATALOG NUMBER: ICS-E01-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (continued):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6
2.5°	242.3	242.3	242.3	242.1	242.3	242.3	242.3	242.3	242.6	242.6	242.6
5°	247.6	247.1	247.4	247.4	247.4	247.1	247.6	247.4	247.6	248.4	248.1
7.5°	255.5	256.0	256.2	256.5	256.5	256.5	256.8	257.3	257.3	258.0	257.8
10°	267.1	266.9	267.1	267.9	268.7	268.9	269.7	269.4	269.9	270.9	271.9
12.5°	279.5	280.1	280.8	281.6	282.8	283.1	283.8	284.1	285.6	285.6	286.6
15°	293.5	293.7	295.2	295.5	297.0	297.5	298.8	299.3	301.1	301.3	302.3
17.5°	306.1	306.6	307.4	308.2	309.9	310.7	311.7	312.7	314.2	314.7	316.5
20°	316.3	317.3	317.5	319.0	320.6	321.6	322.6	323.6	325.1	325.9	327.7
22.5°	325.4	326.4	327.1	328.4	329.4	330.9	331.5	333.2	334.7	336.0	337.5
25°	335.3	336.8	337.5	339.8	340.6	342.1	343.4	345.1	347.2	348.7	350.7
27.5°	349.2	351.5	352.5	355.0	356.8	357.5	359.6	362.1	363.9	365.6	367.7
30°	368.4	372.7	373.5	375.3	378.6	379.1	381.6	383.6	386.4	388.2	389.9
32.5°	398.3	403.6	404.1	406.2	408.9	409.9	412.0	414.3	418.6	419.3	422.1
35°	444.1	446.4	448.4	449.2	451.5	452.7	454.3	456.8	461.1	460.6	463.6
37.5°	499.1	499.8	500.1	497.6	498.1	495.8	498.6	499.1	500.6	501.9	504.9
40°	577.6	569.7	568.7	562.6	556.6	553.3	552.0	546.9	548.2	548.7	551.2
42.5°	692.3	677.1	664.4	655.8	640.9	633.5	623.7	615.8	609.7	612.0	613.0
45°	837.6	815.8	795.6	769.3	749.8	735.8	718.4	702.7	695.6	692.3	696.3
47.5°	982.7	963.5	939.7	912.6	881.7	858.6	829.5	803.9	786.2	779.6	783.2
50°	1108.1	1090.3	1072.3	1056.4	1020.4	995.4	955.6	922.4	894.6	880.4	876.6
52.5°	1212.1	1202.8	1193.1	1179.7	1150.8	1125.8	1094.1	1061.5	1024.5	995.6	985.8
55°	1305.0	1310.6	1305.8	1306.1	1294.7	1278.7	1251.9	1227.6	1201.7	1169.1	1155.4
57.5°	1440.5	1473.4	1480.0	1496.5	1504.6	1513.2	1520.8	1506.4	1499.8	1475.5	1475.7
60°	1654.0	1702.1	1743.9	1781.8	1813.0	1843.4	1875.3	1889.5	1905.2	1912.5	1937.6
62.5°	1881.1	1926.9	1989.2	2040.1	2068.7	2108.2	2142.9	2165.5	2193.1	2222.4	2260.7
65°	1937.3	1992.5	2031.8	2065.7	2094.1	2115.1	2134.1	2160.9	2183.9	2230.5	2275.6
67.5°	1793.2	1837.3	1873.3	1906.7	1928.7	1946.4	1963.4	1981.1	2020.6	2062.9	2108.2
70°	1539.3	1592.4	1651.9	1695.2	1706.1	1721.3	1737.5	1760.6	1780.3	1824.6	1859.1
72.5°	1236.7	1313.2	1363.5	1423.6	1436.5	1459.5	1468.6	1486.6	1490.1	1514.2	1523.3
75°	861.9	949.5	1000.2	1044.2	1052.9	1040.2	1045.3	981.7	965.5	952.3	941.7
77.5°	569.0	592.5	600.6	593.5	559.6	533.0	504.6	476.8	479.8	457.3	417.8
80°	505.9	511.2	503.9	496.8	477.3	449.4	423.9	397.8	384.9	371.2	351.0
82.5°	492.2	512.8	515.0	506.4	491.0	460.6	429.7	391.0	358.0	327.7	296.8
85°	164.6	200.3	216.2	231.2	235.7	241.1	222.8	198.0	168.1	148.1	116.0
87.5°	21.0	26.1	30.1	25.8	30.1	35.4	25.6	28.6	28.9	18.0	13.4
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: P180516

CATALOG NUMBER: ICS-E01-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (continued):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6
2.5°	242.8	242.6	242.6	242.6	242.3	242.6	242.6	242.6	242.6	242.6	242.3
5°	248.4	248.4	249.2	249.4	248.9	248.7	248.9	249.2	249.2	248.9	249.2
7.5°	258.8	259.0	259.5	260.3	259.8	260.0	260.3	260.0	260.8	261.1	260.8
10°	271.9	272.5	273.7	274.0	273.7	274.7	275.0	274.5	275.0	275.0	276.0
12.5°	287.1	287.6	289.2	289.7	290.2	290.4	291.2	291.4	292.2	292.7	293.5
15°	303.6	304.1	305.1	306.9	307.4	307.9	308.4	309.9	310.2	311.2	312.0
17.5°	317.5	318.3	319.8	321.1	321.8	323.1	323.6	325.4	325.9	327.4	328.7
20°	328.7	329.9	331.2	332.7	334.0	335.5	336.0	337.8	338.8	339.6	341.1
22.5°	338.8	340.3	342.1	343.9	344.9	346.9	347.7	348.4	350.7	351.7	353.2
25°	352.0	353.5	355.5	357.8	358.8	361.3	362.1	363.4	365.9	366.9	369.2
27.5°	369.9	372.0	373.5	375.8	377.0	378.8	380.6	382.1	384.4	385.9	388.4
30°	392.5	394.0	396.5	398.3	400.3	402.9	404.9	406.4	407.7	409.9	412.7
32.5°	425.6	425.9	426.7	431.0	433.0	435.0	437.8	439.1	441.1	443.4	446.4
35°	466.9	469.2	471.0	473.0	475.3	477.6	478.6	482.4	484.1	487.2	490.2
37.5°	507.9	508.2	512.2	513.5	515.5	517.8	521.4	525.2	529.7	532.8	537.6
40°	552.0	554.0	559.1	561.6	564.2	569.7	572.5	578.6	586.2	590.5	598.6
42.5°	615.8	618.8	628.0	632.0	638.1	647.2	653.0	661.4	664.4	674.8	678.6
45°	699.4	708.7	721.9	730.5	741.4	751.3	756.3	760.1	764.7	772.8	771.8
47.5°	789.8	801.9	816.6	834.3	841.4	853.1	859.7	867.0	862.9	860.9	858.9
50°	882.4	896.6	916.1	932.1	943.0	950.0	955.6	954.6	946.0	941.4	928.8
52.5°	985.5	993.9	1012.3	1026.0	1032.6	1034.1	1032.8	1025.3	1017.1	1002.7	987.8
55°	1143.5	1139.7	1147.0	1153.4	1151.4	1158.4	1140.2	1133.1	1113.1	1094.4	1074.4
57.5°	1464.6	1469.6	1428.6	1410.1	1406.8	1413.4	1381.3	1377.2	1328.9	1322.8	1289.1
60°	1934.0	1958.8	1926.7	1908.7	1860.1	1844.1	1808.2	1793.2	1746.9	1709.4	1662.1
62.5°	2287.0	2309.5	2323.0	2297.4	2269.0	2227.2	2172.8	2112.5	2063.4	2005.9	1955.8
65°	2318.9	2364.5	2395.4	2407.3	2387.3	2341.4	2274.3	2198.4	2123.2	2051.0	1987.7
67.5°	2169.8	2210.5	2258.4	2301.2	2303.7	2273.8	2216.6	2139.4	2052.5	1963.4	1889.2
70°	1913.5	1964.7	2006.4	2051.5	2082.9	2065.7	2037.1	1966.2	1876.0	1806.7	1721.3
72.5°	1556.2	1577.8	1587.9	1632.2	1632.7	1601.3	1581.0	1541.8	1469.1	1420.0	1354.9
75°	908.8	861.4	811.0	767.2	731.5	716.6	650.2	639.1	594.5	566.9	526.4
77.5°	374.8	332.5	278.0	232.7	187.9	167.6	138.3	125.3	108.6	101.3	96.5
80°	321.3	281.3	240.3	201.0	166.1	131.2	102.0	79.3	62.3	52.9	49.1
82.5°	262.3	238.3	209.7	188.4	161.0	135.0	113.9	88.4	66.1	48.6	37.2
85°	94.7	77.7	62.5	57.5	45.8	37.7	31.7	27.1	22.3	17.7	15.7
87.5°	10.6	10.1	5.8	5.6	6.3	4.6	5.3	4.8	4.1	3.5	3.8
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: P180516

CATALOG NUMBER: ICS-E01-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6
2.5°	242.3	242.3	242.6	242.6	242.8	243.1	243.6	243.3	243.3	243.6	243.6
5°	249.2	249.9	249.7	249.7	249.7	249.9	250.2	249.2	248.1	247.1	246.6
7.5°	261.1	261.6	262.1	261.6	262.1	261.8	261.3	258.5	255.2	251.2	248.4
10°	276.5	276.5	277.0	276.8	277.8	277.0	275.5	269.2	262.1	253.5	247.1
12.5°	293.2	295.0	294.2	294.5	296.5	294.5	290.9	281.6	268.9	255.0	243.8
15°	313.0	313.7	314.2	313.5	314.7	313.0	306.6	291.7	273.2	253.7	237.3
17.5°	329.2	329.4	329.7	330.2	332.0	329.9	319.0	298.8	274.2	247.9	226.1
20°	341.8	343.1	344.1	344.1	346.6	343.6	329.2	302.3	270.9	238.3	211.9
22.5°	355.0	356.0	357.3	357.5	360.8	357.8	337.5	301.6	262.3	224.6	195.5
25°	371.2	372.2	373.2	374.5	379.1	374.8	345.9	298.5	250.4	208.4	177.8
27.5°	389.9	392.2	393.0	395.0	400.3	393.7	353.0	294.0	237.3	189.7	159.0
30°	415.0	417.8	418.8	421.6	428.9	414.5	357.0	286.1	220.5	170.7	139.0
32.5°	448.7	452.5	455.5	458.6	466.9	435.3	357.5	274.7	201.0	149.4	119.8
35°	492.7	498.6	500.9	502.9	510.7	457.8	355.3	257.8	177.2	127.6	104.6
37.5°	542.1	547.9	549.5	550.5	552.0	477.0	349.7	231.9	150.4	108.6	92.4
40°	602.9	608.0	610.0	608.5	600.4	492.0	337.3	201.8	124.3	95.7	84.8
42.5°	677.1	684.7	685.4	678.6	651.8	500.3	312.5	166.4	103.8	86.3	79.0
45°	769.0	768.5	764.2	759.4	707.7	497.1	277.8	135.5	90.9	79.0	73.7
47.5°	851.5	842.9	836.4	822.2	757.1	477.8	233.0	112.2	83.1	73.4	69.1
50°	919.2	903.5	889.5	874.1	793.8	443.6	188.4	95.2	75.7	68.6	64.8
52.5°	972.6	953.6	937.4	922.2	829.3	405.6	154.5	82.8	68.6	63.8	60.0
55°	1056.1	1037.2	1011.3	994.6	883.5	370.7	132.4	72.9	61.8	58.7	54.9
57.5°	1267.6	1250.9	1220.0	1176.7	1022.7	357.5	120.0	65.3	56.2	54.4	51.4
60°	1636.8	1609.7	1569.4	1525.3	1305.8	366.4	110.1	60.0	52.4	50.9	48.6
62.5°	1915.3	1867.7	1822.1	1781.3	1532.2	366.1	97.2	56.0	49.6	48.9	46.6
65°	1926.7	1878.3	1832.5	1789.7	1537.2	325.9	82.0	52.4	49.1	48.9	45.1
67.5°	1824.4	1772.0	1727.7	1673.7	1423.0	254.7	65.8	50.1	51.1	50.6	44.6
70°	1657.3	1588.9	1552.4	1499.3	1252.4	178.3	54.2	50.9	55.5	53.9	45.3
72.5°	1300.7	1249.1	1193.6	1156.7	980.4	112.7	45.6	51.4	57.2	54.7	47.4
75°	484.1	498.1	475.3	467.2	498.1	66.1	40.5	47.9	51.1	47.4	43.0
77.5°	97.7	93.4	88.6	87.6	113.2	40.8	37.2	41.5	39.2	34.7	34.9
80°	46.8	45.6	44.1	43.8	42.0	33.9	34.4	35.4	29.6	26.8	28.6
82.5°	31.1	29.4	28.9	27.9	28.4	30.4	32.7	30.4	22.8	21.3	25.8
85°	14.4	13.9	13.7	13.7	15.2	27.3	27.1	22.3	15.7	15.2	25.8
87.5°	3.5	3.5	3.8	3.5	4.1	8.1	7.1	6.8	5.8	6.6	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: P180516

CATALOG NUMBER: ICS-E01-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	241.6	241.6	241.6
2.5°	243.3	243.6	243.3
5°	245.6	245.6	245.6
7.5°	245.6	244.9	244.6
10°	242.1	239.8	239.8
12.5°	236.0	232.2	231.7
15°	224.6	219.5	218.8
17.5°	210.2	203.3	202.1
20°	194.0	185.4	183.8
22.5°	176.2	166.4	165.6
25°	158.8	148.6	146.6
27.5°	139.3	129.4	128.4
30°	119.8	111.2	110.7
32.5°	103.3	98.0	97.0
35°	91.7	88.6	87.4
37.5°	84.1	81.8	81.5
40°	78.2	76.2	76.0
42.5°	73.4	71.7	71.4
45°	68.6	67.1	66.6
47.5°	63.8	62.3	62.0
50°	59.5	57.5	57.2
52.5°	55.5	53.4	52.9
55°	51.7	49.6	49.6
57.5°	48.4	46.3	46.1
60°	45.3	43.3	43.0
62.5°	43.0	40.5	40.3
65°	41.3	38.7	38.2
67.5°	40.3	37.2	36.5
70°	42.0	36.5	35.2
72.5°	42.3	35.7	33.9
75°	40.8	33.7	32.4
77.5°	35.7	30.1	28.9
80°	30.9	23.3	21.5
82.5°	29.4	19.0	16.5
85°	22.8	12.4	11.6
87.5°	12.9	6.8	5.6
90°	0.0	0.0	0.0

(END OF REPORT)