

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: P181229

Luminaire Tested: **ICS-F04-LED-E1-T2-HSS-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181229  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33723)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICS-F04-LED-E1-T2-HSS-8030  
Description: ICON SITE SMALL LED LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ HOUSE SIDE SHIELD  
Light Source: (28) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4016.7 lumens  
Efficiency: N/A  
Efficacy: 39.3 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1

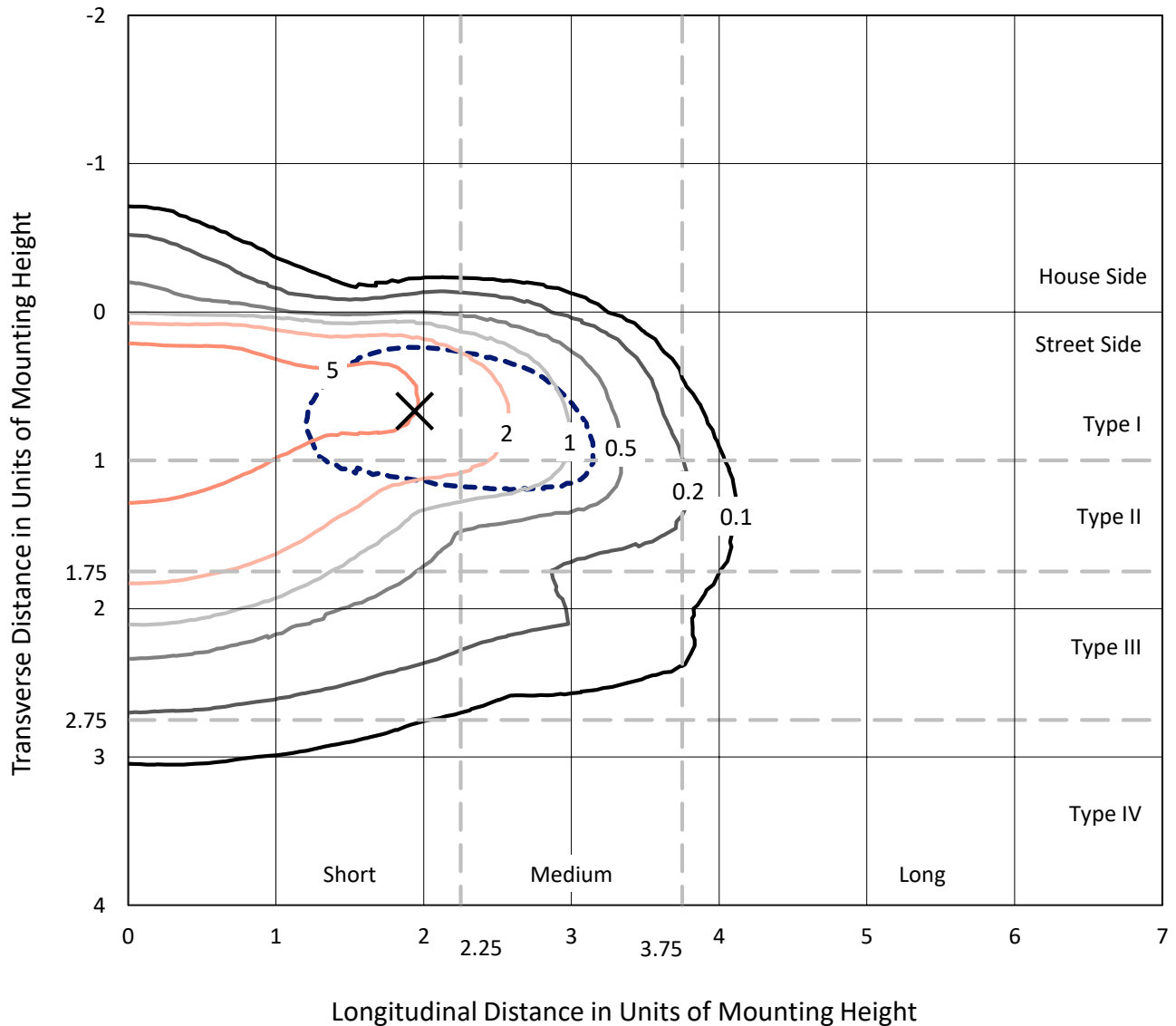
Input Watts (W): 102.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P181229  
 CATALOG NUMBER: ICS-F04-LED-E1-T2-HSS-8030

### Iso-Footcandle Lines of Horizontal Illumination

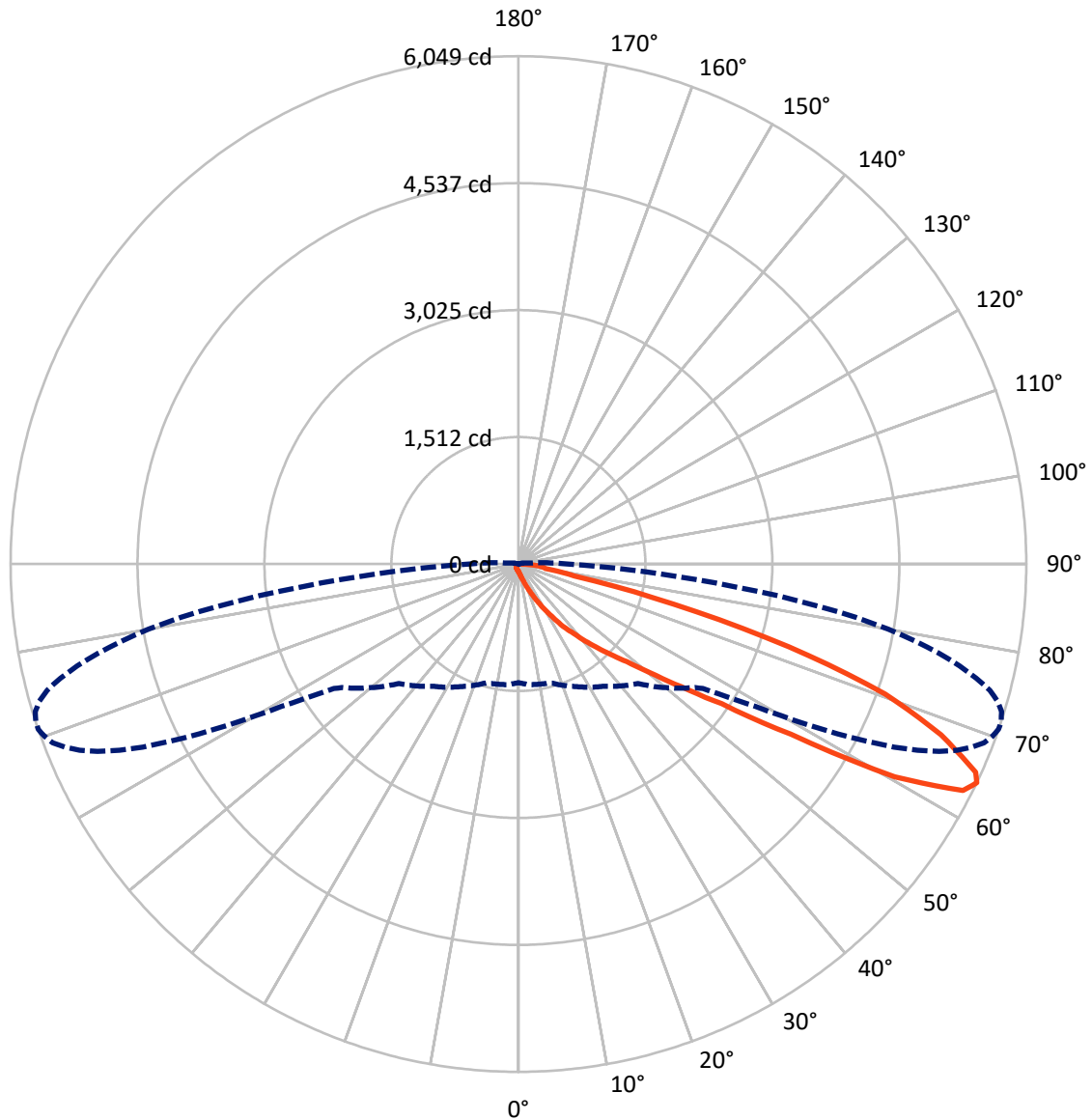
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.8 fc  
 Type II - Short - Non-Cutoff

REPORT NUMBER: P181229  
CATALOG NUMBER: ICS-F04-LED-E1-T2-HSS-8030

### Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral      - - - Horizontal Cone Through 64-Deg Vertical

REPORT NUMBER: P181229

CATALOG NUMBER: ICS-F04-LED-E1-T2-HSS-8030

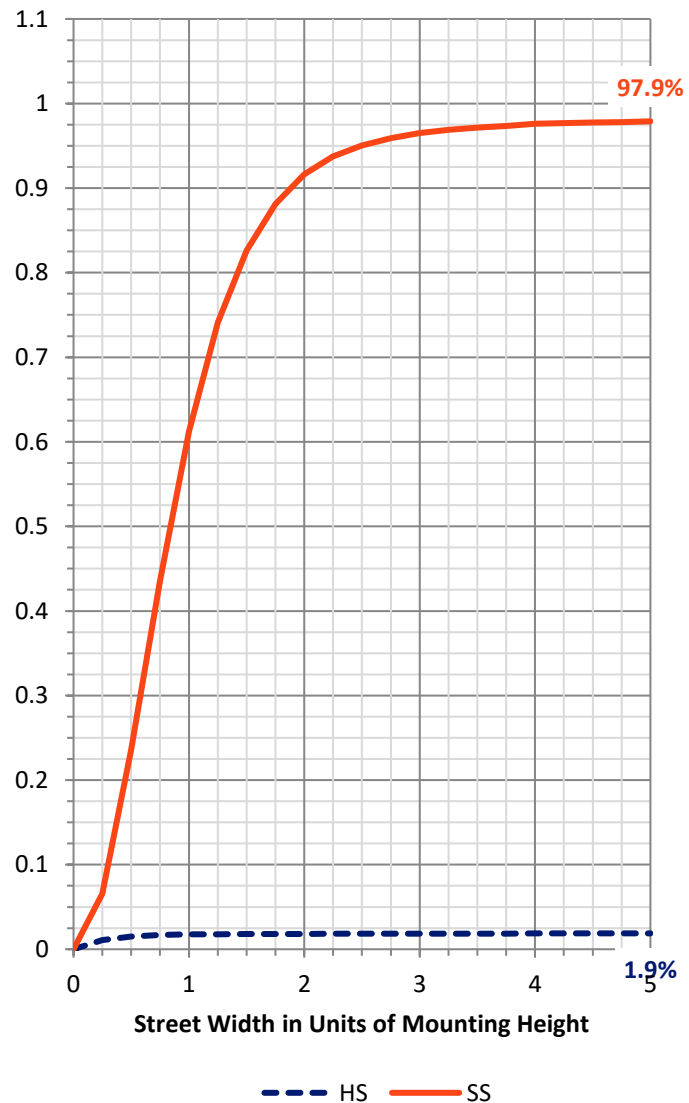
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	76.9	0.0	76.9
	% Fixture	1.9	0.0	1.9
<b>Street Side</b>	Lumens	3939.8	0.0	3939.8
	% Fixture	98.1	0.0	98.1
<b>Total</b>	Lumens	4016.7	0.0	4016.7
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	12.3	0.3
10°-20°	72.6	1.8
20°-30°	185.5	4.6
30°-40°	375.2	9.3
40°-50°	685.8	17.1
50°-60°	1068.5	26.6
60°-70°	1187.7	29.6
70°-80°	387.3	9.6
80°-90°	41.7	1.0
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°	4016.7	100.0
0°-180°	4016.7	100.0



REPORT NUMBER: P181229

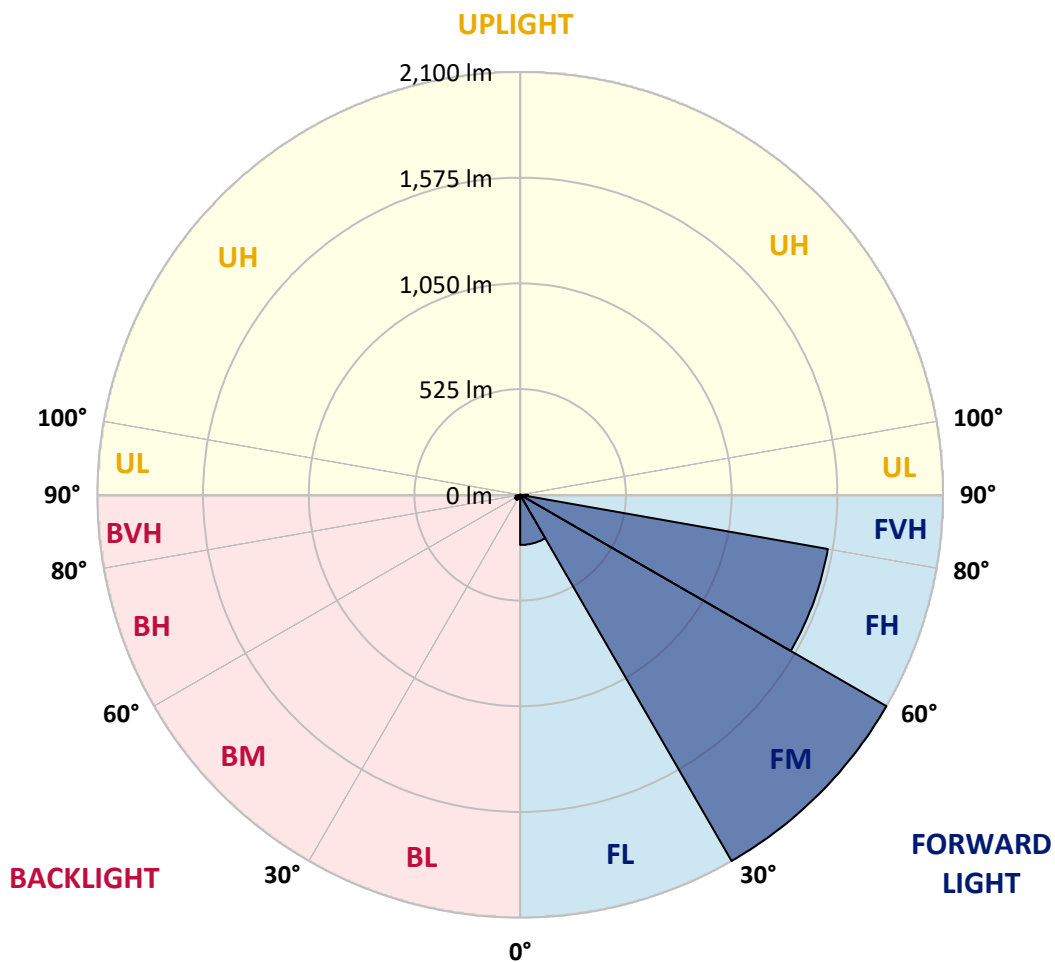
CATALOG NUMBER: ICS-F04-LED-E1-T2-HSS-8030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	249.0	6.2			
FM	(30°-60°)	2099.8	52.3			
FH	(60°-80°)	1551.3	38.6			G1/1800
FVH	(80°-90°)	39.7	1.0			G1/100
BL	(0°-30°)	21.4	0.5	B0/110		
BM	(30°-60°)	29.7	0.7	B0/220		
BH	(60°-80°)	23.7	0.6	B0/110		G0/110
BVH	(80°-90°)	2.0	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B0-U0-G1**

Type II Short





REPORT NUMBER: P181229

CATALOG NUMBER: ICS-F04-LED-E1-T2-HSS-8030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
2.5°	120.4	118.7	118.7	116.2	112.9	109.5	106.2	105.4	104.5	103.7	103.7
5°	189.0	182.3	179.8	170.6	158.9	144.7	132.1	128.8	128.8	126.3	124.6
7.5°	296.8	293.5	275.9	266.7	239.1	204.9	168.9	165.6	164.7	161.4	156.4
10°	434.8	428.1	415.6	388.8	338.6	279.3	228.3	219.9	214.0	207.4	200.7
12.5°	572.7	564.4	546.0	502.5	452.3	376.3	294.3	286.8	277.6	268.4	257.5
15°	710.7	704.9	676.4	632.9	567.7	476.6	372.9	359.5	352.0	333.6	325.3
17.5°	830.3	822.8	800.2	750.8	683.1	582.8	459.9	443.1	430.6	419.7	399.7
20°	934.0	926.4	904.7	863.7	787.6	689.0	553.5	545.2	522.6	505.9	494.2
22.5°	997.5	995.0	980.8	941.5	873.8	786.0	660.5	647.2	632.1	609.5	596.2
25°	1036.8	1034.3	1025.9	998.3	952.3	888.0	778.4	761.7	748.3	728.3	711.5
27.5°	1077.8	1076.1	1069.4	1045.2	1020.9	980.8	898.0	888.8	859.5	847.8	831.9
30°	1145.5	1138.0	1143.8	1132.1	1101.2	1076.1	1018.4	1005.0	992.5	972.4	958.2
32.5°	1253.4	1240.8	1253.4	1240.8	1227.4	1197.3	1142.2	1138.0	1125.4	1112.9	1092.8
35°	1385.5	1380.4	1390.5	1401.4	1390.5	1350.3	1283.5	1270.9	1265.9	1245.8	1238.3
37.5°	1518.4	1527.6	1546.0	1570.2	1563.6	1534.3	1439.8	1428.1	1418.9	1401.4	1388.0
40°	1661.4	1662.2	1701.5	1736.6	1754.2	1736.6	1612.1	1602.9	1590.3	1565.2	1561.9
42.5°	1816.9	1810.2	1839.5	1878.8	1914.7	1939.0	1839.5	1821.9	1804.4	1775.9	1756.7
45°	1954.9	1954.9	1978.3	2015.1	2070.3	2131.3	2079.5	2061.1	2044.3	2020.9	1999.2
47.5°	2056.9	2057.7	2071.9	2125.4	2211.6	2302.7	2304.4	2307.7	2295.2	2267.6	2268.4
50°	2128.8	2119.6	2138.8	2190.7	2290.2	2433.1	2536.0	2541.8	2551.9	2529.3	2536.0
52.5°	2181.5	2177.3	2189.8	2233.3	2332.8	2507.5	2725.8	2750.9	2765.9	2769.3	2796.8
55°	2153.9	2156.4	2186.5	2249.2	2356.2	2556.9	2887.2	2928.1	2963.2	2993.3	3027.6
57.5°	2062.7	2070.3	2122.9	2220.8	2361.2	2597.0	3058.6	3121.3	3187.3	3267.6	3335.3
60°	1917.2	1934.8	2005.9	2143.0	2312.7	2544.3	3109.6	3205.7	3306.9	3429.0	3565.3
62.5°	1704.0	1707.4	1754.2	1887.1	2074.4	2264.2	2875.4	2998.4	3132.1	3308.6	3499.2
64°	1412.2	1442.3	1464.1	1610.4	1777.6	2014.2	2566.1	2651.4	2837.8	3054.4	3294.3
65°	1165.6	1201.5	1219.1	1365.4	1556.9	1782.6	2296.8	2388.0	2584.5	2804.4	3103.7
67.5°	687.3	663.0	714.1	800.2	960.7	1228.3	1549.3	1618.7	1765.1	2026.8	2265.9
70°	443.1	443.1	490.0	577.8	726.6	931.4	1064.4	1035.1	1066.1	1167.2	1336.1
72.5°	284.3	299.3	327.8	402.2	540.1	780.9	1087.8	949.8	877.9	844.5	842.8
75°	129.6	138.0	168.9	213.2	288.5	509.2	1097.0	1036.8	970.7	907.2	857.9
77.5°	27.6	31.8	53.5	110.4	140.5	235.0	778.4	868.7	940.6	961.5	961.5
80°	14.2	15.1	22.6	51.8	60.2	79.4	300.2	394.7	486.6	607.9	735.0
82.5°	5.9	6.7	13.4	23.4	25.1	24.2	79.4	100.3	138.0	200.7	299.3
85°	1.7	1.7	5.9	9.2	13.4	10.9	17.6	20.1	25.9	37.6	71.9
87.5°	0.0	0.0	0.8	1.7	2.5	4.2	5.0	5.0	5.0	5.0	5.0
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: P181229

CATALOG NUMBER: ICS-F04-LED-E1-T2-HSS-8030

**CANDELA DISTRIBUTION (continued):**

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
2.5°	102.8	102.8	102.0	101.2	101.2	99.5	99.5	98.7	98.7	97.8	97.8
5°	123.7	122.1	120.4	117.9	117.1	115.4	113.7	112.0	110.4	109.5	107.9
7.5°	153.8	152.2	147.2	143.8	139.6	137.1	133.8	131.3	128.8	127.1	123.7
10°	194.0	188.1	185.6	173.9	171.4	165.6	160.5	157.2	150.5	146.3	142.1
12.5°	250.8	240.0	235.8	215.7	209.9	201.5	195.7	187.3	179.8	174.8	167.2
15°	315.2	306.9	291.0	270.9	260.0	250.8	236.6	229.9	219.9	209.0	198.2
17.5°	392.1	377.1	359.5	333.6	320.2	306.0	292.6	278.4	261.7	251.7	240.0
20°	481.6	465.7	444.0	411.4	395.5	381.3	357.9	347.8	327.8	307.7	292.6
22.5°	579.4	563.6	542.6	505.9	485.0	461.5	442.3	424.8	401.3	381.3	363.7
25°	689.8	671.4	655.5	612.9	587.0	562.7	541.8	510.9	490.8	467.4	443.1
27.5°	815.2	793.5	772.6	725.8	701.5	674.8	649.7	617.1	597.8	559.4	536.8
30°	944.0	917.2	895.5	847.8	826.1	798.5	764.2	735.0	702.3	676.4	639.6
32.5°	1079.4	1057.7	1040.1	990.0	962.4	928.1	897.2	866.2	837.8	796.0	762.5
35°	1224.1	1204.9	1185.6	1142.2	1117.9	1092.0	1056.9	1019.2	979.9	936.5	906.4
37.5°	1376.3	1361.2	1346.2	1293.5	1265.1	1237.5	1197.3	1159.7	1124.6	1078.6	1027.6
40°	1536.0	1521.8	1497.5	1454.0	1423.9	1398.8	1362.1	1326.9	1279.3	1228.3	1183.1
42.5°	1736.6	1705.7	1684.8	1637.1	1605.4	1577.8	1545.2	1492.5	1452.4	1391.3	1347.8
45°	1971.6	1942.3	1908.0	1859.5	1820.3	1775.1	1729.1	1693.2	1643.0	1587.8	1531.8
47.5°	2235.8	2212.4	2172.3	2124.6	2085.3	2040.2	1985.8	1939.8	1878.8	1814.4	1738.3
50°	2526.8	2502.5	2475.8	2422.3	2383.0	2340.3	2297.7	2243.3	2188.1	2111.2	2032.6
52.5°	2796.8	2801.9	2786.0	2760.9	2741.7	2697.3	2658.1	2606.2	2557.7	2487.5	2426.4
55°	3063.6	3107.1	3123.8	3148.0	3156.4	3120.4	3119.6	3043.5	3014.2	2973.3	2938.2
57.5°	3415.6	3511.7	3587.8	3735.0	3796.9	3859.6	3871.3	3817.8	3872.9	3801.9	3826.1
60°	3714.9	3891.3	4080.3	4460.7	4651.4	4795.2	4910.6	4995.9	5051.1	5144.7	5149.7
62.5°	3741.7	4019.3	4306.9	4862.1	5123.0	5341.2	5549.4	5694.9	5810.3	5916.4	5942.4
64°	3613.7	3957.4	4306.9	4978.3	5245.0	5487.5	5677.3	5822.0	5939.9	6005.9	6049.4
65°	3381.3	3765.9	4168.1	4901.4	5176.5	5434.0	5615.4	5760.9	5872.1	5938.2	5983.3
67.5°	2505.0	2877.1	3281.0	4134.7	4567.8	4803.6	5036.0	5240.0	5329.5	5413.1	5429.0
70°	1526.8	1796.8	2075.3	2867.1	3269.3	3693.2	3954.9	4253.4	4462.4	4591.2	4633.8
72.5°	921.4	1015.1	1181.4	1607.0	1992.5	2290.2	2652.2	2937.3	3171.4	3301.0	3366.3
75°	820.2	808.5	830.3	1007.5	1144.7	1323.6	1454.9	1633.8	1778.4	1823.6	1908.0
77.5°	948.2	914.7	880.4	847.0	840.3	823.6	796.8	803.5	740.0	678.9	680.6
80°	844.5	924.8	972.4	937.3	857.9	777.6	678.9	556.0	434.8	359.5	327.8
82.5°	423.9	602.8	775.1	945.7	934.0	862.9	754.2	619.6	479.9	368.7	294.3
85°	130.4	231.6	326.1	453.2	525.9	515.9	453.2	440.6	314.4	245.0	189.0
87.5°	5.9	5.9	5.9	5.0	5.9	5.9	5.9	6.7	6.7	7.5	7.5
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: P181229  
 CATALOG NUMBER: ICS-F04-LED-E1-T2-HSS-8030

**CANDELA DISTRIBUTION (continued):**

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
2.5°	97.8	97.0	96.2	95.3	95.3	95.3	94.5	94.5	93.6	93.6	92.8
5°	107.9	106.2	105.4	103.7	103.7	102.0	101.2	100.3	98.7	97.8	97.0
7.5°	121.2	119.6	117.1	114.5	113.7	111.2	108.7	107.0	105.4	103.7	102.0
10°	138.8	135.5	130.4	127.1	124.6	121.2	117.9	115.4	112.0	108.7	107.0
12.5°	161.4	154.7	149.7	143.8	138.8	133.8	127.9	124.6	121.2	116.2	112.9
15°	187.3	180.6	174.8	164.7	156.4	149.7	144.7	137.1	131.3	124.6	119.6
17.5°	231.6	214.0	202.3	192.3	183.9	171.4	161.4	153.0	145.5	137.1	131.3
20°	275.1	260.0	244.1	232.4	214.0	203.2	189.8	178.1	164.7	154.7	144.7
22.5°	338.6	319.4	299.3	281.8	256.7	241.6	224.1	209.0	192.3	175.6	164.7
25°	418.9	390.5	363.7	338.6	315.2	292.6	270.1	245.8	228.3	208.2	189.8
27.5°	503.3	471.6	445.7	413.0	382.9	355.4	326.9	301.0	270.9	245.0	223.2
30°	609.5	566.1	536.0	496.7	466.6	428.1	393.0	358.7	321.9	291.8	260.9
32.5°	717.4	688.1	637.1	603.7	558.5	512.5	475.8	436.5	391.3	352.0	314.4
35°	859.5	809.4	766.7	719.9	670.6	622.9	575.3	519.2	473.2	424.8	378.8
37.5°	985.0	934.0	884.6	823.6	767.6	717.4	659.7	601.2	546.8	489.1	434.0
40°	1130.4	1066.9	1008.4	951.5	882.1	822.8	762.5	689.8	627.1	563.6	498.3
42.5°	1289.3	1224.9	1155.5	1090.3	1014.2	941.5	867.1	794.3	724.1	647.2	571.1
45°	1463.2	1395.5	1317.7	1243.3	1160.5	1080.3	991.6	908.0	825.3	739.1	651.3
47.5°	1678.9	1592.0	1520.1	1427.3	1324.4	1240.0	1131.3	1036.0	941.5	841.1	742.5
50°	1958.2	1859.5	1755.9	1653.0	1539.3	1432.3	1311.9	1199.0	1072.8	960.7	847.8
52.5°	2328.6	2255.0	2134.6	2016.7	1877.9	1741.7	1576.1	1429.8	1267.6	1124.6	986.6
55°	2854.5	2806.0	2701.5	2572.8	2451.5	2252.5	2061.9	1834.5	1623.8	1418.1	1224.1
57.5°	3806.9	3754.2	3638.0	3607.1	3420.6	3274.3	3051.0	2756.7	2399.7	2085.3	1771.8
60°	5178.1	5075.3	4961.6	4940.7	4721.6	4567.8	4346.2	4032.6	3696.5	3194.8	2767.6
62.5°	5944.0	5913.1	5821.1	5708.2	5518.4	5290.2	5041.0	4737.5	4396.4	3956.6	3448.2
64°	6046.9	6018.5	5939.0	5811.9	5621.3	5394.7	5118.8	4816.1	4474.1	4072.8	3608.7
65°	5982.5	5942.4	5874.6	5757.6	5580.3	5362.9	5085.3	4778.5	4431.5	4045.2	3613.7
67.5°	5463.3	5444.9	5383.0	5274.3	5163.1	4967.4	4723.3	4449.0	4165.6	3782.6	3429.0
70°	4638.8	4625.5	4546.9	4503.4	4319.4	4195.7	3998.4	3782.6	3531.8	3265.1	2964.1
72.5°	3439.0	3393.8	3330.3	3264.2	3139.7	2969.9	2816.1	2586.1	2456.5	2231.6	2061.9
75°	1823.6	1795.2	1696.5	1558.5	1404.7	1325.3	1165.6	1022.6	908.9	857.9	735.0
77.5°	630.4	574.4	519.2	457.4	362.9	286.0	228.3	182.3	143.8	127.1	106.2
80°	314.4	298.5	280.9	245.8	206.5	166.4	130.4	102.8	84.4	71.9	64.4
82.5°	255.0	225.8	201.5	176.4	141.3	116.2	92.0	75.3	61.9	54.3	47.7
85°	150.5	115.4	87.8	79.4	61.9	53.5	46.0	39.3	33.4	31.8	29.3
87.5°	5.9	7.5	7.5	5.9	7.5	6.7	6.7	5.9	5.9	5.9	5.9
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: P181229

CATALOG NUMBER: ICS-F04-LED-E1-T2-HSS-8030

**CANDELA DISTRIBUTION (continued):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
2.5°	92.8	92.0	92.0	91.1	90.3	90.3	90.3	89.5	87.8	84.4	81.9
5°	96.2	95.3	94.5	92.8	92.0	91.1	90.3	90.3	86.1	80.3	76.1
7.5°	100.3	98.7	97.0	95.3	94.5	92.8	91.1	90.3	84.4	76.9	72.7
10°	104.5	102.0	99.5	98.7	96.2	94.5	92.0	90.3	83.6	74.4	68.6
12.5°	109.5	106.2	102.8	100.3	97.0	95.3	92.8	90.3	81.9	71.9	65.2
15°	115.4	110.4	106.2	103.7	100.3	96.2	92.8	90.3	80.3	69.4	61.9
17.5°	122.9	117.1	112.0	107.0	102.0	97.8	94.5	91.1	77.8	66.1	57.7
20°	134.6	127.1	118.7	112.9	106.2	101.2	95.3	91.1	76.1	62.7	54.3
22.5°	150.5	138.8	129.6	119.6	111.2	104.5	97.8	92.8	73.6	59.4	50.2
25°	173.1	158.0	143.0	130.4	119.6	110.4	102.0	95.3	71.9	56.9	47.7
27.5°	198.2	180.6	160.5	145.5	130.4	117.1	107.9	99.5	71.9	55.2	45.2
30°	233.3	208.2	183.9	164.7	144.7	129.6	116.2	105.4	71.9	54.3	42.6
32.5°	275.9	247.5	216.6	189.0	165.6	143.8	127.1	112.9	73.6	52.7	41.0
35°	335.3	293.5	256.7	222.4	191.5	166.4	144.7	125.4	76.1	51.8	38.5
37.5°	382.1	331.9	285.1	245.8	209.9	178.9	151.3	130.4	73.6	48.5	36.0
40°	438.1	381.3	324.4	275.1	234.1	194.0	162.2	137.1	71.9	44.3	32.6
42.5°	505.9	434.8	368.7	312.7	261.7	214.0	176.4	145.5	71.9	41.8	30.1
45°	569.4	491.6	418.1	347.8	288.5	235.8	189.8	154.7	71.1	39.3	26.8
47.5°	648.0	556.0	469.9	388.8	320.2	255.9	204.0	163.0	70.2	36.8	24.2
50°	740.8	628.8	531.8	434.8	351.2	280.1	220.7	172.2	68.6	34.3	21.7
52.5°	843.7	723.3	599.5	487.5	389.6	306.0	236.6	180.6	66.1	31.8	19.2
55°	1025.9	860.4	714.1	575.3	448.2	344.5	260.0	193.1	63.5	29.3	16.7
57.5°	1463.2	1189.0	981.6	772.6	590.3	442.3	323.6	229.1	60.2	25.9	13.4
60°	2297.7	1845.3	1493.3	1171.4	893.0	678.9	476.6	338.6	64.4	21.7	11.7
62.5°	2947.4	2427.3	1979.1	1575.3	1223.3	929.8	694.0	505.9	92.8	19.2	9.2
64°	3117.1	2590.3	2112.1	1689.0	1322.8	1020.1	774.3	571.9	119.6	19.2	8.4
65°	3142.2	2640.5	2159.7	1730.8	1357.0	1044.3	797.7	593.7	130.4	20.1	7.5
67.5°	3038.5	2611.2	2173.9	1748.3	1383.0	1077.8	829.4	627.9	147.2	19.2	5.9
70°	2653.9	2339.5	1980.0	1635.5	1304.4	1024.3	797.7	608.7	153.8	18.4	5.0
72.5°	1806.0	1589.5	1377.1	1133.0	908.0	748.3	581.9	428.9	107.9	15.1	4.2
75°	602.0	587.0	525.1	398.0	334.5	271.7	217.4	167.2	41.0	9.2	4.2
77.5°	100.3	86.1	75.3	71.9	60.2	58.5	51.0	41.0	17.6	5.9	4.2
80°	58.5	53.5	46.8	41.8	36.8	32.6	27.6	23.4	10.9	4.2	5.0
82.5°	43.5	38.5	34.3	30.1	25.9	22.6	19.2	15.9	5.9	4.2	5.0
85°	25.1	21.7	19.2	16.7	13.4	11.7	10.0	8.4	4.2	4.2	4.2
87.5°	5.0	5.0	4.2	4.2	4.2	4.2	4.2	3.3	4.2	4.2	3.3
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: P181229

CATALOG NUMBER: ICS-F04-LED-E1-T2-HSS-8030

**CANDELA DISTRIBUTION (continued):**

	125°	135°	145°	155°	165°	175°	180°
0°	89.5	89.5	89.5	89.5	89.5	89.5	89.5
2.5°	80.3	77.8	76.9	76.9	76.9	76.9	76.9
5°	73.6	71.1	69.4	68.6	68.6	68.6	68.6
7.5°	68.6	65.2	63.5	61.9	61.9	61.0	61.0
10°	63.5	60.2	57.7	56.0	55.2	55.2	55.2
12.5°	59.4	56.0	52.7	51.0	51.0	50.2	50.2
15°	56.0	51.0	48.5	46.8	46.8	46.0	46.0
17.5°	51.8	47.7	45.2	43.5	42.6	42.6	42.6
20°	47.7	43.5	41.0	40.1	39.3	39.3	38.5
22.5°	44.3	40.1	37.6	36.8	36.0	36.0	35.1
25°	41.0	36.8	34.3	33.4	32.6	31.8	31.8
27.5°	38.5	34.3	31.8	30.1	29.3	28.4	28.4
30°	36.0	30.9	28.4	26.8	25.9	25.1	25.1
32.5°	33.4	28.4	25.1	23.4	22.6	21.7	21.7
35°	30.1	25.1	21.7	20.9	20.1	19.2	18.4
37.5°	27.6	21.7	19.2	17.6	16.7	15.9	15.9
40°	24.2	19.2	16.7	15.1	13.4	12.5	12.5
42.5°	21.7	16.7	14.2	11.7	10.9	10.0	10.0
45°	19.2	15.1	11.7	9.2	8.4	7.5	7.5
47.5°	16.7	12.5	9.2	7.5	6.7	5.9	5.9
50°	14.2	10.0	6.7	5.0	5.9	5.0	5.0
52.5°	12.5	7.5	5.0	5.0	5.0	5.0	5.0
55°	10.0	5.9	4.2	4.2	5.0	5.0	5.0
57.5°	8.4	4.2	3.3	4.2	4.2	4.2	4.2
60°	5.9	3.3	3.3	4.2	4.2	4.2	4.2
62.5°	5.0	3.3	3.3	3.3	4.2	4.2	4.2
64°	4.2	3.3	3.3	3.3	4.2	4.2	4.2
65°	4.2	3.3	3.3	3.3	4.2	4.2	4.2
67.5°	4.2	3.3	3.3	3.3	4.2	4.2	4.2
70°	3.3	3.3	3.3	3.3	4.2	4.2	4.2
72.5°	3.3	3.3	3.3	3.3	4.2	4.2	4.2
75°	3.3	3.3	3.3	3.3	4.2	4.2	4.2
77.5°	3.3	3.3	3.3	4.2	4.2	4.2	4.2
80°	3.3	3.3	3.3	4.2	4.2	4.2	4.2
82.5°	3.3	3.3	3.3	4.2	4.2	4.2	4.2
85°	3.3	3.3	3.3	4.2	4.2	4.2	4.2
87.5°	3.3	3.3	3.3	4.2	4.2	4.2	4.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)