

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: P180548

Luminaire Tested: **ICS-E04-LED-E1-SL2**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180548
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-E04-LED-E1-SL2
Description: ICON SITE SMALL LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (84) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10998.9 lumens
Efficiency: N/A
Efficacy: 113.2 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: B2 - U0 - G2

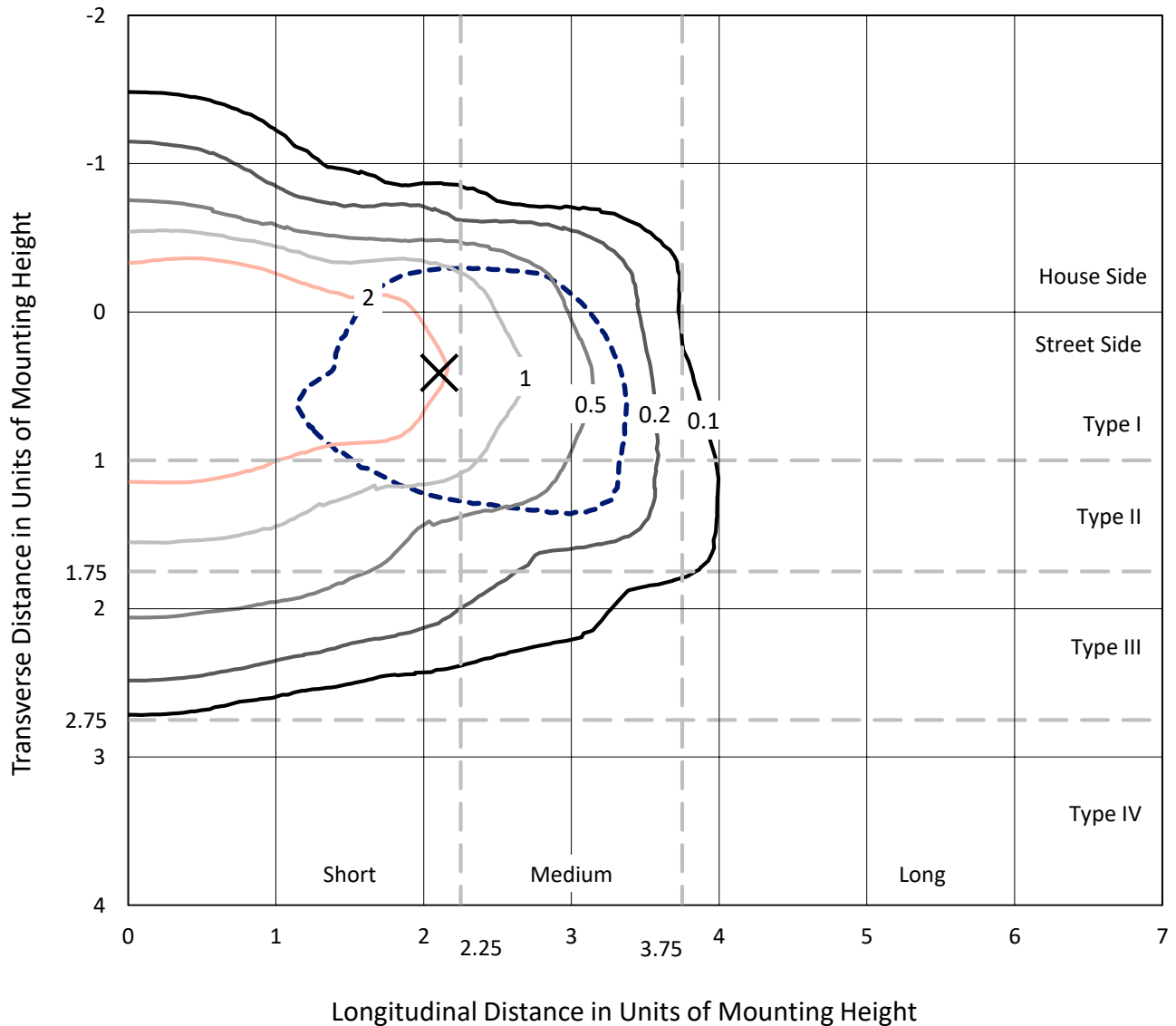
Input Watts (W): 97.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

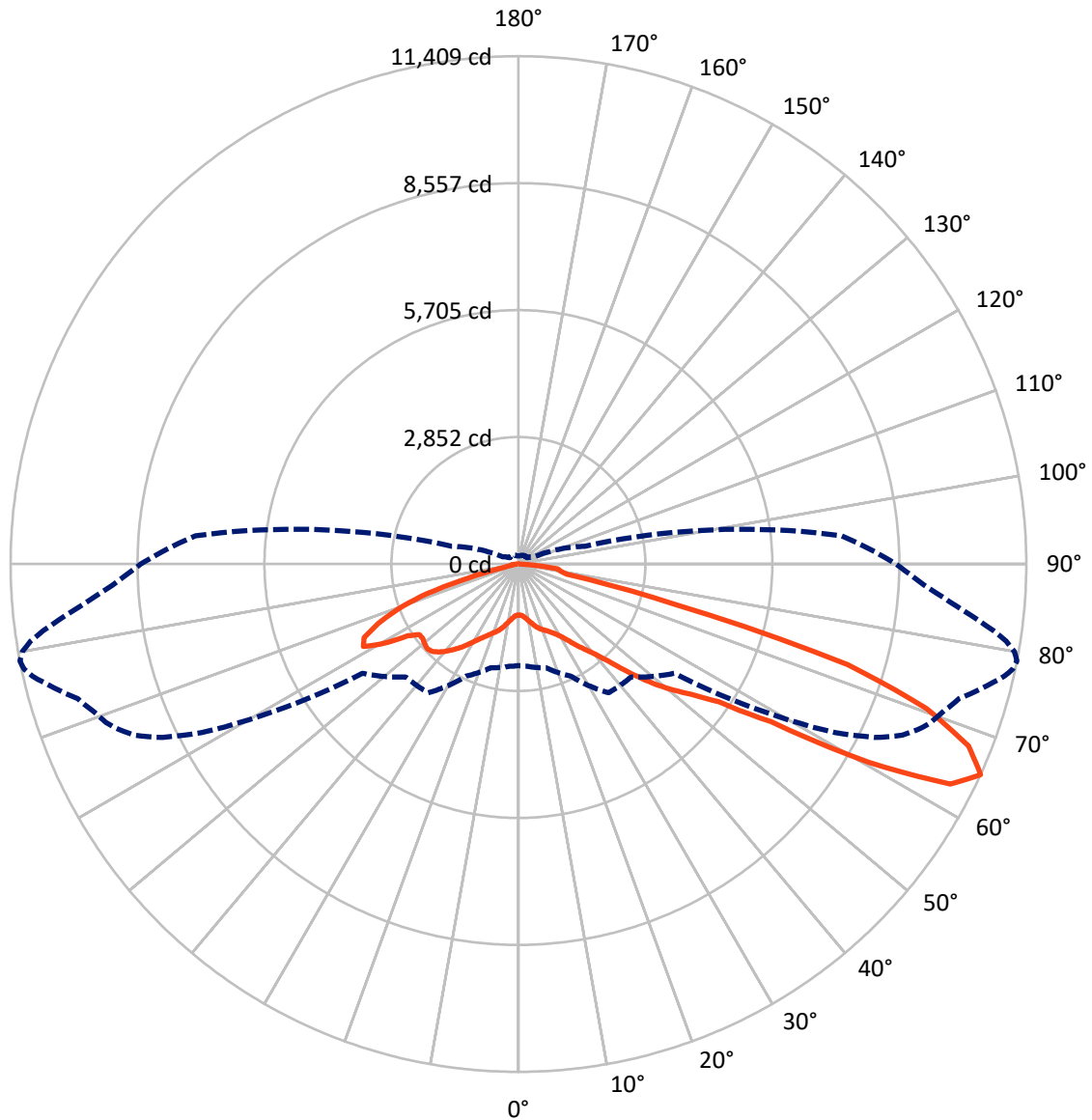
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.8 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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

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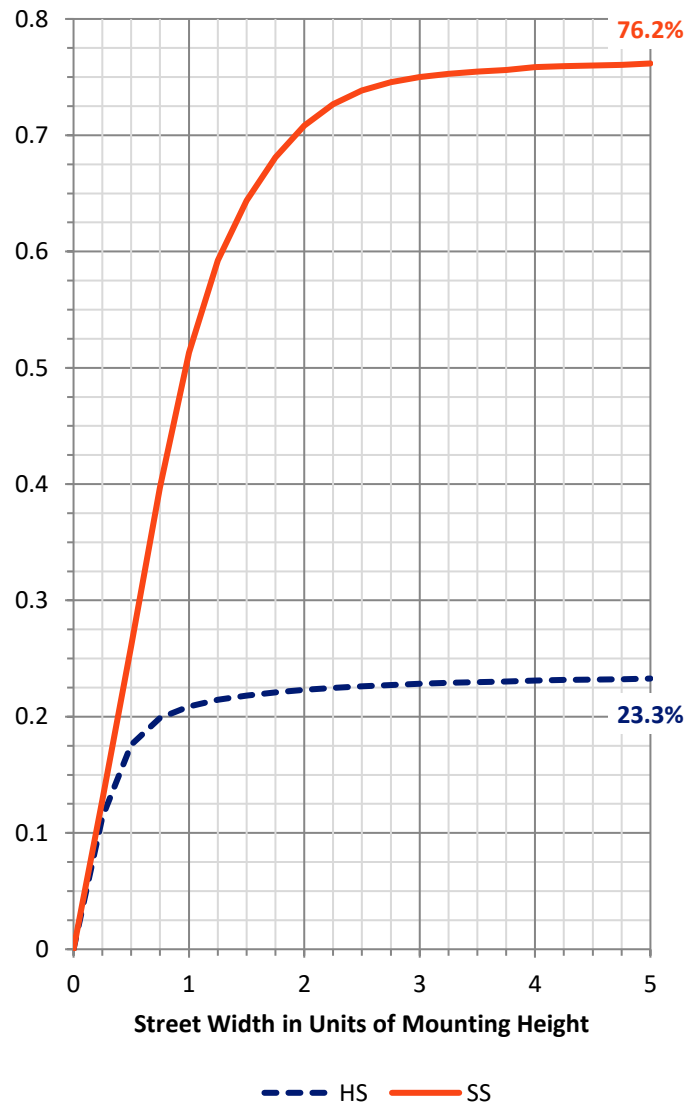
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2600.1	0.0	2600.1
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	8398.8	0.0	8398.8
	% Fixture	76.4	0.0	76.4
Total	Lumens	10998.9	0.0	10998.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.8	1.0
10°-20°	372.1	3.4
20°-30°	642.8	5.8
30°-40°	1063.9	9.7
40°-50°	1804.4	16.4
50°-60°	2397.5	21.8
60°-70°	3096.9	28.2
70°-80°	1298.9	11.8
80°-90°	208.6	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°	10998.9	100.0
0°-180°	10998.9	100.0



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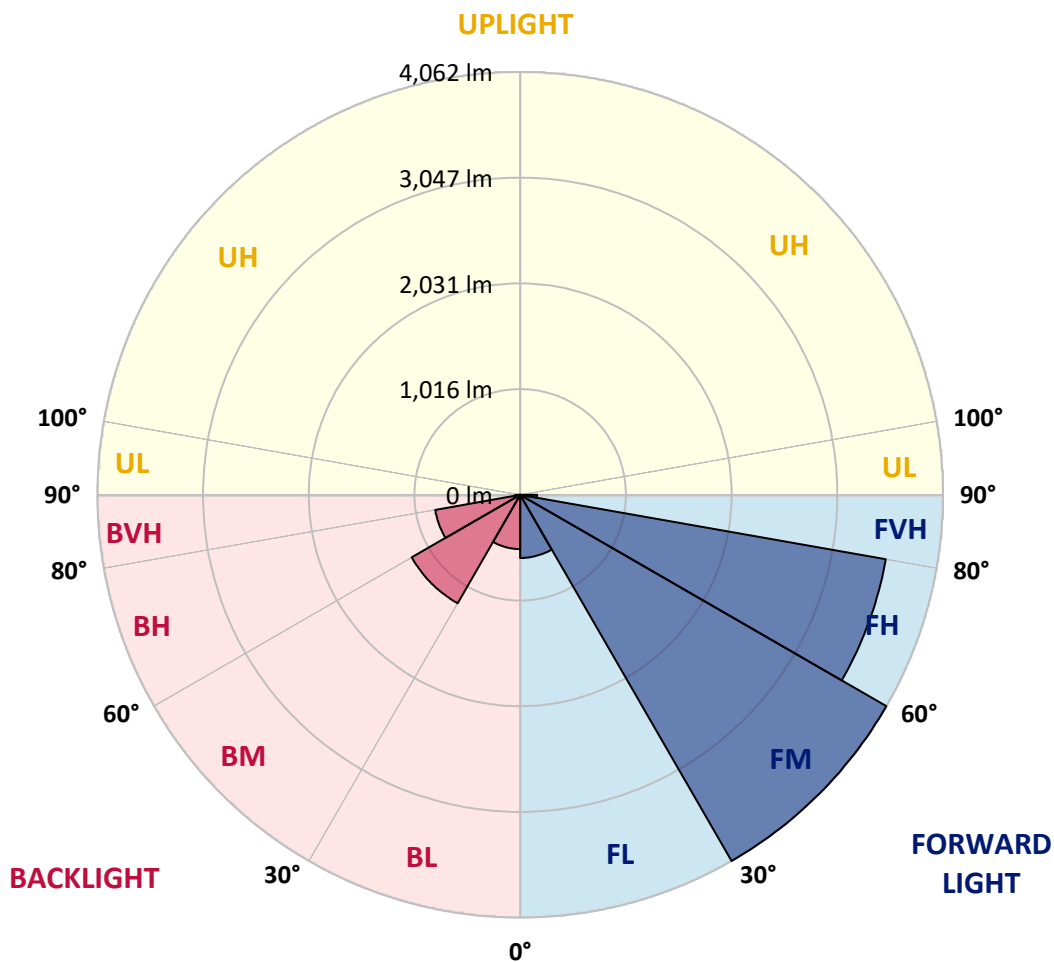
CATALOG NUMBER: ICS-E04-LED-E1-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	606.9	5.5			
FM (30°-60°)	4062.2	36.9			
FH (60°-80°)	3566.6	32.4			G2/5000
FVH (80°-90°)	163.1	1.5			G2/225
BL (0°-30°)	521.8	4.7	B2/1000		
BM (30°-60°)	1203.6	10.9	B2/2500		
BH (60°-80°)	829.2	7.5	B2/1000		G2/1000
BVH (80°-90°)	45.5	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9
2.5°	1141.3	1144.9	1142.5	1144.9	1147.3	1148.5	1150.9	1149.7	1149.7	1150.9	1148.5
5°	1141.3	1141.3	1144.9	1150.9	1153.3	1160.5	1168.9	1167.7	1168.9	1167.7	1170.1
7.5°	1165.3	1164.1	1167.7	1174.9	1177.3	1188.1	1202.5	1204.9	1207.3	1207.3	1210.9
10°	1207.3	1206.1	1209.7	1213.3	1216.9	1225.3	1245.7	1254.1	1255.3	1256.5	1261.3
12.5°	1260.1	1258.9	1254.1	1254.1	1252.9	1268.5	1296.1	1311.7	1314.1	1318.9	1322.5
15°	1297.3	1293.7	1286.5	1281.7	1287.7	1312.9	1353.7	1371.7	1374.1	1377.7	1387.3
17.5°	1333.3	1329.7	1314.1	1302.1	1310.5	1351.3	1406.5	1425.7	1430.5	1434.1	1444.9
20°	1383.7	1381.3	1358.5	1329.7	1327.3	1380.1	1447.3	1472.5	1476.1	1480.9	1491.7
22.5°	1460.5	1449.7	1423.3	1369.3	1342.9	1396.9	1476.1	1510.9	1515.7	1520.5	1534.9
25°	1556.5	1551.7	1506.1	1423.3	1368.1	1413.7	1507.3	1550.5	1557.7	1563.7	1582.9
27.5°	1656.1	1648.9	1599.7	1491.7	1412.5	1447.3	1556.5	1605.7	1615.3	1624.9	1642.9
30°	1744.9	1742.5	1701.7	1584.1	1484.5	1510.9	1635.7	1695.7	1706.5	1718.5	1735.3
32.5°	1953.7	1954.9	1912.9	1792.9	1658.5	1626.1	1749.7	1839.7	1844.5	1858.9	1888.9
35°	2353.3	2358.1	2342.5	2247.7	2096.5	1963.3	1975.3	2064.1	2068.9	2080.9	2109.7
37.5°	2620.9	2630.5	2678.5	2708.5	2631.7	2570.5	2418.1	2383.3	2386.9	2379.7	2373.7
40°	2768.6	2783.0	2909.0	3065.0	3149.0	3150.2	3084.2	2930.6	2871.8	2855.0	2783.0
42.5°	2852.6	2876.6	3055.4	3321.8	3563.0	3728.6	3769.4	3599.0	3555.8	3479.0	3341.0
45°	2907.8	2936.6	3147.8	3512.6	3867.8	4149.8	4362.2	4286.6	4257.8	4211.0	4083.8
47.5°	2898.2	2921.0	3140.6	3577.4	4027.4	4428.2	4805.1	4883.1	4848.3	4836.3	4749.9
50°	2722.9	2743.3	2966.6	3416.6	3939.8	4533.8	5085.9	5306.7	5306.7	5329.5	5303.1
52.5°	2535.7	2552.5	2755.3	3159.8	3656.6	4430.6	5241.9	5607.9	5655.9	5695.5	5757.9
55°	2464.9	2485.3	2638.9	2984.6	3415.4	4135.4	5294.7	5833.5	5922.3	5989.5	6131.1
57.5°	2498.5	2518.9	2628.1	2889.8	3273.8	3834.2	5297.1	6137.1	6308.7	6446.8	6733.6
60°	2643.7	2662.9	2754.1	2977.4	3236.6	3660.2	5195.1	6620.8	6894.4	7153.6	7631.2
62.5°	2576.5	2600.5	2733.7	3122.6	3513.8	3528.2	4826.7	6995.2	7435.6	7818.4	8578.1
65°	2282.5	2307.7	2412.1	2775.8	3530.6	3585.8	4280.6	7002.4	7549.6	8066.8	8886.5
67.5°	1732.9	1742.5	1825.3	2116.9	2823.8	3649.4	3719.0	6173.1	6694.0	7271.2	8117.2
70°	885.6	902.4	926.5	1168.9	1818.1	3015.8	3195.8	4549.4	5213.1	5809.5	6826.0
72.5°	307.2	313.2	337.2	446.4	885.6	1978.9	2797.4	3117.8	3518.6	4076.6	5253.9
75°	184.8	184.8	193.2	225.6	404.4	1030.9	2488.9	2546.5	2600.5	2787.8	3558.2
77.5°	146.4	148.8	148.8	154.8	224.4	529.2	1890.1	2367.7	2374.9	2392.9	2522.5
80°	104.4	109.2	118.8	123.6	145.2	290.4	1060.9	2078.5	2220.1	2288.5	2383.3
82.5°	78.0	82.8	100.8	106.8	112.8	162.0	476.4	1434.1	1692.1	1828.9	2162.5
85°	34.8	40.8	68.4	75.6	79.2	86.4	223.2	408.0	469.2	526.8	694.8
87.5°	6.0	6.0	10.8	15.6	22.8	21.6	49.2	69.6	70.8	82.8	92.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: ICS-E04-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9
2.5°	1148.5	1148.5	1148.5	1147.3	1148.5	1148.5	1148.5	1148.5	1149.7	1149.7	1149.7
5°	1173.7	1171.3	1172.5	1172.5	1172.5	1171.3	1173.7	1172.5	1173.7	1177.3	1176.1
7.5°	1210.9	1213.3	1214.5	1215.7	1215.7	1215.7	1216.9	1219.3	1219.3	1222.9	1221.7
10°	1266.1	1264.9	1266.1	1269.7	1273.3	1274.5	1278.1	1276.9	1279.3	1284.1	1288.9
12.5°	1324.9	1327.3	1330.9	1334.5	1340.5	1341.7	1345.3	1346.5	1353.7	1353.7	1358.5
15°	1390.9	1392.1	1399.3	1400.5	1407.7	1410.1	1416.1	1418.5	1426.9	1428.1	1432.9
17.5°	1450.9	1453.3	1456.9	1460.5	1468.9	1472.5	1477.3	1482.1	1489.3	1491.7	1500.1
20°	1498.9	1503.7	1504.9	1512.1	1519.3	1524.1	1528.9	1533.7	1540.9	1544.5	1552.9
22.5°	1542.1	1546.9	1550.5	1556.5	1561.3	1568.5	1570.9	1579.3	1586.5	1592.5	1599.7
25°	1588.9	1596.1	1599.7	1610.5	1614.1	1621.3	1627.3	1635.7	1645.3	1652.5	1662.1
27.5°	1654.9	1665.7	1670.5	1682.5	1690.9	1694.5	1704.1	1716.1	1724.5	1732.9	1742.5
30°	1746.1	1766.5	1770.1	1778.5	1794.1	1796.5	1808.5	1818.1	1831.3	1839.7	1848.1
32.5°	1887.7	1912.9	1915.3	1924.9	1938.1	1942.9	1952.5	1963.3	1983.7	1987.3	2000.5
35°	2104.9	2115.7	2125.3	2128.9	2139.7	2145.7	2152.9	2164.9	2185.3	2182.9	2197.3
37.5°	2365.3	2368.9	2370.1	2358.1	2360.5	2349.7	2362.9	2365.3	2372.5	2378.5	2392.9
40°	2737.3	2700.1	2695.3	2666.5	2637.7	2622.1	2616.1	2592.1	2598.1	2600.5	2612.5
42.5°	3281.0	3209.0	3149.0	3108.2	3037.4	3002.6	2955.8	2918.6	2889.8	2900.6	2905.4
45°	3969.8	3866.6	3770.6	3645.8	3553.4	3487.4	3404.6	3330.2	3296.6	3281.0	3300.2
47.5°	4657.5	4566.2	4453.4	4325.0	4178.6	4069.4	3931.4	3810.2	3726.2	3695.0	3711.8
50°	5251.5	5167.5	5082.3	5006.7	4836.3	4717.5	4529.0	4371.8	4239.8	4172.6	4154.6
52.5°	5744.7	5700.3	5654.7	5591.1	5454.3	5335.5	5185.5	5030.7	4855.5	4718.7	4671.9
55°	6185.1	6211.5	6188.7	6189.9	6135.9	6060.3	5933.1	5817.9	5695.5	5540.7	5475.9
57.5°	6827.2	6983.2	7014.4	7092.4	7130.8	7171.6	7207.6	7139.2	7108.0	6992.8	6994.0
60°	7838.8	8066.8	8264.8	8444.9	8592.5	8736.5	8887.7	8954.9	9029.3	9064.1	9182.9
62.5°	8915.3	9132.5	9427.7	9668.9	9804.5	9991.7	10156.2	10263.0	10393.8	10533.0	10714.2
65°	9181.7	9443.3	9629.3	9790.1	9924.5	10024.1	10114.2	10241.4	10350.6	10571.4	10785.0
67.5°	8498.9	8707.7	8878.1	9036.5	9140.9	9224.9	9305.3	9389.3	9576.5	9776.9	9991.7
70°	7295.2	7547.2	7829.2	8034.4	8086.0	8158.0	8234.8	8344.1	8437.7	8647.7	8810.9
72.5°	5861.1	6223.5	6462.4	6746.8	6808.0	6917.2	6960.4	7045.6	7062.4	7176.4	7219.6
75°	4085.0	4500.2	4740.3	4949.1	4989.9	4929.9	4953.9	4652.7	4575.8	4513.4	4463.0
77.5°	2696.5	2808.2	2846.6	2813.0	2652.1	2526.1	2391.7	2259.7	2274.1	2167.3	1980.1
80°	2397.7	2422.9	2388.1	2354.5	2262.1	2130.1	2008.9	1885.3	1824.1	1759.3	1663.3
82.5°	2332.9	2430.1	2440.9	2400.1	2326.9	2182.9	2036.5	1852.9	1696.9	1552.9	1406.5
85°	780.0	949.3	1024.9	1095.7	1117.3	1142.5	1056.1	938.5	796.8	702.0	549.6
87.5°	99.6	123.6	142.8	122.4	142.8	168.0	121.2	135.6	136.8	85.2	63.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9
2.5°	1150.9	1149.7	1149.7	1149.7	1148.5	1149.7	1149.7	1149.7	1149.7	1149.7	1148.5
5°	1177.3	1177.3	1180.9	1182.1	1179.7	1178.5	1179.7	1180.9	1180.9	1179.7	1180.9
7.5°	1226.5	1227.7	1230.1	1233.7	1231.3	1232.5	1233.7	1232.5	1236.1	1237.3	1236.1
10°	1288.9	1291.3	1297.3	1298.5	1297.3	1302.1	1303.3	1300.9	1303.3	1303.3	1308.1
12.5°	1360.9	1363.3	1370.5	1372.9	1375.3	1376.5	1380.1	1381.3	1384.9	1387.3	1390.9
15°	1438.9	1441.3	1446.1	1454.5	1456.9	1459.3	1461.7	1468.9	1470.1	1474.9	1478.5
17.5°	1504.9	1508.5	1515.7	1521.7	1525.3	1531.3	1533.7	1542.1	1544.5	1551.7	1557.7
20°	1557.7	1563.7	1569.7	1576.9	1582.9	1590.1	1592.5	1600.9	1605.7	1609.3	1616.5
22.5°	1605.7	1612.9	1621.3	1629.7	1634.5	1644.1	1647.7	1651.3	1662.1	1666.9	1674.1
25°	1668.1	1675.3	1684.9	1695.7	1700.5	1712.5	1716.1	1722.1	1734.1	1738.9	1749.7
27.5°	1753.3	1762.9	1770.1	1780.9	1786.9	1795.3	1803.7	1810.9	1821.7	1828.9	1840.9
30°	1860.1	1867.3	1879.3	1887.7	1897.3	1909.3	1918.9	1926.1	1932.1	1942.9	1956.1
32.5°	2017.3	2018.5	2022.1	2042.5	2052.1	2061.7	2074.9	2080.9	2090.5	2101.3	2115.7
35°	2212.9	2223.7	2232.1	2241.7	2252.5	2263.3	2268.1	2286.1	2294.5	2308.9	2323.3
37.5°	2407.3	2408.5	2427.7	2433.7	2443.3	2454.1	2470.9	2488.9	2510.5	2524.9	2547.7
40°	2616.1	2625.7	2649.7	2661.7	2673.7	2700.1	2713.3	2742.1	2778.2	2798.6	2837.0
42.5°	2918.6	2933.0	2976.2	2995.4	3024.2	3067.4	3095.0	3134.6	3149.0	3198.2	3216.2
45°	3314.6	3359.0	3421.4	3462.2	3513.8	3560.6	3584.6	3602.6	3624.2	3662.6	3657.8
47.5°	3743.0	3800.6	3870.2	3954.2	3987.8	4043.0	4074.2	4109.0	4089.8	4080.2	4070.6
50°	4182.2	4249.4	4341.8	4417.4	4469.0	4502.6	4529.0	4524.2	4483.4	4461.8	4401.8
52.5°	4670.7	4710.3	4797.9	4862.7	4893.9	4901.1	4895.1	4859.1	4820.7	4752.3	4681.5
55°	5419.5	5401.5	5436.3	5466.3	5456.7	5490.3	5403.9	5370.3	5275.5	5186.7	5091.9
57.5°	6941.2	6965.2	6770.8	6683.2	6667.6	6698.8	6546.4	6527.2	6297.9	6269.1	6109.5
60°	9166.1	9283.7	9131.3	9046.1	8815.7	8740.1	8569.7	8498.9	8279.3	8101.6	7877.2
62.5°	10839.0	10945.8	11009.4	10888.2	10753.8	10555.8	10297.8	10012.1	9779.3	9506.9	9269.3
65°	10990.2	11206.2	11352.6	11409.0	11314.2	11097.0	10779.0	10419.0	10062.5	9720.5	9420.5
67.5°	10283.4	10476.6	10703.4	10906.2	10918.2	10776.6	10505.4	10139.4	9727.7	9305.3	8953.7
70°	9068.9	9311.3	9509.3	9722.9	9871.7	9790.1	9654.5	9318.5	8891.3	8562.5	8158.0
72.5°	7375.6	7477.6	7525.6	7735.6	7738.0	7589.2	7493.2	7307.2	6962.8	6730.0	6421.5
75°	4307.0	4082.6	3843.8	3636.2	3467.0	3396.2	3081.8	3029.0	2817.8	2686.9	2494.9
77.5°	1776.1	1575.7	1317.7	1102.9	890.4	794.4	655.2	594.0	514.8	480.0	457.2
80°	1522.9	1333.3	1138.9	952.9	787.2	621.6	483.6	375.6	295.2	250.8	232.8
82.5°	1243.3	1129.3	993.7	892.8	763.2	639.6	540.0	418.8	313.2	230.4	176.4
85°	448.8	368.4	296.4	272.4	217.2	178.8	150.0	128.4	105.6	84.0	74.4
87.5°	50.4	48.0	27.6	26.4	30.0	21.6	25.2	22.8	19.2	16.8	18.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9	1144.9
2.5°	1148.5	1148.5	1149.7	1149.7	1150.9	1152.1	1154.5	1153.3	1153.3	1154.5	1154.5
5°	1180.9	1184.5	1183.3	1183.3	1183.3	1184.5	1185.7	1180.9	1176.1	1171.3	1168.9
7.5°	1237.3	1239.7	1242.1	1239.7	1242.1	1240.9	1238.5	1225.3	1209.7	1190.5	1177.3
10°	1310.5	1310.5	1312.9	1311.7	1316.5	1312.9	1305.7	1275.7	1242.1	1201.3	1171.3
12.5°	1389.7	1398.1	1394.5	1395.7	1405.3	1395.7	1378.9	1334.5	1274.5	1208.5	1155.7
15°	1483.3	1486.9	1489.3	1485.7	1491.7	1483.3	1453.3	1382.5	1294.9	1202.5	1124.5
17.5°	1560.1	1561.3	1562.5	1564.9	1573.3	1563.7	1512.1	1416.1	1299.7	1174.9	1071.7
20°	1620.1	1626.1	1630.9	1630.9	1642.9	1628.5	1560.1	1432.9	1284.1	1129.3	1004.5
22.5°	1682.5	1687.3	1693.3	1694.5	1710.1	1695.7	1599.7	1429.3	1243.3	1064.5	926.5
25°	1759.3	1764.1	1768.9	1774.9	1796.5	1776.1	1639.3	1414.9	1186.9	987.7	842.4
27.5°	1848.1	1858.9	1862.5	1872.1	1897.3	1866.1	1672.9	1393.3	1124.5	898.8	753.6
30°	1966.9	1980.1	1984.9	1998.1	2032.9	1964.5	1692.1	1356.1	1045.3	808.8	658.8
32.5°	2126.5	2144.5	2158.9	2173.3	2212.9	2062.9	1694.5	1302.1	952.9	708.0	567.6
35°	2335.3	2362.9	2373.7	2383.3	2420.5	2169.7	1683.7	1221.7	840.0	604.8	495.6
37.5°	2569.3	2596.9	2604.1	2608.9	2616.1	2260.9	1657.3	1099.3	712.8	514.8	438.0
40°	2857.4	2881.4	2891.0	2883.8	2845.4	2331.7	1598.5	956.5	589.2	453.6	402.0
42.5°	3209.0	3245.0	3248.6	3216.2	3089.0	2371.3	1480.9	788.4	492.0	409.2	374.4
45°	3644.6	3642.2	3621.8	3599.0	3354.2	2355.7	1316.5	642.0	430.8	374.4	349.2
47.5°	4035.8	3995.0	3963.8	3896.6	3588.2	2264.5	1104.1	531.6	393.6	348.0	327.6
50°	4356.2	4281.8	4215.8	4142.6	3762.2	2102.5	892.8	451.2	358.8	325.2	307.2
52.5°	4609.5	4519.4	4442.6	4370.6	3930.2	1922.5	732.0	392.4	325.2	302.4	284.4
55°	5005.5	4915.5	4793.1	4713.9	4187.0	1756.9	627.6	345.6	292.8	278.4	260.4
57.5°	6007.5	5928.3	5781.9	5576.7	4847.1	1694.5	568.8	309.6	266.4	258.0	243.6
60°	7757.2	7628.8	7438.0	7229.2	6188.7	1736.5	522.0	284.4	248.4	241.2	230.4
62.5°	9077.3	8851.7	8635.7	8442.5	7261.6	1735.3	460.8	265.2	235.2	231.6	220.8
65°	9131.3	8902.1	8684.9	8482.1	7285.6	1544.5	388.8	248.4	232.8	231.6	213.6
67.5°	8646.5	8398.1	8188.0	7932.4	6744.4	1207.3	312.0	237.6	242.4	240.0	211.2
70°	7854.4	7530.4	7357.6	7105.6	5935.5	844.8	256.8	241.2	262.8	255.6	214.8
72.5°	6164.7	5919.9	5657.1	5481.9	4646.7	534.0	216.0	243.6	271.2	259.2	224.4
75°	2294.5	2360.5	2252.5	2214.1	2360.5	313.2	192.0	226.8	242.4	224.4	204.0
77.5°	463.2	442.8	420.0	415.2	536.4	193.2	176.4	196.8	186.0	164.4	165.6
80°	222.0	216.0	208.8	207.6	199.2	160.8	163.2	168.0	140.4	127.2	135.6
82.5°	147.6	139.2	136.8	132.0	134.4	144.0	154.8	144.0	108.0	100.8	122.4
85°	68.4	66.0	64.8	64.8	72.0	129.6	128.4	105.6	74.4	72.0	122.4
87.5°	16.8	16.8	18.0	16.8	19.2	38.4	33.6	32.4	27.6	31.2	57.6
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: P180548

CATALOG NUMBER: ICS-E04-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1144.9	1144.9	1144.9
2.5°	1153.3	1154.5	1153.3
5°	1164.1	1164.1	1164.1
7.5°	1164.1	1160.5	1159.3
10°	1147.3	1136.5	1136.5
12.5°	1118.5	1100.5	1098.1
15°	1064.5	1040.5	1036.9
17.5°	996.1	963.7	957.7
20°	919.2	878.4	871.2
22.5°	835.2	788.4	784.8
25°	752.4	704.4	694.8
27.5°	660.0	613.2	608.4
30°	567.6	526.8	524.4
32.5°	489.6	464.4	459.6
35°	434.4	420.0	414.0
37.5°	398.4	387.6	386.4
40°	370.8	361.2	360.0
42.5°	348.0	339.6	338.4
45°	325.2	318.0	315.6
47.5°	302.4	295.2	294.0
50°	282.0	272.4	271.2
52.5°	262.8	253.2	250.8
55°	244.8	235.2	235.2
57.5°	229.2	219.6	218.4
60°	214.8	205.2	204.0
62.5°	204.0	192.0	190.8
65°	195.6	183.6	181.2
67.5°	190.8	176.4	172.8
70°	199.2	172.8	166.8
72.5°	200.4	169.2	160.8
75°	193.2	159.6	153.6
77.5°	169.2	142.8	136.8
80°	146.4	110.4	102.0
82.5°	139.2	90.0	78.0
85°	108.0	58.8	55.2
87.5°	61.2	32.4	26.4
90°	0.0	0.0	0.0

(END OF REPORT)