

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: P181255

Luminaire Tested: **ICM-E04-LED-E1-T2**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181255  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33671)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-E04-LED-E1-T2  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2  
Light Source: (84) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11400.5 lumens  
Efficiency: N/A  
Efficacy: 117.3 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')  
IES Classification: Type II - Short - Semi-Cutoff  
BUG Rating: B3 - U0 - G3

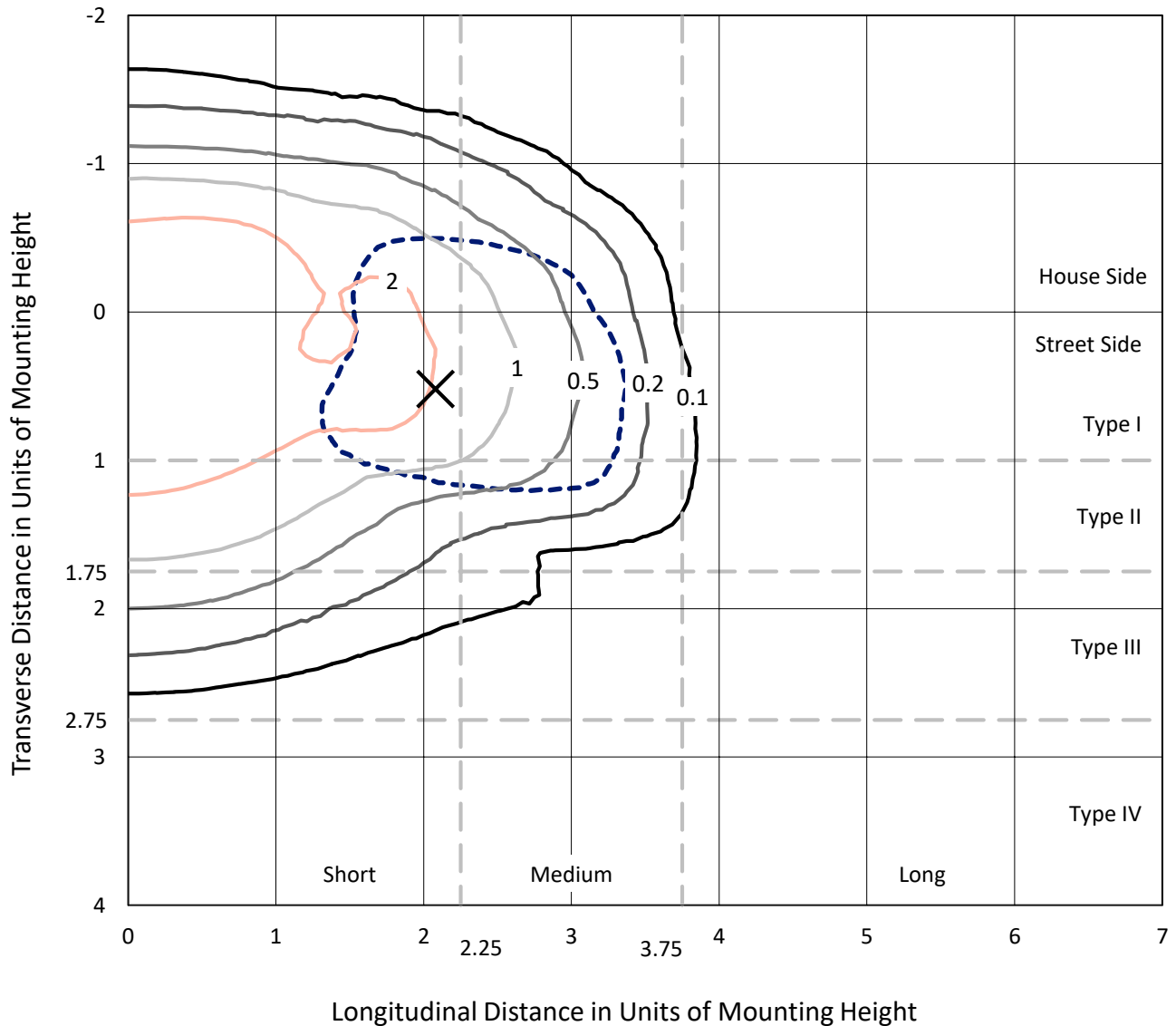
Input Watts (W): 97.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P181255  
 CATALOG NUMBER: ICM-E04-LED-E1-T2

### Iso-Footcandle Lines of Horizontal Illumination

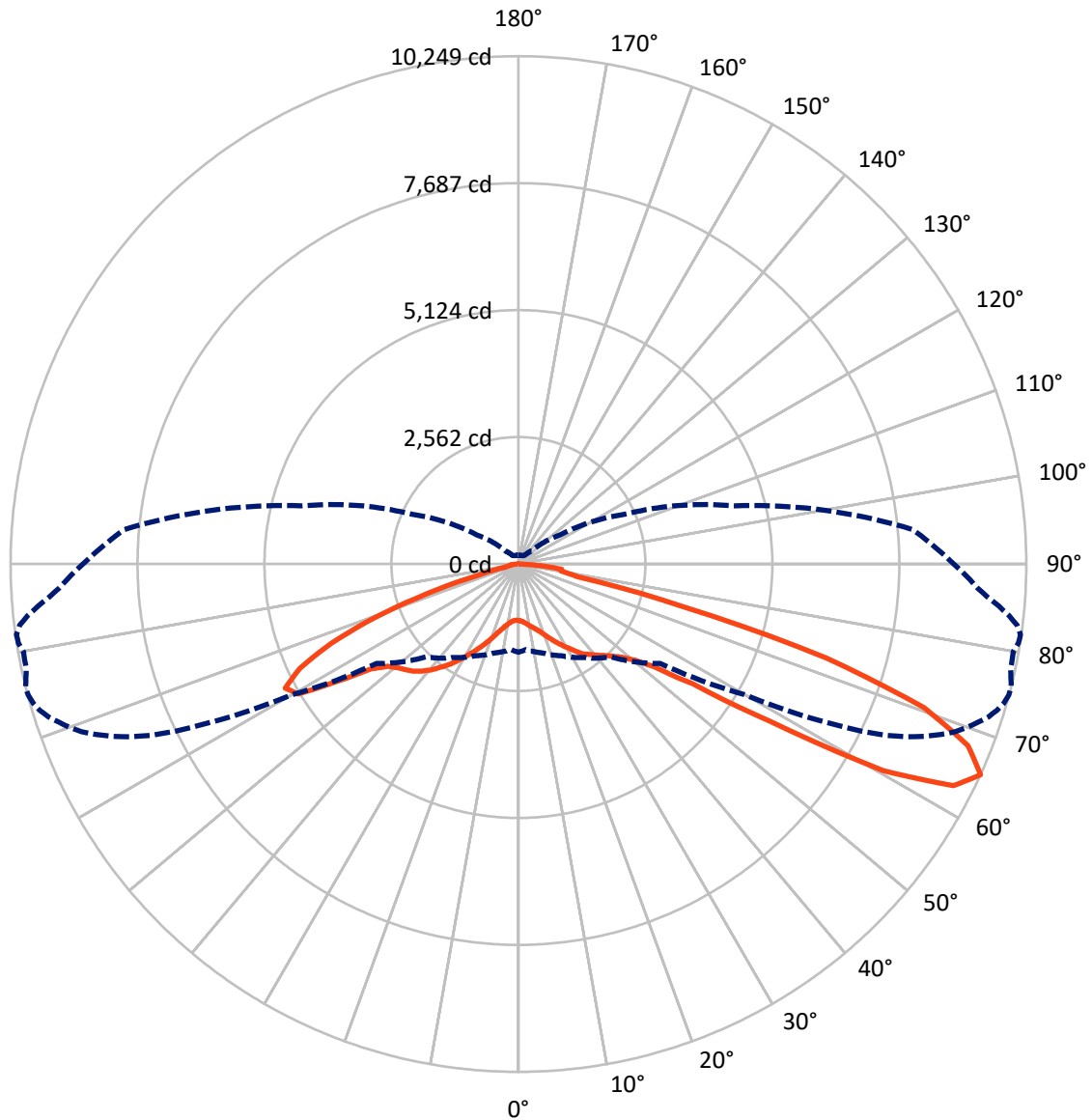
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.5 fc  
 Type II - Short - Semi-Cutoff

REPORT NUMBER: P181255  
CATALOG NUMBER: ICM-E04-LED-E1-T2

### Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P181255

CATALOG NUMBER: ICM-E04-LED-E1-T2

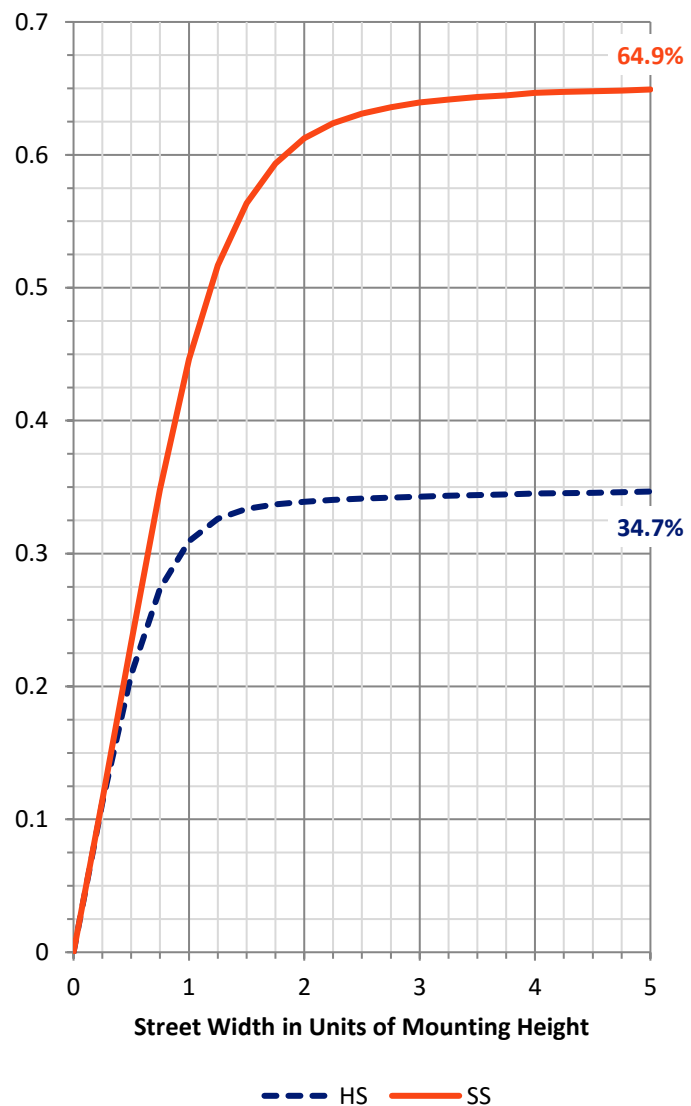
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3992.1	0.0	3992.1
	% Fixture	35.0	0.0	35.0
<b>Street Side</b>	Lumens	7408.3	0.0	7408.3
	% Fixture	65.0	0.0	65.0
<b>Total</b>	Lumens	11400.5	0.0	11400.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	114.1	1.0
10°-20°	392.1	3.4
20°-30°	770.2	6.8
30°-40°	1279.8	11.2
40°-50°	1880.5	16.5
50°-60°	2603.6	22.8
60°-70°	3107.6	27.3
70°-80°	1099.0	9.6
80°-90°	153.6	1.3
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°	11400.5	100.0
0°-180°	11400.5	100.0

**Coefficient of Utilization**



REPORT NUMBER: P181255

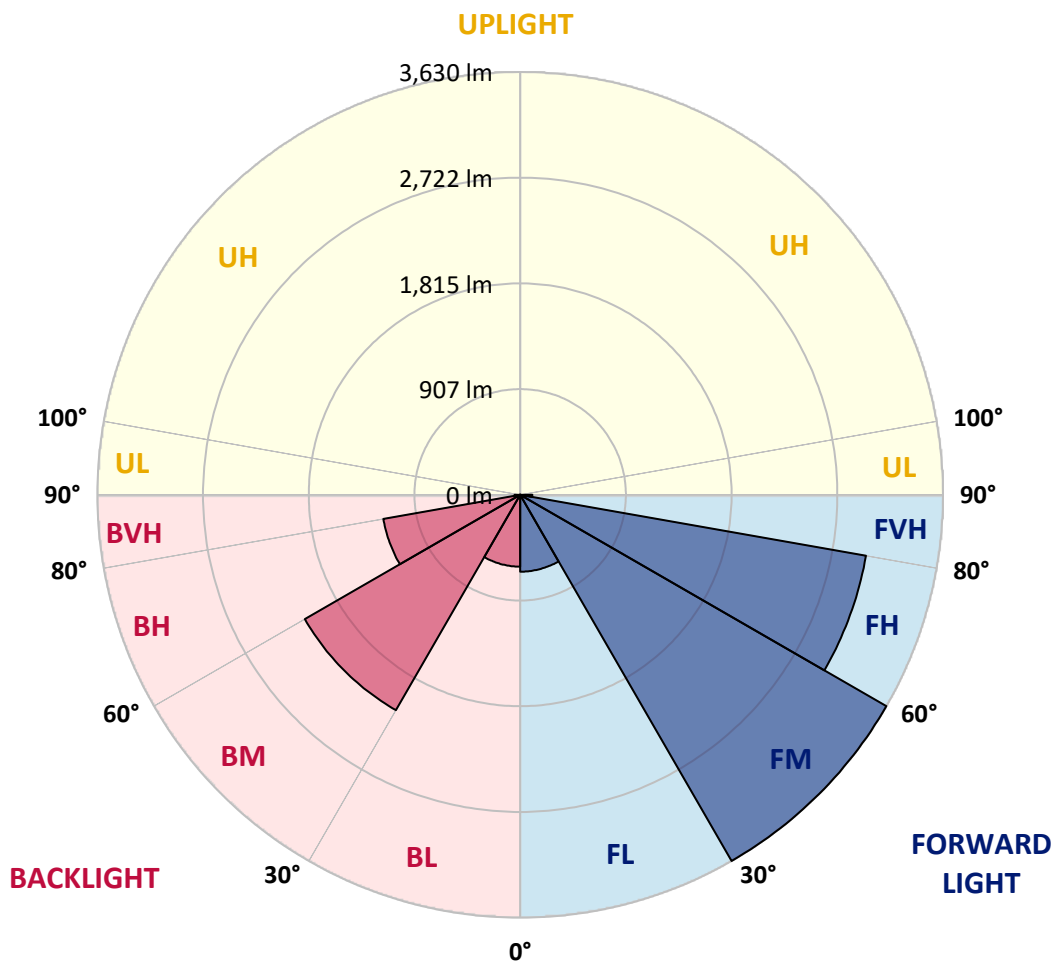
CATALOG NUMBER: ICM-E04-LED-E1-T2

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	659.7	5.8			
FM (30°-60°)	3629.6	31.8			
FH (60°-80°)	3014.1	26.4			G2/5000
FVH (80°-90°)	105.0	0.9			G2/225
BL (0°-30°)	616.8	5.4	B2/1000		
BM (30°-60°)	2134.3	18.7	B2/2500		
BH (60°-80°)	1192.4	10.5	B3/2500		G3/2500
BVH (80°-90°)	48.6	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type II Short





REPORT NUMBER: P181255

CATALOG NUMBER: ICM-E04-LED-E1-T2

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8
2.5°	1189.5	1190.7	1188.2	1187.0	1183.3	1177.0	1172.1	1167.2	1167.2	1167.2	1163.4
5°	1241.6	1244.0	1239.1	1235.4	1224.2	1218.0	1209.3	1203.1	1200.7	1199.4	1195.6
7.5°	1307.3	1303.5	1296.1	1293.7	1284.9	1271.4	1255.2	1242.8	1242.8	1241.6	1242.8
10°	1373.0	1363.1	1359.4	1355.6	1342.1	1324.7	1306.1	1292.4	1291.2	1290.0	1286.2
12.5°	1438.8	1435.1	1431.4	1417.7	1404.0	1376.8	1355.6	1342.1	1340.8	1342.1	1337.0
15°	1525.6	1516.9	1513.2	1489.6	1459.8	1430.1	1404.0	1391.6	1387.9	1389.1	1385.4
17.5°	1592.6	1592.6	1583.9	1557.9	1519.4	1478.4	1451.2	1443.7	1442.5	1442.5	1443.7
20°	1645.9	1644.7	1636.0	1614.9	1569.0	1528.1	1514.4	1511.9	1510.7	1510.7	1514.4
22.5°	1675.6	1673.2	1669.5	1645.9	1610.0	1582.6	1583.9	1591.4	1593.8	1596.3	1601.2
25°	1690.5	1686.8	1685.6	1669.5	1643.5	1639.7	1662.1	1681.9	1686.8	1691.8	1698.0
27.5°	1715.4	1709.1	1711.6	1705.4	1699.3	1710.4	1756.3	1777.4	1781.1	1787.3	1791.0
30°	1783.5	1781.1	1791.0	1793.5	1798.4	1814.6	1856.8	1876.6	1885.3	1885.3	1902.6
32.5°	1913.8	1915.1	1917.5	1943.5	1952.3	1963.5	1985.8	2001.9	2003.1	2004.4	2020.5
35°	2088.7	2096.1	2117.2	2139.5	2160.7	2159.4	2145.8	2154.4	2148.2	2155.6	2156.9
37.5°	2309.5	2299.5	2330.5	2381.4	2413.7	2404.9	2344.2	2304.5	2315.6	2310.7	2307.0
40°	2479.4	2490.5	2550.1	2617.0	2641.9	2669.1	2589.8	2521.6	2511.6	2493.0	2481.9
42.5°	2713.8	2715.1	2763.5	2813.0	2884.9	2944.5	2893.7	2795.6	2765.9	2743.6	2695.2
45°	2930.9	2927.2	2966.8	3027.6	3113.2	3198.8	3217.4	3110.7	3099.6	3059.8	2996.6
47.5°	3076.0	3071.0	3098.3	3177.7	3316.6	3456.8	3533.7	3501.4	3480.3	3464.2	3365.0
50°	3174.0	3164.0	3195.1	3279.4	3434.4	3650.3	3851.2	3878.4	3869.8	3869.8	3806.5
52.5°	3247.2	3247.2	3269.5	3337.7	3495.2	3764.4	4124.0	4261.7	4272.9	4285.3	4281.6
55°	3206.3	3212.4	3268.2	3367.5	3533.7	3843.7	4349.8	4651.2	4713.2	4765.3	4824.9
57.5°	3066.1	3087.2	3161.6	3324.0	3543.6	3903.3	4600.3	5197.0	5371.8	5523.1	5758.8
60°	2861.4	2888.7	2996.6	3203.7	3470.4	3806.5	4688.4	5658.4	5936.1	6266.1	6881.3
62.5°	2510.4	2537.7	2643.1	2850.2	3078.4	3435.6	4323.7	5726.5	6170.5	6638.2	7568.4
65°	1778.6	1735.2	1856.8	2042.8	2304.5	2650.5	3494.0	5268.9	5907.7	6541.4	7690.0
67.5°	991.0	987.3	1061.7	1200.7	1451.2	1823.3	2407.5	4041.0	4628.9	5347.0	6757.3
70°	683.4	690.9	738.0	888.1	1095.2	1416.5	1715.4	2537.7	2960.7	3448.1	4834.7
72.5°	480.0	496.1	522.1	611.4	823.5	1193.2	1752.6	1516.9	1727.7	2060.2	2907.3
75°	281.6	292.7	311.4	354.7	468.8	797.5	1814.6	1333.3	1333.3	1411.5	1758.8
77.5°	173.7	173.7	184.8	202.1	249.3	390.7	1292.4	1498.3	1456.1	1411.5	1415.2
80°	89.3	95.5	111.6	120.3	138.9	178.6	580.5	1397.9	1533.0	1623.5	1560.3
82.5°	40.9	45.9	68.2	73.2	80.7	94.2	199.7	795.1	1065.4	1402.8	1752.6
85°	21.1	21.1	36.0	44.7	48.4	43.4	73.2	321.2	486.2	741.7	1160.9
87.5°	3.7	3.7	6.2	7.4	11.2	10.0	12.4	18.6	31.0	33.5	34.7
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: P181255

CATALOG NUMBER: ICM-E04-LED-E1-T2

**CANDELA DISTRIBUTION (continued):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8
2.5°	1162.1	1163.4	1162.1	1160.9	1158.4	1158.4	1158.4	1157.2	1157.2	1157.2	1156.0
5°	1195.6	1190.7	1191.9	1189.5	1188.2	1187.0	1188.2	1185.8	1183.3	1184.5	1183.3
7.5°	1237.9	1235.4	1230.4	1230.4	1229.1	1226.7	1226.7	1223.0	1221.7	1219.3	1218.0
10°	1284.9	1278.8	1281.2	1278.8	1280.0	1275.1	1272.6	1270.1	1267.6	1267.6	1268.8
12.5°	1333.3	1332.1	1328.4	1325.9	1325.9	1322.1	1323.4	1322.1	1318.4	1317.2	1313.5
15°	1383.0	1383.0	1379.3	1380.5	1379.3	1376.8	1374.2	1374.2	1371.8	1369.3	1370.5
17.5°	1441.2	1441.2	1441.2	1441.2	1442.5	1438.8	1440.0	1437.5	1435.1	1440.0	1440.0
20°	1516.9	1521.9	1521.9	1520.7	1526.8	1523.1	1521.9	1528.1	1521.9	1530.5	1529.3
22.5°	1603.7	1608.7	1608.7	1613.7	1614.9	1618.6	1621.1	1618.6	1623.5	1628.6	1628.6
25°	1700.5	1705.4	1709.1	1716.6	1720.3	1717.9	1719.1	1725.3	1727.7	1732.8	1737.7
27.5°	1802.2	1803.5	1808.4	1817.0	1823.3	1825.8	1827.0	1836.9	1838.2	1840.7	1845.6
30°	1901.4	1913.8	1911.4	1922.5	1926.2	1930.0	1937.4	1941.1	1949.8	1954.7	1954.7
32.5°	2018.0	2015.5	2025.4	2034.2	2040.3	2046.5	2052.8	2057.7	2062.6	2065.1	2077.5
35°	2163.1	2168.1	2168.1	2169.3	2184.2	2185.4	2190.4	2201.6	2205.3	2212.8	2217.7
37.5°	2307.0	2298.3	2297.0	2297.0	2292.1	2295.8	2297.0	2298.3	2303.3	2304.5	2309.5
40°	2468.2	2457.0	2447.2	2440.9	2431.0	2417.4	2414.9	2408.7	2412.4	2411.2	2412.4
42.5°	2689.0	2658.0	2634.4	2617.0	2597.2	2582.3	2571.2	2555.1	2543.9	2530.2	2527.7
45°	2970.5	2912.3	2872.6	2844.0	2815.6	2774.6	2751.0	2726.2	2703.9	2681.6	2663.0
47.5°	3340.2	3278.2	3214.9	3162.8	3118.2	3052.4	2985.4	2948.2	2904.9	2866.3	2839.1
50°	3775.6	3701.1	3671.4	3598.2	3542.3	3443.1	3360.0	3299.3	3212.4	3154.2	3103.3
52.5°	4220.8	4202.2	4186.1	4124.0	4058.4	4001.2	3928.1	3821.4	3733.3	3666.3	3562.2
55°	4827.3	4836.0	4829.8	4796.3	4772.8	4718.2	4688.4	4595.4	4555.7	4458.9	4349.8
57.5°	5848.1	5917.5	6005.6	6040.3	6087.5	6042.8	6094.9	6158.2	6000.7	6055.2	5957.2
60°	7151.7	7470.5	7660.2	7893.4	8045.9	8259.3	8297.7	8353.5	8337.4	8368.4	8431.7
62.5°	7948.0	8326.3	8689.6	8953.8	9236.6	9392.9	9581.5	9712.9	9849.4	9941.2	9915.1
65°	8182.4	8571.9	8901.7	9190.8	9443.8	9634.8	9809.6	9974.7	10099.9	10188.0	10240.1
67.5°	7321.6	7830.1	8177.4	8516.1	8842.2	9043.1	9189.5	9349.5	9533.1	9685.6	9715.4
70°	5509.5	6272.3	6764.7	7170.3	7553.5	7824.0	8028.6	8177.4	8320.1	8429.2	8548.2
72.5°	3445.6	4112.9	4676.0	5201.9	5608.7	5980.8	6153.2	6483.1	6439.8	6522.8	6612.1
75°	2065.1	2390.1	2700.2	3071.0	3284.4	3594.4	3650.3	3704.9	3676.3	3583.3	3652.8
77.5°	1435.1	1488.4	1485.9	1464.8	1442.5	1387.9	1317.2	1278.8	1252.8	1215.5	1230.4
80°	1443.7	1328.4	1152.3	968.7	800.0	688.4	643.7	643.7	689.6	755.4	821.1
82.5°	1725.3	1602.5	1428.8	1195.6	947.6	771.4	653.7	606.5	615.2	682.1	766.5
85°	1163.4	1190.7	1044.4	955.1	756.6	589.1	493.7	400.7	354.7	365.9	414.2
87.5°	42.1	50.9	18.6	24.8	17.4	14.9	14.9	16.1	11.2	13.7	12.4
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: P181255  
 CATALOG NUMBER: ICM-E04-LED-E1-T2

**CANDELA DISTRIBUTION (continued):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8
2.5°	1154.7	1153.5	1153.5	1151.0	1151.0	1149.8	1149.8	1148.6	1147.3	1147.3	1146.1
5°	1182.1	1180.8	1178.3	1177.0	1174.6	1174.6	1173.3	1170.9	1170.9	1168.4	1167.2
7.5°	1220.5	1218.0	1215.5	1214.2	1213.0	1209.3	1209.3	1206.8	1206.8	1204.4	1203.1
10°	1266.3	1263.9	1261.4	1262.6	1258.9	1257.7	1255.2	1255.2	1251.4	1250.2	1250.2
12.5°	1316.0	1314.7	1314.7	1311.0	1309.8	1308.6	1303.5	1303.5	1303.5	1301.1	1302.3
15°	1369.3	1370.5	1366.8	1370.5	1369.3	1365.6	1365.6	1365.6	1360.7	1366.8	1361.9
17.5°	1441.2	1444.9	1442.5	1443.7	1441.2	1441.2	1442.5	1441.2	1443.7	1443.7	1451.2
20°	1530.5	1531.8	1538.0	1535.5	1535.5	1534.2	1536.8	1538.0	1543.0	1540.5	1545.4
22.5°	1628.6	1634.7	1636.0	1640.9	1640.9	1639.7	1642.1	1647.2	1649.6	1653.3	1652.1
25°	1740.2	1743.9	1748.8	1742.6	1752.6	1752.6	1755.1	1761.2	1762.5	1762.5	1771.2
27.5°	1844.4	1854.2	1855.5	1861.7	1858.0	1860.5	1869.1	1872.8	1877.9	1877.9	1880.3
30°	1962.2	1965.9	1968.4	1975.8	1974.6	1975.8	1977.0	1983.3	1983.3	1989.5	1995.6
32.5°	2083.7	2086.2	2088.7	2096.1	2098.6	2103.5	2101.1	2106.1	2112.3	2113.5	2117.2
35°	2228.9	2231.4	2233.8	2244.9	2246.2	2254.9	2257.4	2254.9	2264.9	2258.6	2264.9
37.5°	2313.2	2324.4	2326.8	2334.2	2331.8	2338.0	2341.7	2346.7	2349.1	2354.2	2364.0
40°	2416.1	2419.8	2427.3	2431.0	2436.0	2437.2	2442.2	2445.9	2449.6	2460.8	2471.9
42.5°	2521.6	2526.5	2530.2	2535.2	2541.4	2546.3	2550.1	2561.2	2563.7	2571.2	2592.3
45°	2649.3	2646.8	2648.1	2649.3	2651.8	2658.0	2669.1	2680.3	2687.7	2705.1	2722.5
47.5°	2808.1	2791.9	2785.8	2775.8	2778.3	2791.9	2794.4	2813.0	2827.9	2844.0	2865.1
50°	3048.7	3005.3	2979.3	2953.2	2950.7	2958.2	2968.1	2987.9	3005.3	3026.3	3056.1
52.5°	3453.0	3370.0	3317.9	3245.9	3226.1	3222.3	3214.9	3226.1	3231.0	3259.6	3315.4
55°	4271.7	4117.9	4018.6	3907.0	3802.8	3771.8	3712.3	3724.7	3712.3	3729.6	3812.8
57.5°	5980.8	5858.0	5761.2	5618.6	5440.0	5250.3	5203.1	5008.4	5046.8	5158.5	5086.5
60°	8462.7	8418.0	8348.6	8280.3	8036.0	7898.4	7673.8	7649.1	7491.5	7492.8	7389.8
62.5°	9851.9	9908.9	9866.8	9846.9	9833.3	9789.8	9678.2	9544.2	9343.3	9198.2	8984.9
65°	10248.7	10200.3	10154.5	10148.2	10144.5	10215.2	10231.4	10137.1	9954.8	9729.1	9483.5
67.5°	9786.1	9758.9	9761.3	9709.2	9741.5	9864.2	9949.8	9923.8	9756.3	9483.5	9170.9
70°	8684.7	8631.4	8685.9	8754.2	8802.6	8873.3	8958.8	8979.9	8827.3	8547.0	8228.2
72.5°	6503.0	6511.7	6563.8	6582.4	6777.1	6757.3	6834.2	6583.6	6473.2	6206.5	6042.8
75°	3422.1	3366.3	3511.4	3203.7	3077.2	3165.3	2918.4	2681.6	2731.2	2772.1	2476.9
77.5°	1209.3	1131.2	998.4	945.1	786.3	666.1	544.5	491.2	462.6	447.7	429.1
80°	868.2	893.0	865.8	801.2	680.9	545.8	430.4	339.8	291.4	265.4	248.1
82.5°	878.1	976.1	1019.5	1000.9	891.8	674.7	445.3	284.0	210.9	176.1	163.7
85°	471.4	516.0	496.1	418.0	375.8	224.5	153.8	103.0	86.8	79.3	73.2
87.5°	18.6	14.9	12.4	12.4	13.7	14.9	12.4	13.7	12.4	12.4	12.4
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: P181255

CATALOG NUMBER: ICM-E04-LED-E1-T2

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8	1139.8
2.5°	1143.5	1143.5	1143.5	1142.3	1139.8	1133.7	1127.4	1122.5	1118.8	1115.1	1110.1
5°	1165.9	1163.4	1163.4	1163.4	1153.5	1143.5	1134.9	1126.2	1118.8	1112.6	1107.6
7.5°	1203.1	1201.9	1196.9	1195.6	1188.2	1172.1	1162.1	1147.3	1138.6	1130.0	1127.4
10°	1247.7	1246.5	1245.3	1244.0	1234.1	1218.0	1205.6	1191.9	1179.5	1167.2	1154.7
12.5°	1299.8	1298.6	1297.4	1293.7	1290.0	1281.2	1267.6	1252.8	1237.9	1211.8	1198.1
15°	1364.4	1366.8	1364.4	1363.1	1360.7	1361.9	1353.2	1332.1	1308.6	1275.1	1246.5
17.5°	1450.0	1447.5	1446.2	1451.2	1450.0	1456.1	1453.7	1426.3	1390.4	1337.0	1287.4
20°	1544.2	1544.2	1549.1	1552.8	1564.0	1580.2	1572.8	1539.3	1473.5	1399.1	1334.6
22.5°	1657.0	1659.5	1664.5	1662.1	1679.4	1705.4	1707.9	1660.8	1575.2	1472.3	1381.7
25°	1774.9	1777.4	1772.4	1779.8	1808.4	1845.6	1853.0	1786.1	1673.2	1539.3	1421.4
27.5°	1886.5	1889.0	1889.0	1898.9	1926.2	1989.5	1996.9	1922.5	1772.4	1597.5	1450.0
30°	1995.6	2005.6	2008.1	2010.5	2051.5	2139.5	2155.6	2047.7	1859.3	1640.9	1469.8
32.5°	2133.3	2137.0	2142.1	2148.2	2195.4	2303.3	2303.3	2155.6	1915.1	1668.2	1473.5
35°	2280.9	2282.2	2293.3	2294.6	2361.6	2469.5	2448.4	2244.9	1954.7	1662.1	1446.2
37.5°	2370.2	2375.2	2386.3	2401.2	2471.9	2624.5	2576.1	2321.9	1962.2	1621.1	1384.2
40°	2480.7	2490.5	2501.7	2516.6	2622.1	2782.1	2684.0	2370.2	1931.2	1540.5	1291.2
42.5°	2599.7	2613.3	2630.7	2658.0	2783.3	2920.9	2765.9	2377.7	1860.5	1450.0	1180.8
45°	2733.7	2758.4	2778.3	2810.5	2951.9	3041.2	2815.6	2334.2	1771.2	1330.9	1063.0
47.5°	2888.7	2908.6	2943.3	2978.0	3119.4	3123.1	2820.5	2250.0	1649.6	1211.8	937.7
50°	3079.7	3092.1	3144.2	3165.3	3298.0	3208.7	2784.5	2135.8	1521.9	1077.9	798.8
52.5°	3334.0	3351.4	3418.3	3450.5	3544.9	3325.3	2733.7	2011.8	1375.5	927.7	656.1
55°	3836.3	3911.9	3959.1	4014.9	4075.7	3589.5	2711.4	1879.1	1210.5	754.1	519.7
57.5°	5246.5	5221.7	5325.9	5452.4	5451.2	4193.5	2845.3	1764.9	1015.8	576.7	399.4
60°	7347.7	7371.2	7317.9	7393.5	7152.9	4942.6	3028.9	1644.7	796.3	429.1	305.1
62.5°	8909.2	8772.8	8697.1	8607.8	8078.2	5024.5	2894.9	1397.9	579.3	301.4	234.4
65°	9278.8	9118.8	8956.3	8786.4	7987.7	4529.6	2375.2	1025.8	374.6	207.2	186.0
67.5°	8914.2	8657.4	8450.3	8275.4	7319.1	3754.4	1736.5	630.1	214.6	167.4	158.8
70°	7969.1	7685.0	7350.1	7154.2	6163.1	2767.2	1112.6	339.8	164.9	148.8	145.1
72.5°	5833.2	5600.0	5234.2	5009.6	4425.4	1681.9	621.4	191.0	153.8	142.6	137.7
75°	2272.3	2150.7	1998.2	2010.5	1794.7	744.2	281.6	164.9	150.0	140.2	135.2
77.5°	390.7	380.7	352.3	352.3	400.7	271.6	187.3	166.2	148.8	137.7	129.0
80°	234.4	229.5	218.3	215.8	208.4	191.0	179.8	168.7	146.3	130.2	119.1
82.5°	153.8	147.6	143.9	142.6	155.1	167.4	168.7	167.4	138.9	112.8	96.7
85°	65.8	65.8	65.8	67.0	89.3	135.2	138.9	148.8	114.1	88.1	69.5
87.5°	11.2	13.7	13.7	14.9	16.1	29.8	37.2	48.4	38.4	37.2	33.5
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: P181255

CATALOG NUMBER: ICM-E04-LED-E1-T2

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	1139.8	1139.8	1139.8
2.5°	1108.8	1106.3	1106.3
5°	1105.1	1102.6	1103.9
7.5°	1120.0	1115.1	1116.3
10°	1147.3	1142.3	1139.8
12.5°	1182.1	1175.8	1175.8
15°	1218.0	1203.1	1201.9
17.5°	1247.7	1229.1	1226.7
20°	1281.2	1256.5	1252.8
22.5°	1312.3	1278.8	1273.8
25°	1334.6	1293.7	1287.4
27.5°	1344.5	1296.1	1291.2
30°	1351.9	1297.4	1290.0
32.5°	1344.5	1286.2	1280.0
35°	1303.5	1240.3	1236.6
37.5°	1232.8	1162.1	1157.2
40°	1139.8	1065.4	1053.0
42.5°	1020.8	951.4	937.7
45°	905.4	826.1	819.8
47.5°	781.4	705.8	709.5
50°	651.2	583.0	581.7
52.5°	527.2	467.6	463.9
55°	415.5	373.3	369.6
57.5°	328.7	306.3	302.6
60°	267.9	256.7	253.0
62.5°	215.8	212.1	210.9
65°	179.8	179.8	179.8
67.5°	156.3	157.5	157.5
70°	143.9	145.1	143.9
72.5°	138.9	142.6	142.6
75°	135.2	137.7	132.7
77.5°	132.7	134.0	125.3
80°	131.4	130.2	114.1
82.5°	114.1	110.4	96.7
85°	104.2	79.3	67.0
87.5°	53.3	37.2	28.6
90°	0.0	0.0	0.0

(END OF REPORT)