

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: P181308

Luminaire Tested: **ICS-E04-LED-E1-T2-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181308
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: ICS-E04-LED-E1-T2-7030
Description: ICON SITE SMALL LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (84) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10074.7 lumens
Efficiency: N/A
Efficacy: 103.6 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 (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

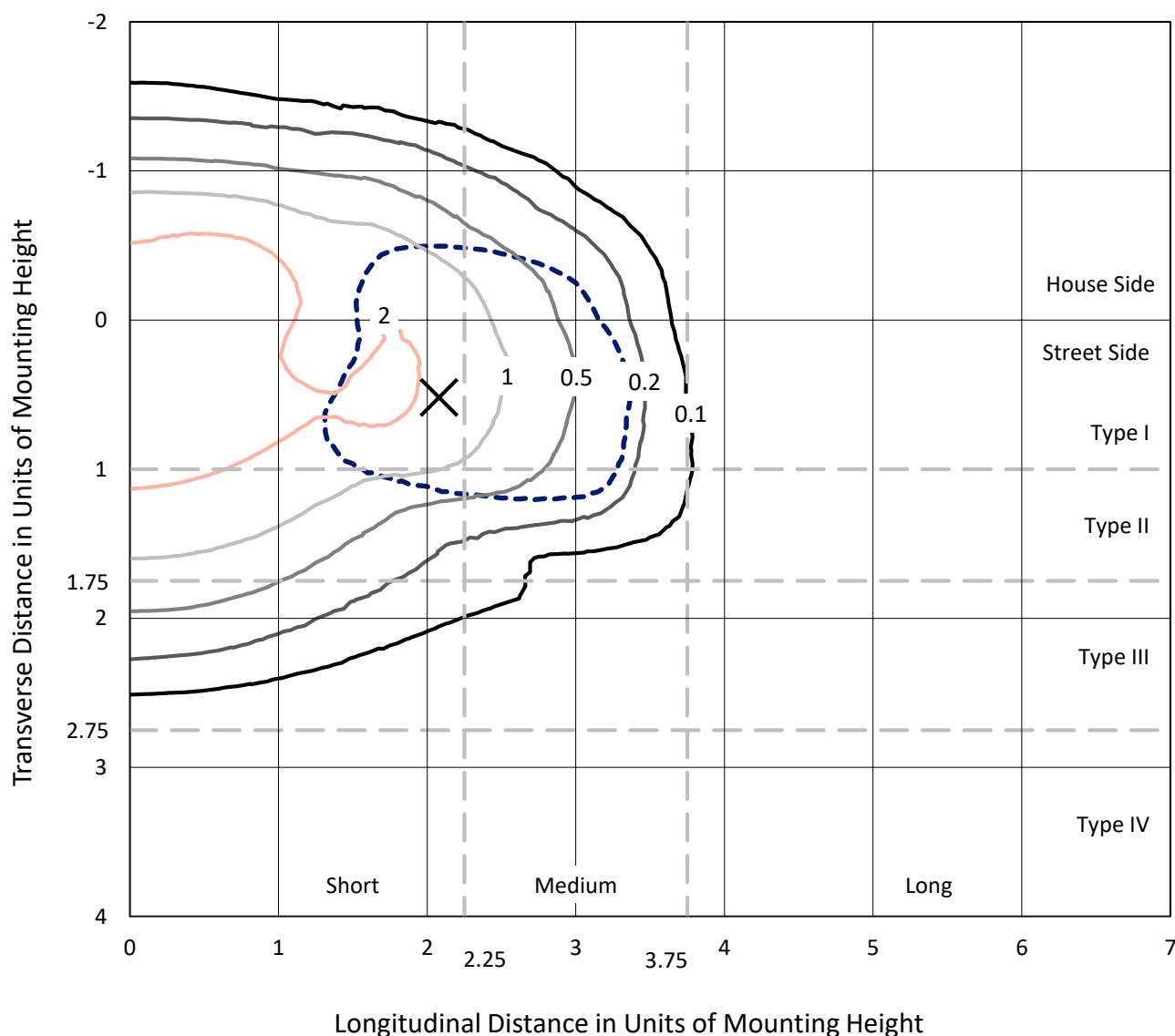


REPORT NUMBER: P181308

CATALOG NUMBER: ICS-E04-LED-E1-T2-7030

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

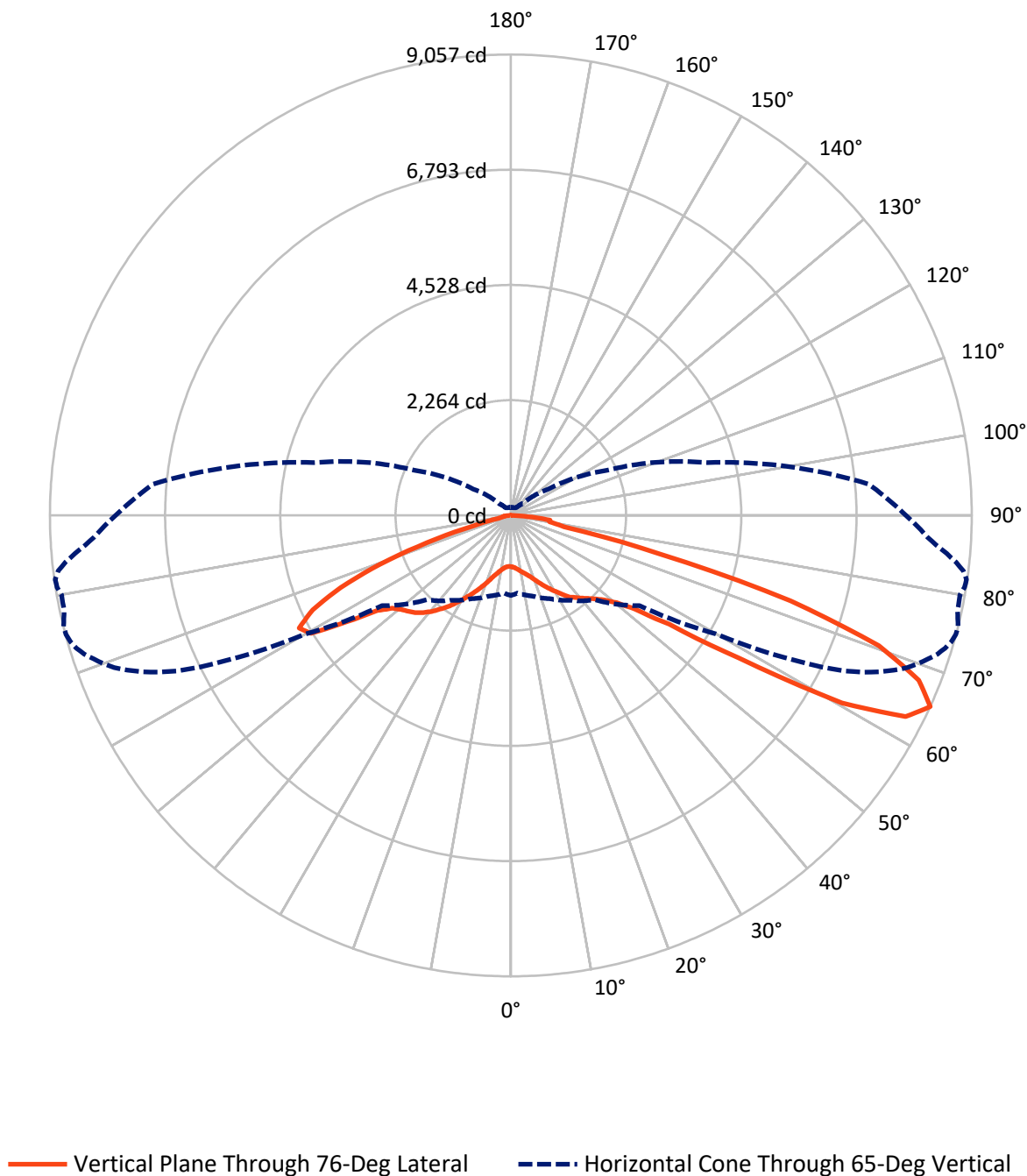


Based on 20 foot mounting height. Maximum calculated value = 3.1 fc
 Type II - Short - Semi-Cutoff

REPORT NUMBER: P181308

CATALOG NUMBER: ICS-E04-LED-E1-T2-7030

Luminous Intensity Polar Plot



REPORT NUMBER: P181308

CATALOG NUMBER: ICS-E04-LED-E1-T2-7030

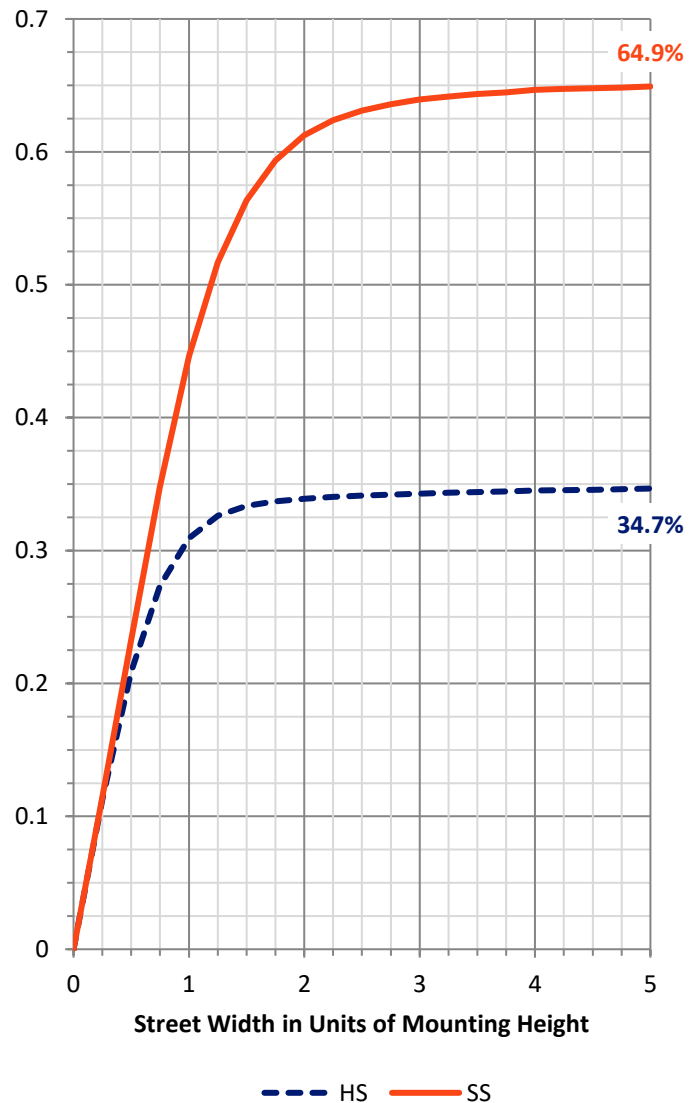
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3527.9	0.0	3527.9
	% Fixture	35.0	0.0	35.0
Street Side	Lumens	6546.8	0.0	6546.8
	% Fixture	65.0	0.0	65.0
Total	Lumens	10074.7	0.0	10074.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.9	1.0
10°-20°	346.5	3.4
20°-30°	680.7	6.8
30°-40°	1131.0	11.2
40°-50°	1661.8	16.5
50°-60°	2300.8	22.8
60°-70°	2746.2	27.3
70°-80°	971.2	9.6
80°-90°	135.7	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°	10074.7	100.0
0°-180°	10074.7	100.0

Coefficient of Utilization



REPORT NUMBER: P181308

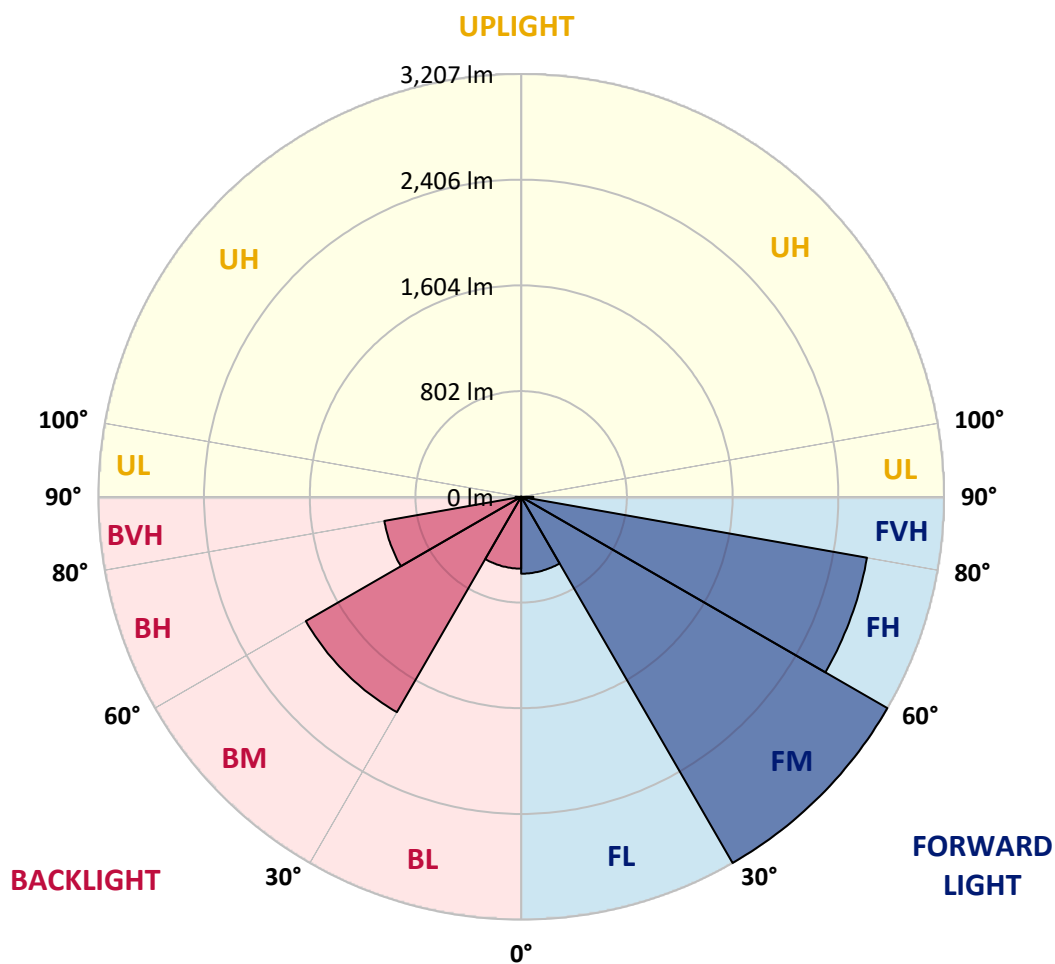
CATALOG NUMBER: ICS-E04-LED-E1-T2-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	582.9	5.8			
FM	(30°-60°)	3207.5	31.8			
FH	(60°-80°)	2663.6	26.4			G2/5000
FVH	(80°-90°)	92.8	0.9			G1/100
BL	(0°-30°)	545.0	5.4	B2/1000		
BM	(30°-60°)	1886.1	18.7	B2/2500		
BH	(60°-80°)	1053.8	10.5	B3/2500		G3/2500
BVH	(80°-90°)	42.9	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: P181308

CATALOG NUMBER: ICS-E04-LED-E1-T2-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3
2.5°	1051.1	1052.2	1050.0	1048.9	1045.7	1040.2	1035.8	1031.4	1031.4	1031.4	1028.1
5°	1097.2	1099.4	1095.0	1091.7	1081.8	1076.4	1068.7	1063.2	1061.0	1059.9	1056.6
7.5°	1155.3	1152.0	1145.4	1143.2	1135.5	1123.5	1109.2	1098.3	1098.3	1097.2	1098.3
10°	1213.4	1204.6	1201.3	1198.0	1186.0	1170.6	1154.2	1142.1	1141.0	1139.9	1136.6
12.5°	1271.5	1268.2	1264.9	1252.8	1240.8	1216.6	1198.0	1186.0	1184.9	1186.0	1181.6
15°	1348.2	1340.5	1337.2	1316.4	1290.1	1263.8	1240.8	1229.8	1226.5	1227.6	1224.3
17.5°	1407.4	1407.4	1399.7	1376.7	1342.7	1306.5	1282.4	1275.8	1274.7	1274.7	1275.8
20°	1454.5	1453.4	1445.7	1427.1	1386.5	1350.4	1338.3	1336.1	1335.0	1335.0	1338.3
22.5°	1480.8	1478.6	1475.3	1454.5	1422.7	1398.6	1399.7	1406.3	1408.5	1410.7	1415.0
25°	1494.0	1490.7	1489.6	1475.3	1452.3	1449.0	1468.7	1486.3	1490.7	1495.1	1500.5
27.5°	1515.9	1510.4	1512.6	1507.1	1501.6	1511.5	1552.0	1570.7	1574.0	1579.5	1582.7
30°	1576.2	1574.0	1582.7	1584.9	1589.3	1603.6	1640.8	1658.4	1666.0	1666.0	1681.4
32.5°	1691.3	1692.3	1694.5	1717.6	1725.2	1735.1	1754.8	1769.1	1770.2	1771.3	1785.5
35°	1845.8	1852.4	1871.0	1890.7	1909.4	1908.3	1896.2	1903.9	1898.4	1905.0	1906.1
37.5°	2040.9	2032.1	2059.5	2104.5	2133.0	2125.3	2071.6	2036.5	2046.4	2042.0	2038.7
40°	2191.1	2200.9	2253.5	2312.7	2334.7	2358.8	2288.6	2228.3	2219.6	2203.1	2193.3
42.5°	2398.2	2399.3	2442.1	2485.9	2549.5	2602.1	2557.2	2470.6	2444.3	2424.5	2381.8
45°	2590.0	2586.7	2621.8	2675.5	2751.2	2826.8	2843.2	2749.0	2739.1	2704.0	2648.1
47.5°	2718.3	2713.9	2738.0	2808.2	2930.9	3054.8	3122.7	3094.2	3075.6	3061.4	2973.7
50°	2804.9	2796.1	2823.5	2898.0	3035.0	3225.8	3403.3	3427.4	3419.8	3419.8	3363.9
52.5°	2869.5	2869.5	2889.3	2949.6	3088.8	3326.6	3644.5	3766.1	3776.0	3787.0	3783.7
55°	2833.4	2838.8	2888.2	2975.9	3122.7	3396.8	3844.0	4110.3	4165.1	4211.1	4263.8
57.5°	2709.5	2728.1	2793.9	2937.5	3131.5	3449.4	4065.4	4592.6	4747.1	4880.8	5089.1
60°	2528.7	2552.8	2648.1	2831.2	3066.8	3363.9	4143.2	5000.3	5245.8	5537.4	6081.1
62.5°	2218.5	2242.6	2335.7	2518.8	2720.5	3036.1	3820.9	5060.6	5453.0	5866.2	6688.3
65°	1571.8	1533.4	1640.8	1805.2	2036.5	2342.3	3087.7	4656.1	5220.6	5780.7	6795.7
67.5°	875.8	872.5	938.2	1061.0	1282.4	1611.2	2127.5	3571.0	4090.6	4725.2	5971.4
70°	603.9	610.5	652.2	784.8	967.8	1251.7	1515.9	2242.6	2616.3	3047.1	4272.5
72.5°	424.2	438.4	461.4	540.4	727.8	1054.4	1548.8	1340.5	1526.8	1820.6	2569.2
75°	248.8	258.7	275.1	313.5	414.3	704.8	1603.6	1178.3	1178.3	1247.3	1554.2
77.5°	153.5	153.5	163.3	178.7	220.3	345.3	1142.1	1324.1	1286.8	1247.3	1250.6
80°	78.9	84.4	98.6	106.3	122.8	157.8	513.0	1235.3	1354.8	1434.8	1378.9
82.5°	36.2	40.6	60.3	64.7	71.2	83.3	176.5	702.6	941.5	1239.7	1548.8
85°	18.6	18.6	31.8	39.5	42.7	38.4	64.7	283.9	429.7	655.5	1025.9
87.5°	3.3	3.3	5.5	6.6	9.9	8.8	11.0	16.4	27.4	29.6	30.7
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: P181308

CATALOG NUMBER: ICS-E04-LED-E1-T2-7030

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3
2.5°	1027.0	1028.1	1027.0	1025.9	1023.7	1023.7	1023.7	1022.6	1022.6	1022.6	1021.5
5°	1056.6	1052.2	1053.3	1051.1	1050.0	1048.9	1050.0	1047.9	1045.7	1046.8	1045.7
7.5°	1093.9	1091.7	1087.3	1087.3	1086.2	1084.0	1084.0	1080.7	1079.6	1077.4	1076.4
10°	1135.5	1130.1	1132.3	1130.1	1131.2	1126.8	1124.6	1122.4	1120.2	1120.2	1121.3
12.5°	1178.3	1177.2	1173.9	1171.7	1171.7	1168.4	1169.5	1168.4	1165.1	1164.0	1160.7
15°	1222.1	1222.1	1218.8	1219.9	1218.8	1216.6	1214.5	1214.5	1212.3	1210.1	1211.2
17.5°	1273.6	1273.6	1273.6	1273.6	1274.7	1271.5	1272.5	1270.4	1268.2	1272.5	1272.5
20°	1340.5	1344.9	1344.9	1343.8	1349.3	1346.0	1344.9	1350.4	1344.9	1352.6	1351.5
22.5°	1417.2	1421.6	1421.6	1426.0	1427.1	1430.4	1432.6	1430.4	1434.8	1439.2	1439.2
25°	1502.7	1507.1	1510.4	1517.0	1520.3	1518.1	1519.2	1524.6	1526.8	1531.2	1535.6
27.5°	1592.6	1593.7	1598.1	1605.8	1611.2	1613.4	1614.5	1623.3	1624.4	1626.6	1631.0
30°	1680.3	1691.3	1689.1	1698.9	1702.2	1705.5	1712.1	1715.4	1723.0	1727.4	1727.4
32.5°	1783.3	1781.1	1789.9	1797.6	1803.1	1808.5	1814.0	1818.4	1822.8	1825.0	1835.9
35°	1911.6	1915.9	1915.9	1917.0	1930.2	1931.3	1935.7	1945.5	1948.8	1955.4	1959.8
37.5°	2038.7	2031.0	2029.9	2029.9	2025.6	2028.8	2029.9	2031.0	2035.4	2036.5	2040.9
40°	2181.2	2171.3	2162.6	2157.1	2148.3	2136.3	2134.1	2128.6	2131.9	2130.8	2131.9
42.5°	2376.3	2348.9	2328.1	2312.7	2295.2	2282.0	2272.2	2257.9	2248.1	2236.0	2233.8
45°	2625.1	2573.6	2538.5	2513.3	2488.1	2451.9	2431.1	2409.2	2389.5	2369.7	2353.3
47.5°	2951.7	2896.9	2841.0	2795.0	2755.5	2697.5	2638.3	2605.4	2567.0	2533.0	2508.9
50°	3336.5	3270.7	3244.4	3179.7	3130.4	3042.7	2969.3	2915.6	2838.8	2787.3	2742.4
52.5°	3730.0	3713.5	3699.3	3644.5	3586.4	3536.0	3471.3	3377.0	3299.2	3240.0	3147.9
55°	4265.9	4273.6	4268.1	4238.5	4217.7	4169.5	4143.2	4061.0	4025.9	3940.4	3844.0
57.5°	5168.0	5229.4	5307.2	5337.9	5379.6	5340.1	5386.1	5442.0	5302.8	5351.1	5264.5
60°	6320.0	6601.7	6769.4	6975.5	7110.3	7298.8	7332.8	7382.1	7367.8	7395.3	7451.2
62.5°	7023.7	7358.0	7679.1	7912.6	8162.5	8300.6	8467.2	8583.4	8704.0	8785.1	8762.1
65°	7230.8	7575.0	7866.6	8122.0	8345.6	8514.3	8668.9	8814.7	8925.4	9003.2	9049.2
67.5°	6470.2	6919.6	7226.5	7525.7	7814.0	7991.5	8120.9	8262.3	8424.5	8559.3	8585.6
70°	4868.8	5542.9	5978.0	6336.4	6675.1	6914.1	7094.9	7226.5	7352.5	7449.0	7554.2
72.5°	3044.9	3634.6	4132.2	4597.0	4956.5	5285.3	5437.7	5729.2	5690.8	5764.3	5843.2
75°	1825.0	2112.1	2386.2	2713.9	2902.4	3176.4	3225.8	3274.0	3248.8	3166.6	3228.0
77.5°	1268.2	1315.3	1313.1	1294.5	1274.7	1226.5	1164.0	1130.1	1107.0	1074.2	1087.3
80°	1275.8	1173.9	1018.3	856.0	707.0	608.3	568.9	568.9	609.4	667.5	725.6
82.5°	1524.6	1416.1	1262.7	1056.6	837.4	681.8	577.6	536.0	543.7	602.8	677.4
85°	1028.1	1052.2	922.9	844.0	668.6	520.6	436.2	354.0	313.5	323.3	366.1
87.5°	37.3	44.9	16.4	21.9	15.3	13.2	13.2	14.2	9.9	12.1	11.0
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: P181308

CATALOG NUMBER: ICS-E04-LED-E1-T2-7030

CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3
2.5°	1020.5	1019.4	1019.4	1017.2	1017.2	1016.1	1016.1	1015.0	1013.9	1013.9	1012.8
5°	1044.6	1043.5	1041.3	1040.2	1038.0	1038.0	1036.9	1034.7	1034.7	1032.5	1031.4
7.5°	1078.5	1076.4	1074.2	1073.1	1072.0	1068.7	1068.7	1066.5	1066.5	1064.3	1063.2
10°	1119.1	1116.9	1114.7	1115.8	1112.5	1111.4	1109.2	1109.2	1105.9	1104.8	1104.8
12.5°	1162.9	1161.8	1161.8	1158.6	1157.5	1156.4	1152.0	1152.0	1152.0	1149.8	1150.9
15°	1210.1	1211.2	1207.9	1211.2	1210.1	1206.8	1206.8	1206.8	1202.4	1207.9	1203.5
17.5°	1273.6	1276.9	1274.7	1275.8	1273.6	1273.6	1274.7	1273.6	1275.8	1275.8	1282.4
20°	1352.6	1353.7	1359.1	1356.9	1356.9	1355.9	1358.0	1359.1	1363.5	1361.3	1365.7
22.5°	1439.2	1444.6	1445.7	1450.1	1450.1	1449.0	1451.2	1455.6	1457.8	1461.1	1460.0
25°	1537.8	1541.1	1545.5	1540.0	1548.8	1548.8	1551.0	1556.4	1557.5	1557.5	1565.2
27.5°	1629.9	1638.6	1639.7	1645.2	1641.9	1644.1	1651.8	1655.1	1659.5	1659.5	1661.7
30°	1734.0	1737.3	1739.5	1746.1	1745.0	1746.1	1747.2	1752.6	1752.6	1758.1	1763.6
32.5°	1841.4	1843.6	1845.8	1852.4	1854.6	1859.0	1856.8	1861.1	1866.6	1867.7	1871.0
35°	1969.7	1971.8	1974.0	1983.9	1985.0	1992.7	1994.9	1992.7	2001.4	1996.0	2001.4
37.5°	2044.2	2054.1	2056.2	2062.8	2060.6	2066.1	2069.4	2073.8	2076.0	2080.4	2089.1
40°	2135.2	2138.5	2145.0	2148.3	2152.7	2153.8	2158.2	2161.5	2164.8	2174.6	2184.5
42.5°	2228.3	2232.7	2236.0	2240.4	2245.9	2250.3	2253.5	2263.4	2265.6	2272.2	2290.8
45°	2341.2	2339.0	2340.1	2341.2	2343.4	2348.9	2358.8	2368.6	2375.2	2390.6	2405.9
47.5°	2481.5	2467.3	2461.8	2453.0	2455.2	2467.3	2469.5	2485.9	2499.1	2513.3	2531.9
50°	2694.2	2655.8	2632.8	2609.8	2607.6	2614.2	2622.9	2640.5	2655.8	2674.4	2700.7
52.5°	3051.5	2978.0	2932.0	2868.4	2850.9	2847.6	2841.0	2850.9	2855.3	2880.5	2929.8
55°	3774.9	3639.0	3551.3	3452.7	3360.6	3333.2	3280.6	3291.5	3280.6	3295.9	3369.4
57.5°	5285.3	5176.8	5091.3	4965.2	4807.4	4639.7	4598.1	4426.0	4459.9	4558.6	4495.0
60°	7478.6	7439.1	7377.7	7317.4	7101.5	6979.8	6781.4	6759.5	6620.3	6621.4	6530.4
62.5°	8706.2	8756.6	8719.3	8701.8	8689.7	8651.4	8552.7	8434.3	8256.8	8128.5	7940.0
65°	9056.9	9014.2	8973.6	8968.1	8964.8	9027.3	9041.6	8958.3	8797.1	8597.7	8380.6
67.5°	8648.1	8624.0	8626.1	8580.1	8608.6	8717.1	8792.8	8769.7	8621.8	8380.6	8104.4
70°	7674.8	7627.6	7675.8	7736.1	7778.9	7841.4	7917.0	7935.6	7800.8	7553.1	7271.4
72.5°	5746.7	5754.4	5800.5	5816.9	5989.0	5971.4	6039.4	5818.0	5720.4	5484.8	5340.1
75°	3024.1	2974.8	3103.0	2831.2	2719.4	2797.2	2579.1	2369.7	2413.6	2449.7	2188.9
77.5°	1068.7	999.6	882.3	835.2	694.9	588.6	481.2	434.0	408.8	395.7	379.2
80°	767.3	789.2	765.1	708.1	601.7	482.3	380.3	300.3	257.6	234.6	219.2
82.5°	776.0	862.6	901.0	884.5	788.1	596.3	393.5	251.0	186.3	155.6	144.7
85°	416.5	456.0	438.4	369.4	332.1	198.4	135.9	91.0	76.7	70.1	64.7
87.5°	16.4	13.2	11.0	11.0	12.1	13.2	11.0	12.1	11.0	11.0	11.0
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: P181308

CATALOG NUMBER: ICS-E04-LED-E1-T2-7030

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3	1007.3
2.5°	1010.6	1010.6	1010.6	1009.5	1007.3	1001.8	996.3	992.0	988.7	985.4	981.0
5°	1030.3	1028.1	1028.1	1028.1	1019.4	1010.6	1002.9	995.2	988.7	983.2	978.8
7.5°	1063.2	1062.1	1057.7	1056.6	1050.0	1035.8	1027.0	1013.9	1006.2	998.5	996.3
10°	1102.7	1101.6	1100.5	1099.4	1090.6	1076.4	1065.4	1053.3	1042.4	1031.4	1020.5
12.5°	1148.7	1147.6	1146.5	1143.2	1139.9	1132.3	1120.2	1107.0	1093.9	1070.9	1058.8
15°	1205.7	1207.9	1205.7	1204.6	1202.4	1203.5	1195.8	1177.2	1156.4	1126.8	1101.6
17.5°	1281.3	1279.1	1278.0	1282.4	1281.3	1286.8	1284.6	1260.5	1228.7	1181.6	1137.7
20°	1364.6	1364.6	1369.0	1372.3	1382.2	1396.4	1389.8	1360.2	1302.1	1236.4	1179.4
22.5°	1464.4	1466.6	1470.9	1468.7	1484.1	1507.1	1509.3	1467.7	1392.0	1301.0	1221.0
25°	1568.5	1570.7	1566.3	1572.9	1598.1	1631.0	1637.5	1578.4	1478.6	1360.2	1256.1
27.5°	1667.1	1669.3	1669.3	1678.1	1702.2	1758.1	1764.7	1698.9	1566.3	1411.8	1281.3
30°	1763.6	1772.4	1774.6	1776.7	1812.9	1890.7	1905.0	1809.6	1643.0	1450.1	1298.9
32.5°	1885.3	1888.5	1892.9	1898.4	1940.1	2035.4	2035.4	1905.0	1692.3	1474.2	1302.1
35°	2015.7	2016.8	2026.7	2027.7	2086.9	2182.3	2163.7	1983.9	1727.4	1468.7	1278.0
37.5°	2094.6	2099.0	2108.9	2122.0	2184.5	2319.3	2276.6	2051.9	1734.0	1432.6	1223.2
40°	2192.2	2200.9	2210.8	2223.9	2317.1	2458.5	2371.9	2094.6	1706.6	1361.3	1141.0
42.5°	2297.4	2309.4	2324.8	2348.9	2459.6	2581.3	2444.3	2101.2	1644.1	1281.3	1043.5
45°	2415.8	2437.7	2455.2	2483.7	2608.7	2687.6	2488.1	2062.8	1565.2	1176.1	939.3
47.5°	2552.8	2570.3	2601.0	2631.7	2756.6	2759.9	2492.5	1988.3	1457.8	1070.9	828.6
50°	2721.6	2732.5	2778.6	2797.2	2914.5	2835.6	2460.7	1887.4	1344.9	952.5	705.9
52.5°	2946.3	2961.6	3020.8	3049.3	3132.6	2938.6	2415.8	1777.8	1215.6	819.9	579.8
55°	3390.2	3457.0	3498.7	3548.0	3601.7	3172.1	2396.0	1660.6	1069.8	666.4	459.3
57.5°	4636.4	4614.5	4706.6	4818.4	4817.3	3705.8	2514.4	1559.7	897.7	509.7	352.9
60°	6493.2	6514.0	6466.9	6533.7	6321.1	4367.9	2676.6	1453.4	703.7	379.2	269.6
62.5°	7873.1	7752.6	7685.7	7606.8	7138.8	4440.2	2558.3	1235.3	511.9	266.3	207.2
65°	8199.8	8058.4	7914.8	7764.6	7058.8	4002.9	2099.0	906.5	331.0	183.0	164.4
67.5°	7877.5	7650.6	7467.6	7313.0	6468.0	3317.8	1534.5	556.8	189.6	148.0	140.3
70°	7042.3	6791.3	6495.4	6322.2	5446.4	2445.4	983.2	300.3	145.8	131.5	128.2
72.5°	5154.9	4948.8	4625.5	4427.1	3910.8	1486.3	549.1	168.8	135.9	126.0	121.7
75°	2008.0	1900.6	1765.8	1776.7	1586.0	657.6	248.8	145.8	132.6	123.9	119.5
77.5°	345.3	336.5	311.3	311.3	354.0	240.0	165.5	146.9	131.5	121.7	114.0
80°	207.2	202.8	192.9	190.7	184.1	168.8	158.9	149.1	129.3	115.1	105.2
82.5°	135.9	130.4	127.1	126.0	137.0	148.0	149.1	148.0	122.8	99.7	85.5
85°	58.1	58.1	58.1	59.2	78.9	119.5	122.8	131.5	100.8	77.8	61.4
87.5°	9.9	12.1	12.1	13.2	14.2	26.3	32.9	42.7	34.0	32.9	29.6
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: P181308

CATALOG NUMBER: ICS-E04-LED-E1-T2-7030

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1007.3	1007.3	1007.3
2.5°	979.9	977.7	977.7
5°	976.6	974.4	975.5
7.5°	989.8	985.4	986.5
10°	1013.9	1009.5	1007.3
12.5°	1044.6	1039.1	1039.1
15°	1076.4	1063.2	1062.1
17.5°	1102.7	1086.2	1084.0
20°	1132.3	1110.3	1107.0
22.5°	1159.7	1130.1	1125.7
25°	1179.4	1143.2	1137.7
27.5°	1188.2	1145.4	1141.0
30°	1194.7	1146.5	1139.9
32.5°	1188.2	1136.6	1131.2
35°	1152.0	1096.1	1092.8
37.5°	1089.5	1027.0	1022.6
40°	1007.3	941.5	930.6
42.5°	902.1	840.7	828.6
45°	800.1	730.0	724.5
47.5°	690.5	623.7	627.0
50°	575.4	515.2	514.1
52.5°	465.8	413.2	409.9
55°	367.2	329.9	326.6
57.5°	290.5	270.7	267.4
60°	236.8	226.9	223.6
62.5°	190.7	187.4	186.3
65°	158.9	158.9	158.9
67.5°	138.1	139.2	139.2
70°	127.1	128.2	127.1
72.5°	122.8	126.0	126.0
75°	119.5	121.7	117.3
77.5°	117.3	118.4	110.7
80°	116.2	115.1	100.8
82.5°	100.8	97.6	85.5
85°	92.1	70.1	59.2
87.5°	47.1	32.9	25.2
90°	0.0	0.0	0.0

(END OF REPORT)