

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: P180692

Luminaire Tested: **ICM-F04-LED-E1-SL3-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180692
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33679)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-F04-LED-E1-SL3-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8518.2 lumens
Efficiency: N/A
Efficacy: 83.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 102.2
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

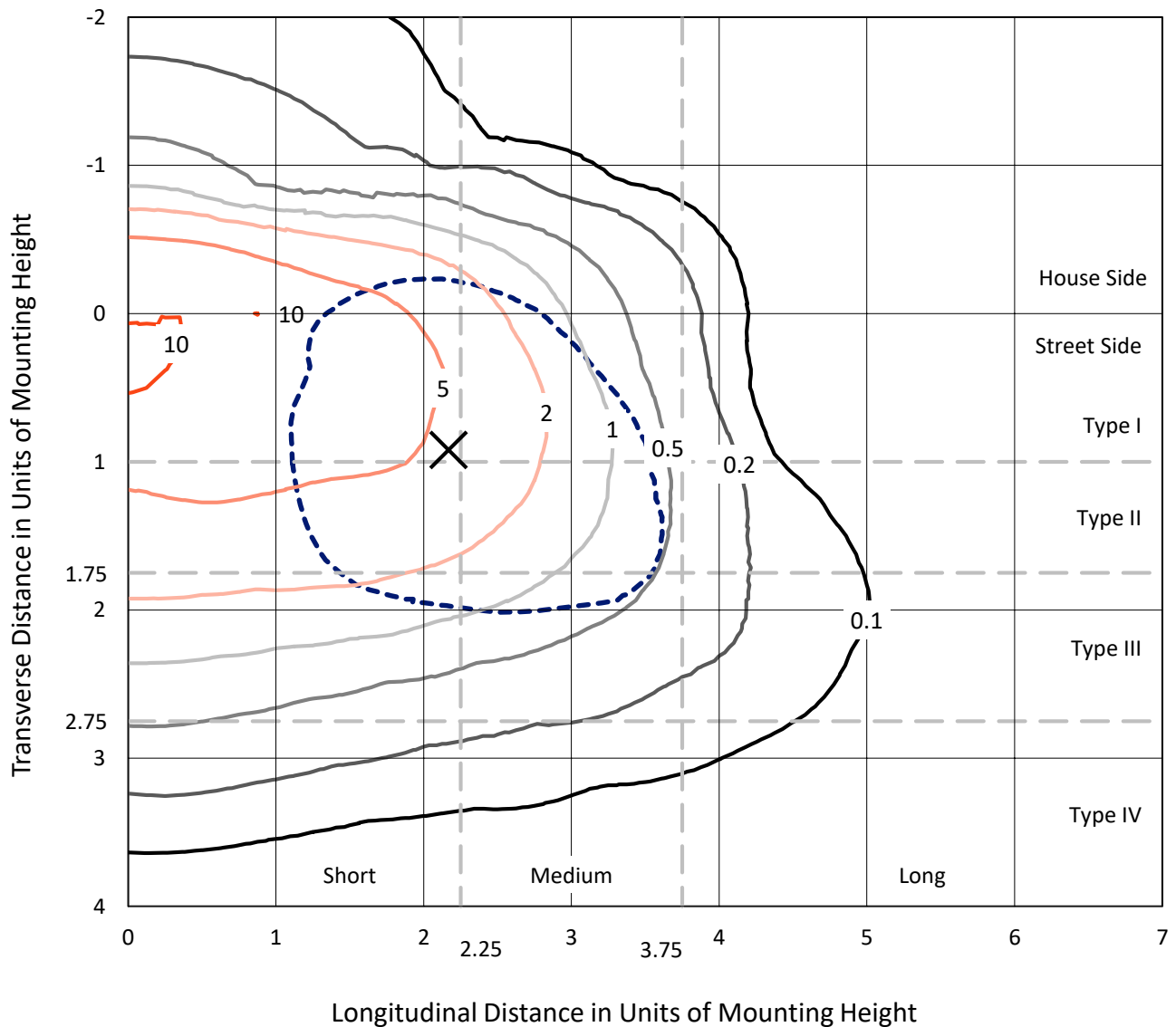


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Iso-Footcandle Lines of Horizontal Illumination

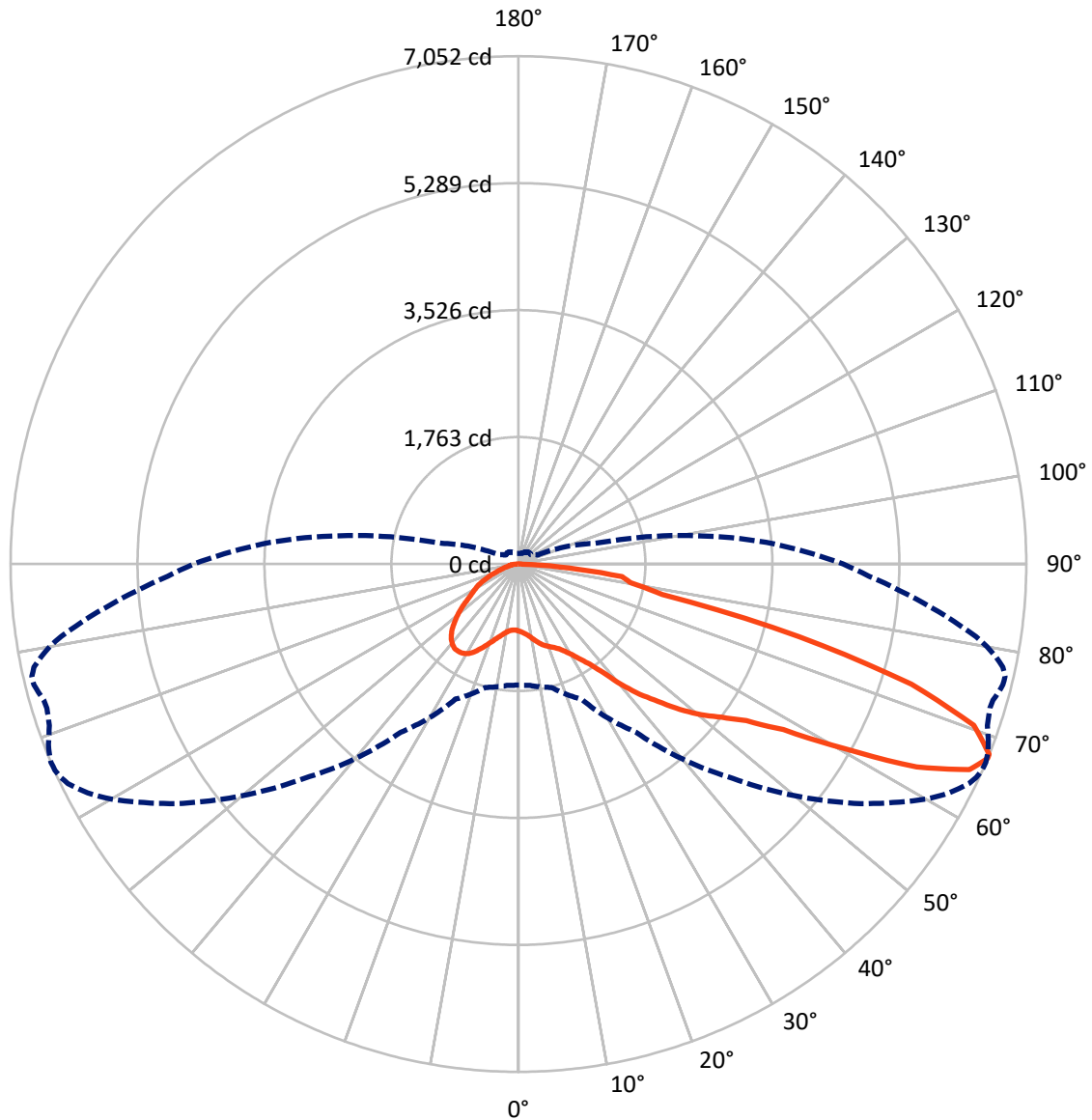
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.9 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 67-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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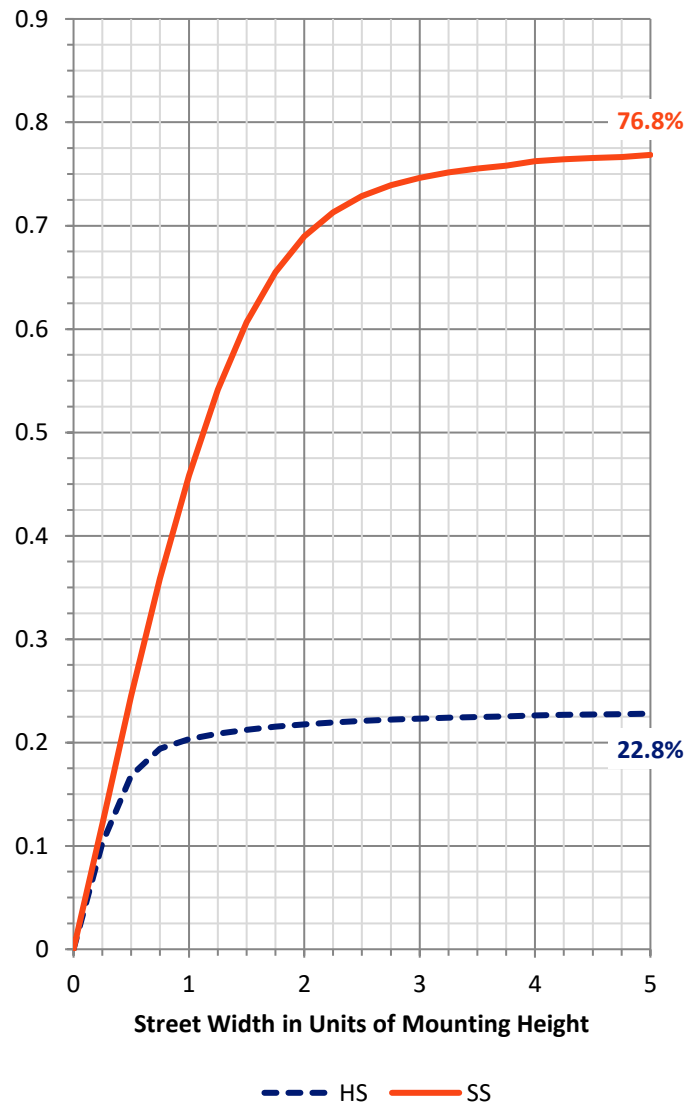
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1965.7	0.0	1965.7
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	6552.5	0.0	6552.5
	% Fixture	76.9	0.0	76.9
Total	Lumens	8518.2	0.0	8518.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.6	1.1
10°-20°	317.7	3.7
20°-30°	560.9	6.6
30°-40°	805.1	9.5
40°-50°	1222.8	14.4
50°-60°	1800.4	21.1
60°-70°	2392.6	28.1
70°-80°	1170.5	13.7
80°-90°	155.4	1.8
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°	8518.2	100.0
0°-180°	8518.2	100.0



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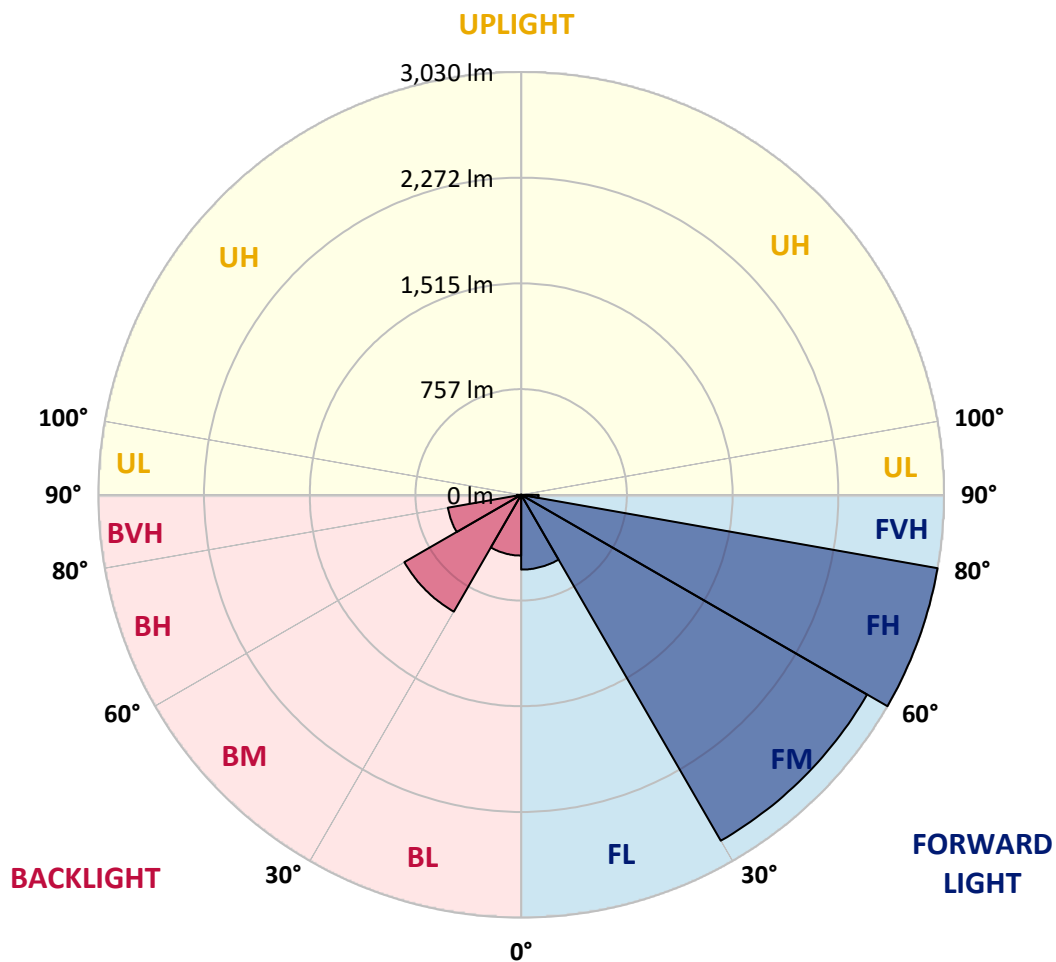
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	535.9	6.3			
FM	(30°-60°)	2861.9	33.6			
FH	(60°-80°)	3029.8	35.6			G2/5000
FVH	(80°-90°)	124.9	1.5			G2/225
BL	(0°-30°)	435.4	5.1	B1/500		
BM	(30°-60°)	966.4	11.3	B1/1000		
BH	(60°-80°)	533.3	6.3	B2/1000		G2/1000
BVH	(80°-90°)	30.6	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	974.4	975.4	973.5	972.6	967.0	961.4	957.7	952.9	952.9	952.9	951.1
5°	1029.7	1025.9	1028.8	1022.1	1011.0	1000.7	990.3	982.0	980.1	980.1	976.4
7.5°	1096.0	1091.4	1089.5	1080.1	1063.4	1048.4	1027.8	1019.4	1014.7	1012.8	1011.0
10°	1176.5	1176.5	1164.3	1148.4	1126.0	1099.8	1077.3	1062.3	1061.4	1061.4	1053.0
12.5°	1258.8	1260.7	1244.8	1228.8	1192.4	1157.8	1131.5	1114.7	1113.8	1110.1	1105.4
15°	1334.5	1329.9	1319.5	1296.2	1256.0	1214.8	1182.1	1165.2	1161.5	1157.8	1155.0
17.5°	1397.2	1392.5	1379.5	1349.5	1307.4	1258.8	1218.5	1200.8	1198.9	1197.0	1193.3
20°	1436.5	1432.8	1414.1	1379.5	1335.5	1285.9	1242.9	1230.7	1227.0	1227.0	1225.1
22.5°	1458.9	1453.3	1426.1	1380.4	1337.3	1300.8	1265.3	1257.9	1255.0	1256.0	1256.0
25°	1470.1	1465.4	1427.1	1361.7	1320.5	1310.2	1295.3	1290.5	1291.5	1292.5	1294.3
27.5°	1472.0	1465.4	1420.6	1337.3	1299.0	1328.0	1338.2	1345.8	1345.8	1349.5	1356.0
30°	1458.0	1450.5	1407.5	1318.6	1289.6	1363.5	1404.7	1424.3	1431.8	1429.9	1444.8
32.5°	1433.7	1428.9	1394.3	1318.6	1315.8	1433.7	1506.6	1534.6	1538.4	1540.3	1557.1
35°	1425.2	1424.3	1409.3	1363.5	1397.2	1557.1	1668.4	1689.9	1694.5	1694.5	1706.7
37.5°	1423.4	1428.0	1444.8	1447.6	1540.3	1740.4	1886.2	1919.0	1919.0	1928.4	1928.4
40°	1423.4	1433.7	1497.2	1573.0	1715.2	1978.9	2180.9	2218.2	2218.2	2228.6	2223.0
42.5°	1478.5	1493.5	1598.2	1742.2	1935.8	2224.9	2456.8	2498.8	2501.6	2498.8	2507.3
45°	1587.0	1600.1	1727.3	1934.0	2163.1	2488.6	2720.5	2771.0	2760.7	2767.3	2770.1
47.5°	1731.1	1751.6	1896.6	2143.5	2384.8	2732.7	3016.0	3061.8	3058.1	3060.9	3048.8
50°	1884.4	1906.0	2067.7	2351.1	2605.4	2929.0	3253.5	3321.8	3315.3	3319.9	3326.4
52.5°	2020.0	2033.1	2189.3	2507.3	2772.9	3112.3	3435.9	3521.0	3535.9	3537.8	3542.5
55°	2100.5	2116.3	2259.5	2584.9	2894.4	3291.8	3644.5	3773.5	3802.4	3810.0	3830.5
57.5°	2128.5	2145.3	2275.4	2596.1	2960.9	3460.2	3935.3	4162.5	4186.8	4227.1	4292.5
60°	2127.5	2145.3	2258.5	2570.8	3028.1	3668.8	4387.9	4768.6	4892.0	4933.1	5026.6
62.5°	2040.6	2061.1	2176.2	2494.2	3114.2	3935.3	5061.2	5646.7	5805.7	5880.5	5981.5
65°	1849.8	1864.8	1972.3	2299.6	3089.9	4198.1	5624.2	6354.6	6499.6	6609.0	6789.5
67°	1680.6	1689.9	1774.1	2069.6	2852.3	4207.5	5801.9	6530.5	6656.7	6772.7	6958.7
67.5°	1637.5	1657.1	1722.6	1999.5	2763.5	4154.2	5789.8	6503.3	6632.4	6753.0	6949.4
70°	1332.7	1360.7	1393.4	1579.5	2172.5	3494.8	5360.5	6033.9	6147.0	6259.2	6533.2
72.5°	822.1	872.6	879.1	996.9	1414.1	2415.6	4337.4	5088.4	5173.5	5253.9	5534.5
75°	484.5	491.9	515.3	610.7	829.5	1443.9	2910.3	3780.0	3858.6	3897.9	4117.6
77.5°	270.2	277.8	297.4	379.7	637.8	972.6	1694.5	2221.0	2268.8	2318.3	2282.8
80°	112.2	122.5	131.9	153.4	298.3	767.8	1165.2	1412.1	1443.0	1472.0	1508.5
82.5°	54.2	58.0	71.1	81.4	108.5	315.2	913.7	1224.2	1260.7	1302.7	1387.8
85°	25.2	28.1	39.3	46.8	52.4	79.5	305.8	595.7	646.2	655.5	672.4
87.5°	1.9	1.9	4.7	6.5	9.4	10.3	31.8	44.9	50.5	45.9	58.0
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	950.1	949.2	947.4	947.4	946.4	946.4	946.4	944.6	944.6	944.6	943.6
5°	975.4	974.4	971.6	971.6	969.8	969.8	967.0	966.1	964.2	964.2	963.3
7.5°	1008.1	1007.2	1003.4	1003.4	1000.7	999.7	997.9	995.1	995.1	993.2	991.3
10°	1053.0	1050.2	1049.3	1044.6	1045.6	1043.6	1041.8	1039.0	1037.1	1035.3	1033.4
12.5°	1103.5	1103.5	1098.9	1096.0	1098.0	1096.0	1092.3	1091.4	1088.6	1088.6	1085.8
15°	1151.3	1151.3	1149.3	1145.6	1146.5	1143.7	1142.8	1140.9	1137.2	1138.1	1137.2
17.5°	1192.4	1192.4	1189.6	1187.7	1187.7	1184.8	1185.9	1183.9	1182.1	1181.1	1178.3
20°	1225.1	1225.1	1223.3	1221.4	1222.3	1222.3	1219.4	1219.4	1219.4	1217.6	1217.6
22.5°	1256.9	1257.9	1257.9	1257.9	1258.8	1259.7	1258.8	1260.7	1259.7	1261.6	1261.6
25°	1299.0	1301.8	1303.6	1303.6	1308.3	1309.3	1310.2	1313.0	1313.0	1315.8	1316.8
27.5°	1361.7	1363.5	1371.0	1372.8	1373.8	1381.3	1382.2	1386.0	1389.7	1390.6	1391.5
30°	1447.6	1452.4	1458.0	1461.7	1461.7	1471.1	1474.8	1472.9	1483.2	1486.1	1489.8
32.5°	1562.7	1566.4	1572.1	1575.8	1579.5	1584.2	1585.1	1589.9	1598.2	1605.7	1601.0
35°	1707.6	1717.0	1707.6	1718.0	1720.8	1727.3	1725.4	1731.1	1734.8	1737.6	1736.7
37.5°	1918.1	1913.4	1911.5	1907.8	1901.2	1923.7	1912.5	1911.5	1906.0	1921.8	1911.5
40°	2194.9	2197.7	2200.5	2185.5	2177.1	2177.1	2174.3	2164.0	2159.4	2173.4	2171.5
42.5°	2483.8	2486.7	2473.6	2464.2	2442.7	2439.9	2426.8	2424.0	2419.4	2426.8	2419.4
45°	2746.6	2748.5	2719.6	2724.2	2707.4	2710.2	2689.6	2698.1	2686.8	2694.2	2708.3
47.5°	3040.3	3044.0	3018.8	3029.0	3012.3	3002.0	3001.0	3006.6	2994.4	3002.0	3005.7
50°	3306.8	3302.2	3289.0	3291.8	3284.4	3286.3	3275.0	3285.3	3271.3	3286.3	3284.4
52.5°	3543.5	3537.8	3535.0	3544.4	3537.8	3537.8	3531.3	3535.9	3537.8	3560.3	3565.0
55°	3830.5	3835.2	3839.9	3856.8	3864.2	3852.0	3864.2	3887.6	3888.5	3941.8	3970.8
57.5°	4291.6	4324.3	4341.1	4351.5	4395.4	4390.7	4418.8	4474.9	4480.5	4603.9	4675.9
60°	5095.8	5153.8	5209.1	5179.1	5267.9	5295.0	5311.8	5416.6	5449.3	5566.3	5628.9
62.5°	6111.5	6118.0	6204.0	6177.0	6227.5	6215.3	6235.9	6283.6	6326.6	6422.9	6481.8
65°	6820.3	6851.2	6884.9	6850.3	6849.3	6808.2	6782.0	6781.1	6807.3	6827.9	6893.3
67°	7013.0	7043.9	7052.3	7027.0	6990.6	6938.2	6889.5	6864.3	6847.5	6856.8	6898.0
67.5°	7011.1	7040.1	7050.4	7026.1	6975.6	6931.7	6880.2	6851.2	6828.8	6833.4	6868.0
70°	6612.8	6675.4	6709.1	6716.5	6710.0	6633.3	6589.3	6563.2	6544.5	6498.6	6495.9
72.5°	5602.7	5678.5	5704.7	5746.7	5765.4	5652.3	5604.6	5633.6	5568.1	5423.2	5429.7
75°	4113.9	4119.6	4031.7	4014.8	3952.1	3695.8	3619.2	3549.0	3436.9	3262.0	3097.3
77.5°	2144.4	2143.5	2042.4	1991.0	1916.2	1761.9	1754.4	1629.1	1541.2	1381.3	1323.3
80°	1523.5	1547.7	1581.4	1598.2	1572.1	1512.2	1429.9	1341.0	1239.2	1139.1	1019.4
82.5°	1416.8	1431.8	1449.6	1384.1	1347.6	1263.4	1200.8	1071.7	999.7	885.6	765.0
85°	689.2	735.1	699.5	658.3	644.4	504.1	487.3	406.8	369.4	303.9	283.4
87.5°	44.0	54.2	48.7	44.0	38.3	21.5	29.0	20.6	21.5	15.9	14.0
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	943.6	942.7	941.8	940.8	939.9	939.9	938.9	938.0	937.0	935.2	935.2
5°	961.4	961.4	960.5	958.6	958.6	956.7	953.9	952.9	952.9	951.1	949.2
7.5°	990.3	989.4	987.5	986.6	984.8	982.9	981.0	979.2	978.2	975.4	974.4
10°	1034.3	1032.5	1027.8	1025.9	1024.9	1023.1	1021.2	1019.4	1016.6	1014.7	1013.8
12.5°	1083.9	1083.0	1079.2	1081.1	1076.4	1074.5	1072.7	1068.0	1069.9	1066.1	1064.3
15°	1133.5	1134.4	1132.5	1132.5	1128.8	1126.0	1124.1	1120.4	1119.4	1117.6	1115.7
17.5°	1177.4	1179.3	1176.5	1174.6	1172.8	1170.9	1167.1	1163.4	1163.4	1159.6	1157.8
20°	1217.6	1219.4	1218.5	1216.7	1213.9	1212.9	1211.1	1208.3	1208.3	1206.4	1203.6
22.5°	1263.4	1264.4	1264.4	1263.4	1260.7	1261.6	1259.7	1256.9	1257.9	1254.1	1254.1
25°	1318.6	1320.5	1322.3	1323.3	1321.4	1322.3	1320.5	1318.6	1317.7	1318.6	1317.7
27.5°	1394.3	1396.2	1401.9	1397.2	1401.9	1402.8	1400.0	1396.2	1399.1	1403.7	1400.9
30°	1494.4	1492.6	1500.0	1500.9	1500.0	1500.9	1499.1	1496.3	1498.1	1506.6	1502.0
32.5°	1606.6	1610.4	1612.3	1614.1	1616.9	1620.7	1617.9	1615.1	1619.7	1616.9	1623.5
35°	1742.2	1750.7	1753.5	1750.7	1752.6	1759.1	1758.2	1759.1	1768.5	1759.1	1771.3
37.5°	1913.4	1921.8	1928.4	1924.7	1929.3	1929.3	1936.8	1957.3	1944.3	1961.1	1974.2
40°	2162.2	2175.3	2176.2	2175.3	2179.9	2185.5	2193.0	2215.5	2200.5	2218.2	2230.4
42.5°	2418.4	2434.3	2439.9	2430.5	2440.9	2453.0	2454.0	2473.6	2474.5	2477.3	2483.8
45°	2707.4	2721.4	2732.7	2727.9	2728.9	2744.8	2741.0	2759.7	2745.7	2745.7	2749.5
47.5°	3015.1	3028.1	3035.6	3043.1	3033.8	3047.8	3054.3	3050.6	3033.8	3030.1	3007.6
50°	3295.6	3306.8	3318.1	3338.6	3337.7	3344.2	3349.0	3332.1	3328.4	3307.7	3282.5
52.5°	3593.0	3622.0	3647.3	3690.3	3696.8	3719.3	3710.8	3682.8	3678.1	3644.5	3610.8
55°	4007.3	4090.5	4127.0	4193.4	4238.3	4237.3	4218.6	4214.0	4178.4	4111.1	4070.9
57.5°	4728.3	4858.4	4921.0	5007.0	5021.1	5012.6	4988.3	4945.3	4883.6	4770.4	4697.4
60°	5769.2	5849.6	5922.5	5943.1	5953.4	5937.5	5852.4	5757.1	5636.4	5480.2	5350.3
62.5°	6555.7	6638.0	6692.2	6683.9	6619.3	6537.9	6413.5	6253.6	6084.3	5909.4	5714.9
65°	6955.9	6990.6	6982.2	6916.7	6806.4	6664.1	6482.7	6285.4	6086.3	5879.6	5677.5
67°	6934.5	6935.4	6878.4	6751.1	6609.9	6431.3	6209.7	5994.5	5760.8	5543.8	5303.5
67.5°	6896.1	6892.3	6812.9	6673.5	6521.1	6336.9	6106.8	5884.2	5642.0	5423.2	5174.5
70°	6462.2	6409.8	6230.3	6007.7	5795.4	5546.6	5305.3	5050.1	4777.0	4589.0	4302.8
72.5°	5310.0	5133.2	4823.8	4590.8	4363.6	4038.2	3887.6	3570.5	3378.8	3259.2	3043.1
75°	3074.9	2927.2	2687.7	2469.9	2359.5	2166.8	2075.2	1842.3	1793.7	1791.8	1717.0
77.5°	1173.7	1024.0	869.8	700.5	595.7	473.2	417.1	373.1	339.4	362.9	329.2
80°	880.0	723.8	565.8	411.4	293.7	216.9	186.1	172.1	163.6	157.1	152.5
82.5°	655.5	517.1	401.2	261.9	183.3	138.4	119.7	112.2	108.5	102.0	96.3
85°	221.7	177.7	140.3	97.3	76.7	62.7	58.0	56.1	53.3	48.7	45.9
87.5°	12.2	11.3	12.2	9.4	11.3	9.4	10.3	10.3	10.3	9.4	9.4
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: ICM-F04-LED-E1-SL3-7030

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	934.2	934.2	934.2	932.4	929.6	924.0	918.3	913.7	909.0	906.2	904.3
5°	948.3	946.4	945.5	944.6	938.0	926.8	916.5	907.2	897.8	890.3	887.5
7.5°	973.5	969.8	968.8	966.1	957.7	940.8	925.9	910.9	897.8	887.5	882.8
10°	1011.9	1011.9	1006.2	1002.5	993.2	970.7	949.2	929.6	911.8	900.6	897.8
12.5°	1060.5	1060.5	1055.8	1053.0	1041.8	1012.8	986.6	963.3	946.4	935.2	934.2
15°	1111.0	1110.1	1106.3	1102.6	1090.4	1059.5	1033.4	1012.8	998.8	985.7	982.0
17.5°	1155.9	1155.9	1151.3	1147.4	1135.4	1109.1	1085.8	1070.8	1054.9	1027.8	1007.2
20°	1200.8	1201.7	1198.0	1194.2	1183.9	1161.5	1151.3	1136.3	1100.8	1041.8	993.2
22.5°	1250.3	1254.1	1249.4	1245.7	1237.2	1227.9	1224.2	1188.7	1113.8	1019.4	948.3
25°	1314.0	1320.5	1314.9	1313.0	1308.3	1311.2	1299.9	1217.6	1095.1	970.7	881.9
27.5°	1400.9	1400.9	1401.9	1401.9	1400.0	1410.2	1369.1	1218.5	1054.0	908.1	802.4
30°	1502.9	1508.5	1506.6	1506.6	1514.1	1520.7	1407.5	1198.0	1001.6	830.4	705.1
32.5°	1625.4	1630.1	1631.9	1623.5	1653.4	1619.7	1421.5	1160.6	937.0	734.1	589.2
35°	1773.1	1779.6	1784.4	1785.3	1804.9	1705.8	1414.1	1105.4	844.5	613.5	462.0
37.5°	1965.8	1978.9	1989.1	1993.9	1994.8	1778.7	1393.4	1032.5	723.8	478.8	344.2
40°	2222.1	2236.0	2233.2	2242.6	2189.3	1821.8	1346.7	926.8	574.2	351.6	265.6
42.5°	2468.9	2470.8	2474.5	2466.1	2357.6	1844.2	1281.2	797.7	430.1	262.8	227.3
45°	2744.8	2728.9	2711.1	2698.1	2512.9	1852.6	1191.4	640.6	303.9	220.7	210.4
47.5°	3003.8	2982.3	2945.9	2908.5	2651.3	1839.5	1076.4	479.7	231.0	202.0	199.2
50°	3258.3	3218.0	3166.5	3123.6	2784.1	1819.9	949.2	346.0	202.0	192.7	189.9
52.5°	3573.3	3506.1	3438.7	3382.6	2957.0	1789.0	815.4	262.8	189.9	185.2	181.4
55°	4005.4	3911.9	3803.5	3724.9	3191.8	1742.2	675.2	222.6	184.2	180.5	174.9
57.5°	4603.9	4463.7	4341.1	4213.0	3512.6	1694.5	554.6	206.7	183.3	177.7	170.2
60°	5215.6	5047.2	4891.0	4707.7	3839.9	1646.9	470.4	204.8	186.1	177.7	166.4
62.5°	5533.5	5359.6	5171.6	4985.5	3981.1	1534.6	412.4	207.6	192.7	180.5	166.4
65°	5460.6	5248.3	5057.5	4867.7	3817.4	1322.3	348.8	211.4	205.8	191.7	169.3
67°	5094.0	4872.3	4689.1	4507.7	3452.8	1107.3	299.3	215.1	219.8	204.8	174.9
67.5°	4965.0	4743.3	4562.8	4386.1	3345.1	1062.3	287.1	216.9	222.6	208.6	176.7
70°	4116.7	3954.0	3762.3	3625.7	2708.3	786.5	235.6	220.7	239.4	230.0	185.2
72.5°	2962.7	2807.5	2663.5	2587.6	1994.8	549.9	198.2	216.9	249.7	242.2	188.9
75°	1574.9	1565.5	1513.1	1550.5	1234.4	359.1	174.9	203.0	238.5	221.7	175.8
77.5°	318.0	327.4	384.4	378.8	398.4	200.1	149.7	174.0	184.2	162.7	143.1
80°	147.7	144.9	142.1	144.0	141.2	128.1	121.6	136.6	128.1	104.7	95.3
82.5°	91.6	89.8	87.0	86.0	95.3	102.0	106.6	107.5	85.1	72.9	70.1
85°	44.0	44.0	43.0	44.9	56.1	83.3	89.8	79.5	57.0	52.4	49.6
87.5°	8.4	8.4	9.4	8.4	11.3	19.6	22.4	26.1	21.5	22.4	25.2
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: P180692

CATALOG NUMBER: ICM-F04-LED-E1-SL3-7030

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	930.5	930.5	930.5
2.5°	902.4	900.6	900.6
5°	883.7	882.8	882.8
7.5°	879.1	880.0	879.1
10°	896.8	895.9	899.6
12.5°	936.1	938.9	938.0
15°	977.3	979.2	979.2
17.5°	989.4	982.9	982.0
20°	957.7	945.5	942.7
22.5°	897.8	875.4	876.3
25°	822.1	794.9	796.7
27.5°	734.1	705.1	704.2
30°	628.5	596.7	580.7
32.5°	501.3	462.9	462.9
35°	376.8	346.0	334.8
37.5°	286.1	268.4	262.8
40°	238.5	230.0	228.2
42.5°	216.9	214.1	213.2
45°	205.8	203.9	203.0
47.5°	195.4	194.5	193.6
50°	188.0	187.1	186.1
52.5°	181.4	179.5	178.6
55°	172.1	172.1	172.1
57.5°	166.4	166.4	165.5
60°	160.8	159.9	159.9
62.5°	156.2	154.3	155.3
65°	153.4	150.6	150.6
67°	151.5	145.9	145.9
67.5°	151.5	144.0	144.0
70°	148.7	136.6	134.7
72.5°	145.9	128.1	125.3
75°	138.4	121.6	118.8
77.5°	118.8	108.5	106.6
80°	91.6	79.5	81.4
82.5°	66.4	57.0	56.1
85°	47.7	41.1	41.1
87.5°	25.2	21.5	22.4
90°	0.0	0.0	0.0

(END OF REPORT)