

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: P180491

Luminaire Tested: **ICM-F04-LED-E1-SL2-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180491  
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: ICM-F04-LED-E1-SL2-8030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (28) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7920.4 lumens  
Efficiency: N/A  
Efficacy: 77.5 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

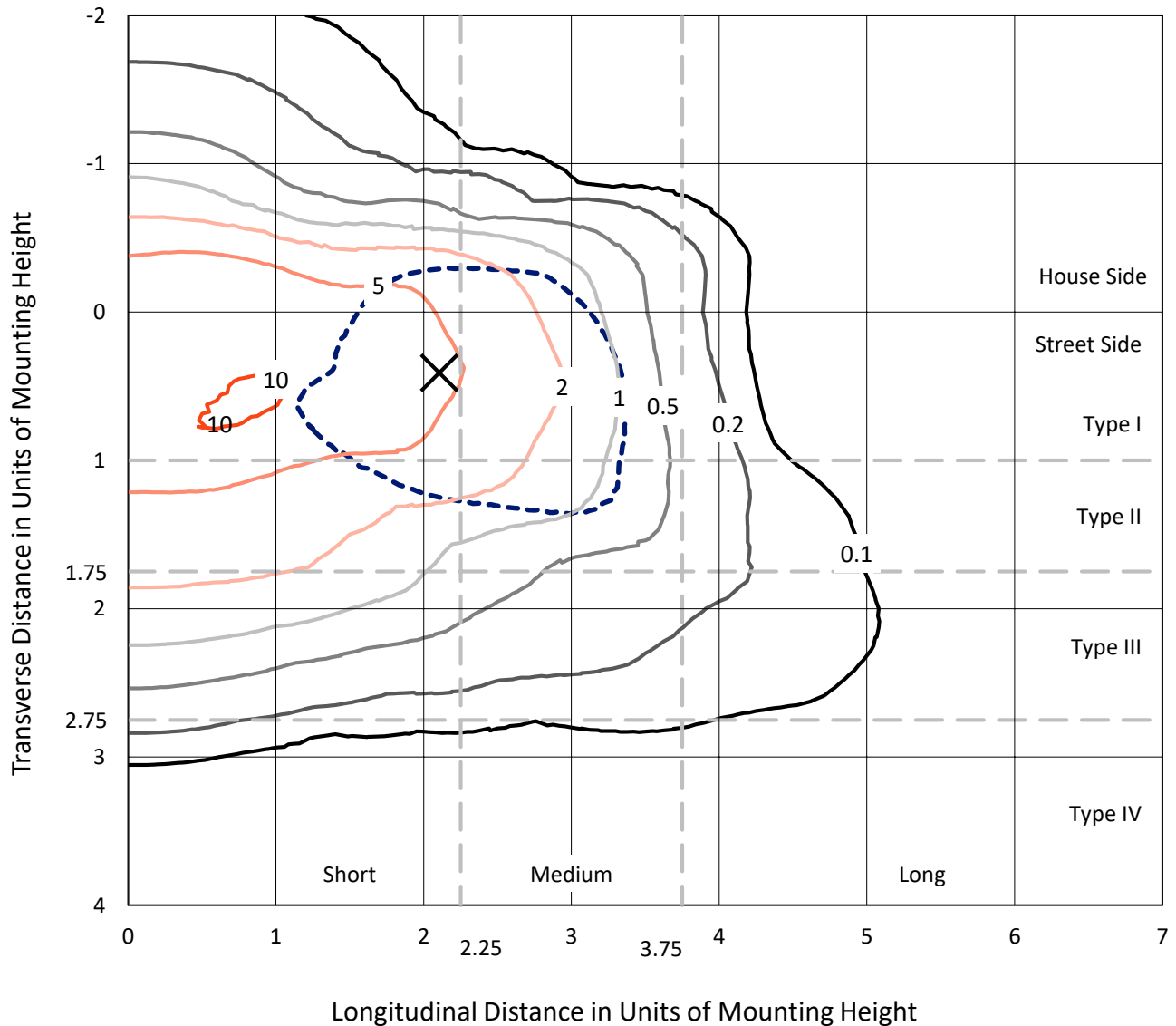
Input Watts (W): 102.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P180491  
 CATALOG NUMBER: ICM-F04-LED-E1-SL2-8030

### Iso-Footcandle Lines of Horizontal Illumination

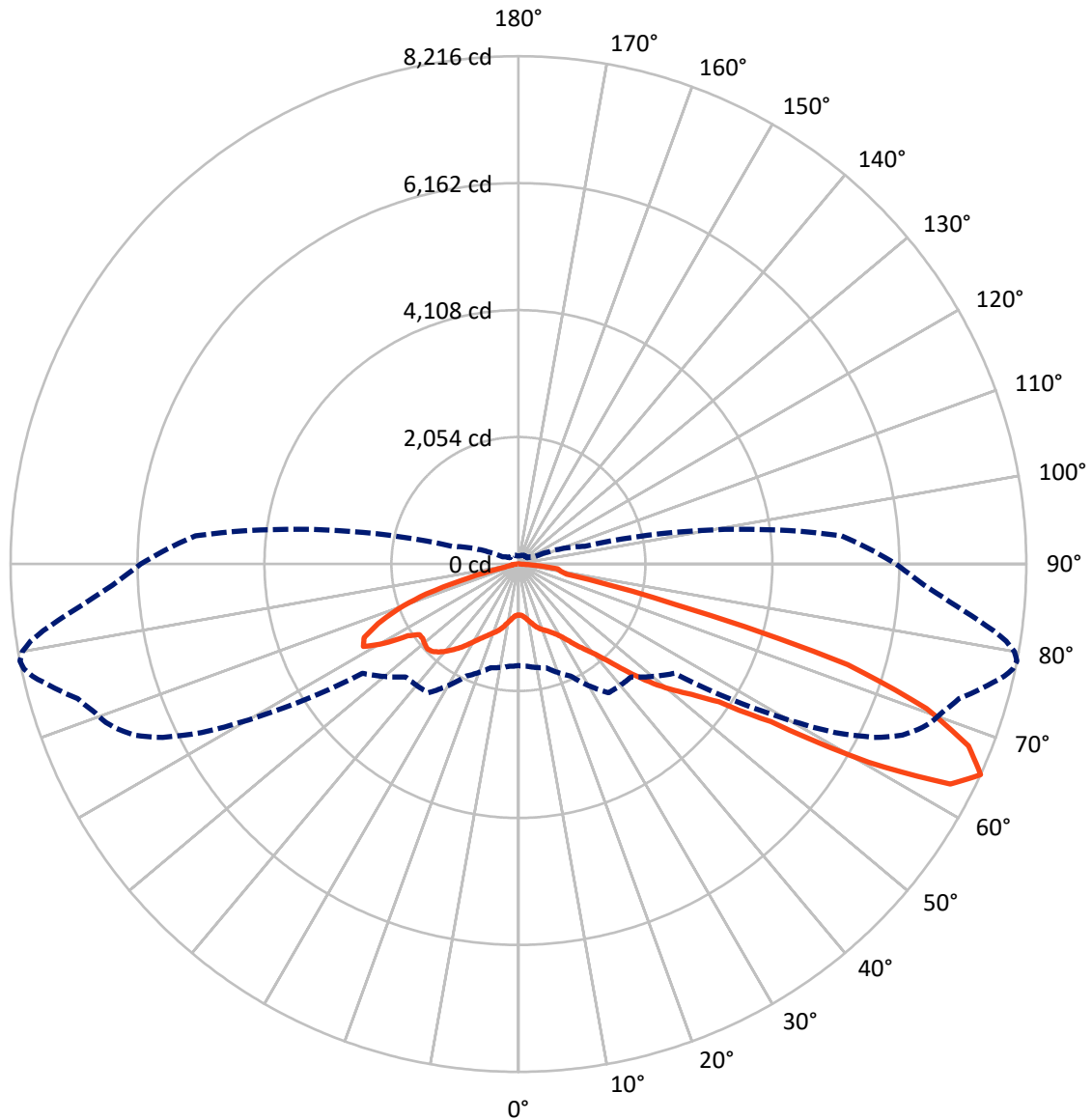
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.9 fc  
 Type II - Short - Non-Cutoff

REPORT NUMBER: P180491  
CATALOG NUMBER: ICM-F04-LED-E1-SL2-8030

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P180491

CATALOG NUMBER: ICM-F04-LED-E1-SL2-8030

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1872.4	0.0	1872.4
	% Fixture	23.6	0.0	23.6
<b>Street Side</b>	Lumens	6048.0	0.0	6048.0
	% Fixture	76.4	0.0	76.4
<b>Total</b>	Lumens	7920.4	0.0	7920.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	82.0	1.0
10°-20°	268.0	3.4
20°-30°	462.8	5.8
30°-40°	766.1	9.7
40°-50°	1299.4	16.4
50°-60°	1726.4	21.8
60°-70°	2230.1	28.2
70°-80°	935.3	11.8
80°-90°	150.2	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°	7920.4	100.0
0°-180°	7920.4	100.0



REPORT NUMBER: P180491

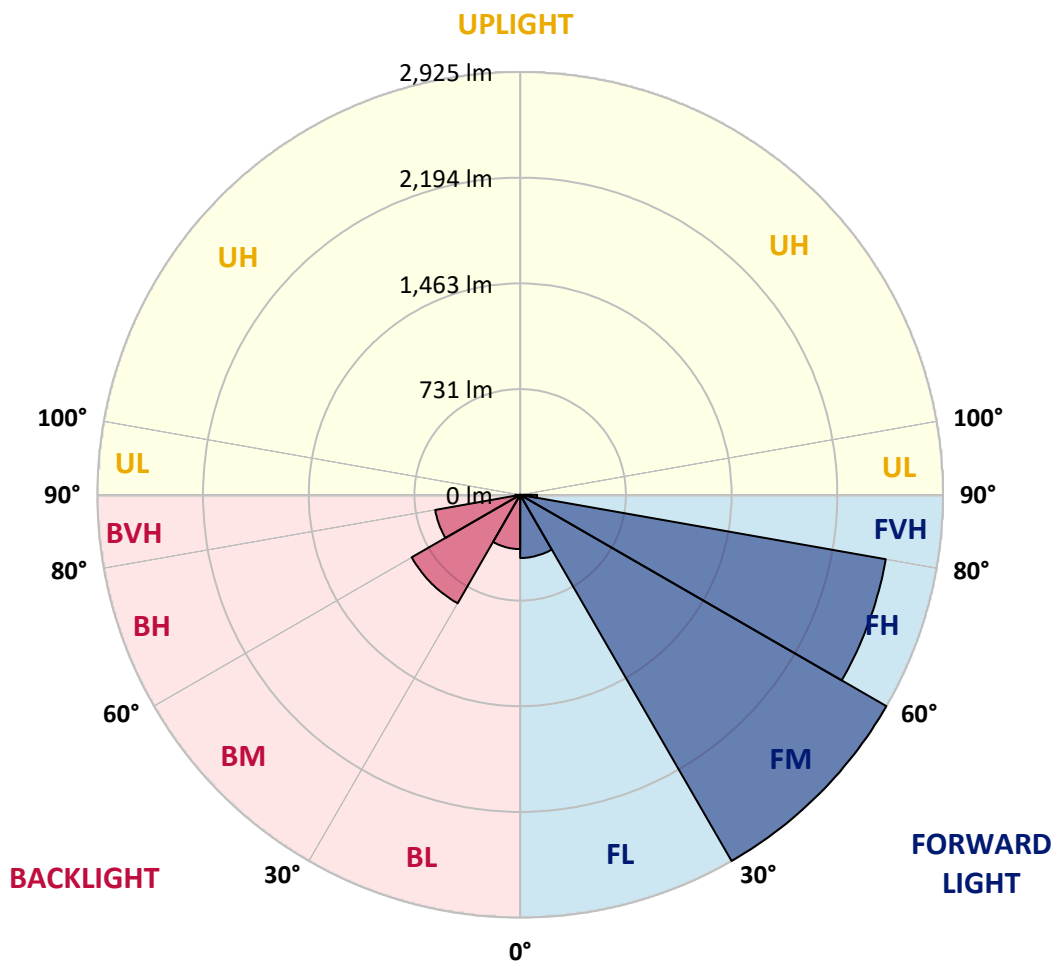
CATALOG NUMBER: ICM-F04-LED-E1-SL2-8030

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	437.0	5.5			
FM (30°-60°)	2925.2	36.9			
FH (60°-80°)	2568.3	32.4			G2/5000
FVH (80°-90°)	117.5	1.5			G2/225
BL (0°-30°)	375.7	4.7	B1/500		
BM (30°-60°)	866.7	10.9	B1/1000		
BH (60°-80°)	597.2	7.5	B2/1000		G2/1000
BVH (80°-90°)	32.8	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





REPORT NUMBER: P180491

CATALOG NUMBER: ICM-F04-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4
2.5°	821.9	824.4	822.7	824.4	826.1	827.0	828.7	827.9	827.9	828.7	827.0
5°	821.9	821.9	824.4	828.7	830.5	835.6	841.7	840.8	841.7	840.8	842.6
7.5°	839.1	838.2	840.8	846.1	847.7	855.5	865.9	867.6	869.4	869.4	871.9
10°	869.4	868.5	871.1	873.7	876.3	882.3	897.0	903.1	903.9	904.7	908.3
12.5°	907.4	906.5	903.1	903.1	902.2	913.4	933.3	944.6	946.2	949.7	952.3
15°	934.1	931.5	926.4	923.0	927.3	945.4	974.8	987.7	989.5	992.1	999.0
17.5°	960.1	957.5	946.2	937.6	943.6	973.0	1012.8	1026.6	1030.1	1032.7	1040.5
20°	996.4	994.7	978.2	957.5	955.8	993.8	1042.2	1060.4	1062.9	1066.4	1074.1
22.5°	1051.7	1043.9	1024.9	986.1	967.0	1005.9	1062.9	1088.0	1091.4	1094.9	1105.3
25°	1120.8	1117.4	1084.6	1024.9	985.1	1018.0	1085.4	1116.5	1121.7	1126.1	1139.8
27.5°	1192.6	1187.4	1151.9	1074.1	1017.1	1042.2	1120.8	1156.3	1163.2	1170.1	1183.1
30°	1256.5	1254.8	1225.4	1140.8	1068.9	1088.0	1177.9	1221.0	1228.8	1237.5	1249.6
32.5°	1406.9	1407.7	1377.5	1291.1	1194.3	1171.0	1260.0	1324.8	1328.2	1338.6	1360.2
35°	1694.6	1698.1	1686.9	1618.6	1509.7	1413.8	1422.4	1486.3	1489.9	1498.5	1519.2
37.5°	1887.4	1894.2	1928.8	1950.4	1895.2	1851.1	1741.3	1716.3	1718.8	1713.7	1709.3
40°	1993.7	2004.0	2094.7	2207.1	2267.5	2268.5	2220.9	2110.3	2068.0	2055.8	2004.0
42.5°	2054.2	2071.5	2200.2	2392.0	2565.7	2684.9	2714.3	2591.6	2560.6	2505.2	2405.9
45°	2093.9	2114.6	2266.7	2529.4	2785.2	2988.3	3141.2	3086.8	3066.1	3032.4	2940.8
47.5°	2087.0	2103.4	2261.5	2576.1	2900.2	3188.8	3460.1	3516.3	3491.3	3482.6	3420.4
50°	1960.8	1975.5	2136.2	2460.3	2837.0	3264.9	3662.3	3821.4	3821.4	3837.8	3818.8
52.5°	1826.0	1838.1	1984.1	2275.4	2633.1	3190.5	3774.7	4038.3	4072.9	4101.3	4146.3
55°	1775.0	1789.7	1900.3	2149.2	2459.5	2978.0	3812.8	4200.8	4264.7	4313.0	4415.1
57.5°	1799.2	1813.9	1892.6	2080.9	2357.5	2761.0	3814.4	4419.4	4543.0	4642.4	4848.9
60°	1903.7	1917.6	1983.3	2144.0	2330.7	2635.7	3741.0	4767.7	4964.7	5151.4	5495.3
62.5°	1855.4	1872.7	1968.6	2248.6	2530.3	2540.7	3475.7	5037.2	5354.5	5630.1	6177.2
65°	1643.6	1661.8	1737.0	1998.8	2542.4	2582.2	3082.5	5042.4	5436.5	5809.0	6399.2
67.5°	1247.8	1254.8	1314.4	1524.4	2033.4	2627.9	2678.1	4445.3	4820.4	5236.0	5845.2
70°	637.8	649.9	667.2	841.7	1309.2	2171.6	2301.3	3276.1	3754.0	4183.5	4915.4
72.5°	221.2	225.6	242.8	321.5	637.8	1425.0	2014.4	2245.1	2533.8	2935.6	3783.4
75°	133.1	133.1	139.2	162.4	291.3	742.3	1792.3	1833.8	1872.7	2007.5	2562.2
77.5°	105.4	107.2	107.2	111.4	161.6	381.1	1361.0	1705.0	1710.2	1723.2	1816.5
80°	75.2	78.6	85.6	89.0	104.6	209.1	763.9	1496.8	1598.7	1648.0	1716.3
82.5°	56.2	59.6	72.6	76.9	81.2	116.7	343.1	1032.7	1218.5	1317.0	1557.2
85°	25.0	29.4	49.3	54.4	57.0	62.2	160.7	293.9	337.9	379.4	500.4
87.5°	4.3	4.3	7.8	11.3	16.5	15.5	35.4	50.1	51.0	59.6	66.5
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: P180491

CATALOG NUMBER: ICM-F04-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (continued):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4
2.5°	827.0	827.0	827.0	826.1	827.0	827.0	827.0	827.0	827.9	827.9	827.9
5°	845.1	843.4	844.3	844.3	844.3	843.4	845.1	844.3	845.1	847.7	846.9
7.5°	871.9	873.7	874.5	875.4	875.4	875.4	876.3	878.0	878.0	880.6	879.7
10°	911.7	910.8	911.7	914.3	916.8	917.8	920.4	919.4	921.2	924.7	928.1
12.5°	954.1	955.8	958.3	960.9	965.3	966.1	968.8	969.6	974.8	974.8	978.2
15°	1001.6	1002.4	1007.6	1008.5	1013.7	1015.4	1019.7	1021.5	1027.5	1028.4	1031.8
17.5°	1044.8	1046.5	1049.1	1051.7	1057.8	1060.4	1063.8	1067.3	1072.5	1074.1	1080.2
20°	1079.4	1082.8	1083.6	1088.8	1094.1	1097.5	1100.9	1104.4	1109.6	1112.2	1118.2
22.5°	1110.4	1114.0	1116.5	1120.8	1124.3	1129.5	1131.2	1137.2	1142.4	1146.8	1151.9
25°	1144.2	1149.3	1151.9	1159.7	1162.3	1167.5	1171.8	1177.9	1184.8	1190.0	1196.8
27.5°	1191.7	1199.4	1202.9	1211.5	1217.6	1220.2	1227.2	1235.7	1241.8	1247.8	1254.8
30°	1257.4	1272.1	1274.6	1280.7	1291.9	1293.7	1302.3	1309.2	1318.7	1324.8	1330.8
32.5°	1359.4	1377.5	1379.3	1386.1	1395.6	1399.1	1406.1	1413.8	1428.5	1431.1	1440.6
35°	1515.7	1523.5	1530.4	1533.0	1540.8	1545.1	1550.3	1559.0	1573.7	1571.9	1582.3
37.5°	1703.3	1705.9	1706.7	1698.1	1699.8	1692.0	1701.6	1703.3	1708.5	1712.8	1723.2
40°	1971.2	1944.4	1940.9	1920.2	1899.5	1888.2	1883.9	1866.6	1870.9	1872.7	1881.3
42.5°	2362.6	2310.8	2267.5	2238.2	2187.3	2162.2	2128.5	2101.7	2080.9	2088.7	2092.2
45°	2858.7	2784.4	2715.3	2625.3	2558.8	2511.3	2451.6	2398.1	2373.9	2362.6	2376.5
47.5°	3353.9	3288.2	3206.9	3114.4	3009.0	2930.4	2831.0	2743.7	2683.3	2660.8	2672.9
50°	3781.6	3721.1	3659.7	3605.3	3482.6	3397.0	3261.4	3148.2	3053.1	3004.8	2991.7
52.5°	4136.8	4104.9	4072.0	4026.2	3927.7	3842.1	3734.1	3622.6	3496.5	3398.0	3364.2
55°	4454.0	4473.0	4456.6	4457.4	4418.5	4364.1	4272.5	4189.5	4101.3	3989.9	3943.2
57.5°	4916.3	5028.6	5051.1	5107.3	5134.9	5164.3	5190.3	5141.0	5118.5	5035.6	5036.4
60°	5644.8	5809.0	5951.6	6081.2	6187.5	6291.2	6400.0	6448.5	6502.1	6527.1	6612.7
62.5°	6419.9	6576.3	6789.0	6962.6	7060.3	7195.1	7313.5	7390.4	7484.6	7584.9	7715.3
65°	6611.8	6800.1	6934.1	7049.9	7146.7	7218.5	7283.2	7374.8	7453.5	7612.5	7766.3
67.5°	6120.0	6270.5	6393.2	6507.2	6582.4	6642.9	6700.8	6761.3	6896.1	7040.4	7195.1
70°	5253.3	5434.8	5637.9	5785.6	5822.8	5874.6	5930.0	6008.6	6076.0	6227.2	6344.8
72.5°	4220.6	4481.6	4653.6	4858.4	4902.4	4981.1	5012.2	5073.5	5085.7	5167.8	5198.8
75°	2941.7	3240.7	3413.5	3563.8	3593.2	3550.1	3567.3	3350.4	3295.1	3250.2	3213.9
77.5°	1941.8	2022.2	2049.8	2025.6	1909.8	1819.1	1722.3	1627.3	1637.6	1560.7	1425.9
80°	1726.6	1744.8	1719.7	1695.5	1628.9	1533.9	1446.6	1357.6	1313.6	1266.9	1197.8
82.5°	1679.9	1750.0	1757.7	1728.4	1675.6	1571.9	1466.5	1334.2	1222.0	1118.2	1012.8
85°	561.7	683.5	738.0	789.0	804.6	822.7	760.5	675.8	573.8	505.6	395.8
87.5°	71.7	89.0	102.8	88.2	102.8	121.0	87.3	97.7	98.5	61.4	45.8
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: P180491

CATALOG NUMBER: ICM-F04-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (continued):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4
2.5°	828.7	827.9	827.9	827.9	827.0	827.9	827.9	827.9	827.9	827.9	827.0
5°	847.7	847.7	850.3	851.2	849.5	848.7	849.5	850.3	850.3	849.5	850.3
7.5°	883.2	884.0	885.8	888.4	886.6	887.5	888.4	887.5	890.1	891.0	890.1
10°	928.1	929.9	934.1	935.1	934.1	937.6	938.5	936.7	938.5	938.5	942.0
12.5°	980.0	981.7	986.9	988.7	990.3	991.2	993.8	994.7	997.2	999.0	1001.6
15°	1036.1	1037.9	1041.3	1047.4	1049.1	1050.8	1052.6	1057.8	1058.6	1062.1	1064.7
17.5°	1083.6	1086.2	1091.4	1095.7	1098.3	1102.7	1104.4	1110.4	1112.2	1117.4	1121.7
20°	1121.7	1126.1	1130.3	1135.5	1139.8	1145.0	1146.8	1152.8	1156.3	1158.9	1164.0
22.5°	1156.3	1161.5	1167.5	1173.6	1177.0	1183.9	1186.5	1189.1	1196.8	1200.4	1205.5
25°	1201.2	1206.4	1213.3	1221.0	1224.6	1233.2	1235.7	1240.1	1248.8	1252.2	1260.0
27.5°	1262.5	1269.5	1274.6	1282.4	1286.8	1292.8	1298.9	1304.0	1311.8	1317.0	1325.7
30°	1339.5	1344.7	1353.3	1359.4	1366.2	1374.9	1381.8	1387.0	1391.4	1399.1	1408.6
32.5°	1452.7	1453.5	1456.1	1470.8	1477.8	1484.7	1494.1	1498.5	1505.4	1513.1	1523.5
35°	1593.5	1601.3	1607.4	1614.2	1622.1	1629.9	1633.3	1646.2	1652.3	1662.7	1673.0
37.5°	1733.5	1734.4	1748.2	1752.6	1759.5	1767.3	1779.4	1792.3	1807.8	1818.2	1834.6
40°	1883.9	1890.8	1908.1	1916.8	1925.4	1944.4	1953.9	1974.6	2000.6	2015.3	2042.9
42.5°	2101.7	2112.0	2143.2	2156.9	2177.7	2208.9	2228.7	2257.2	2267.5	2303.0	2316.0
45°	2386.8	2418.8	2463.7	2493.1	2530.3	2564.0	2581.3	2594.2	2609.8	2637.4	2634.0
47.5°	2695.4	2736.9	2787.0	2847.5	2871.6	2911.4	2933.9	2958.9	2945.1	2938.2	2931.3
50°	3011.6	3060.0	3126.6	3181.0	3218.2	3242.3	3261.4	3258.0	3228.6	3213.0	3169.8
52.5°	3363.4	3391.8	3455.0	3501.6	3524.1	3529.3	3525.0	3499.0	3471.4	3422.2	3371.2
55°	3902.6	3889.6	3914.7	3936.3	3929.4	3953.6	3891.4	3867.2	3798.9	3735.0	3666.7
57.5°	4998.4	5015.7	4875.7	4812.6	4801.3	4823.8	4714.1	4700.2	4535.2	4514.4	4399.5
60°	6600.6	6685.3	6575.5	6514.2	6348.2	6293.8	6171.1	6120.0	5961.9	5834.0	5672.4
62.5°	7805.3	7882.1	7928.0	7840.6	7743.9	7601.3	7415.5	7209.8	7042.2	6846.0	6674.8
65°	7914.1	8069.6	8175.1	8215.7	8147.4	7991.0	7762.0	7502.7	7246.1	6999.8	6783.8
67.5°	7405.1	7544.2	7707.6	7853.6	7862.3	7760.2	7565.0	7301.4	7005.0	6700.8	6447.6
70°	6530.6	6705.2	6847.7	7001.5	7108.7	7049.9	6952.2	6710.3	6402.6	6165.9	5874.6
72.5°	5311.2	5384.7	5419.2	5570.5	5572.2	5465.1	5395.9	5262.0	5013.9	4846.3	4624.2
75°	3101.5	2939.9	2767.9	2618.4	2496.6	2445.6	2219.2	2181.1	2029.0	1934.9	1796.7
77.5°	1279.0	1134.7	948.8	794.1	641.2	572.1	471.8	427.7	370.7	345.7	329.2
80°	1096.7	960.1	820.1	686.1	566.9	447.6	348.3	270.5	212.6	180.7	167.6
82.5°	895.3	813.2	715.5	643.0	549.6	460.6	388.8	301.6	225.6	166.0	127.1
85°	323.2	265.3	213.5	196.2	156.4	128.7	108.0	92.5	76.1	60.5	53.6
87.5°	36.3	34.6	19.9	19.0	21.6	15.5	18.1	16.5	13.9	12.1	12.9
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: P180491

CATALOG NUMBER: ICM-F04-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4	824.4
2.5°	827.0	827.0	827.9	827.9	828.7	829.6	831.4	830.5	830.5	831.4	831.4
5°	850.3	852.9	852.1	852.1	852.1	852.9	853.8	850.3	846.9	843.4	841.7
7.5°	891.0	892.7	894.4	892.7	894.4	893.6	891.8	882.3	871.1	857.2	847.7
10°	943.6	943.6	945.4	944.6	948.0	945.4	940.2	918.6	894.4	865.0	843.4
12.5°	1000.8	1006.8	1004.2	1005.0	1011.9	1005.0	992.9	960.9	917.8	870.2	832.2
15°	1068.1	1070.7	1072.5	1069.9	1074.1	1068.1	1046.5	995.5	932.5	865.9	809.8
17.5°	1123.4	1124.3	1125.1	1126.9	1132.9	1126.1	1088.8	1019.7	935.9	846.1	771.7
20°	1166.6	1171.0	1174.4	1174.4	1183.1	1172.7	1123.4	1031.8	924.7	813.2	723.4
22.5°	1211.5	1215.0	1219.4	1220.2	1231.4	1221.0	1151.9	1029.2	895.3	766.5	667.2
25°	1266.9	1270.3	1273.8	1278.1	1293.7	1279.0	1180.5	1018.9	854.7	711.3	606.6
27.5°	1330.8	1338.6	1341.2	1348.1	1366.2	1343.8	1204.7	1003.3	809.8	647.3	542.7
30°	1416.4	1425.9	1429.3	1438.9	1463.9	1414.6	1218.5	976.5	752.7	582.4	474.4
32.5°	1531.4	1544.3	1554.6	1565.0	1593.5	1485.5	1220.2	937.6	686.1	509.9	408.7
35°	1681.7	1701.6	1709.3	1716.3	1743.1	1562.4	1212.5	879.7	604.9	435.5	356.9
37.5°	1850.2	1870.1	1875.3	1878.7	1883.9	1628.1	1193.4	791.5	513.3	370.7	315.4
40°	2057.6	2074.9	2081.8	2076.6	2048.9	1679.1	1151.1	688.7	424.3	326.7	289.5
42.5°	2310.8	2336.8	2339.4	2316.0	2224.4	1707.6	1066.4	567.7	354.3	294.7	269.6
45°	2624.5	2622.8	2608.1	2591.6	2415.4	1696.4	948.0	462.3	310.2	269.6	251.4
47.5°	2906.3	2876.9	2854.3	2806.0	2583.9	1630.7	795.1	382.8	283.4	250.6	235.9
50°	3136.9	3083.4	3035.8	2983.1	2709.2	1514.1	643.0	324.9	258.4	234.2	221.2
52.5°	3319.3	3254.4	3199.2	3147.3	2830.2	1384.4	527.2	282.6	234.2	217.8	204.8
55°	3604.5	3539.6	3451.5	3394.4	3015.1	1265.1	452.0	248.8	210.9	200.5	187.5
57.5°	4326.1	4269.0	4163.6	4015.8	3490.4	1220.2	409.6	223.0	191.8	185.8	175.4
60°	5586.0	5493.5	5356.1	5205.8	4456.6	1250.4	375.9	204.8	178.9	173.7	166.0
62.5°	6536.6	6374.2	6218.5	6079.5	5229.1	1249.6	331.8	191.0	169.4	166.8	159.0
65°	6575.5	6410.5	6254.0	6107.9	5246.4	1112.2	280.0	178.9	167.6	166.8	153.9
67.5°	6226.4	6047.5	5896.2	5712.2	4856.7	869.4	224.7	171.1	174.6	172.8	152.1
70°	5656.0	5422.7	5298.3	5116.8	4274.2	608.4	184.9	173.7	189.2	184.1	154.7
72.5°	4439.3	4263.0	4073.7	3947.6	3346.1	384.6	155.5	175.4	195.3	186.7	161.6
75°	1652.3	1699.8	1622.1	1594.4	1699.8	225.6	138.2	163.3	174.6	161.6	146.9
77.5°	333.6	318.9	302.4	299.0	386.3	139.2	127.1	141.8	134.0	118.4	119.3
80°	159.9	155.5	150.3	149.5	143.4	115.8	117.5	121.0	101.1	91.6	97.7
82.5°	106.3	100.3	98.5	95.1	96.7	103.7	111.4	103.7	77.8	72.6	88.2
85°	49.3	47.5	46.7	46.7	51.8	93.3	92.5	76.1	53.6	51.8	88.2
87.5°	12.1	12.1	12.9	12.1	13.9	27.6	24.2	23.3	19.9	22.5	41.5
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: P180491

CATALOG NUMBER: ICM-F04-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	824.4	824.4	824.4
2.5°	830.5	831.4	830.5
5°	838.2	838.2	838.2
7.5°	838.2	835.6	834.8
10°	826.1	818.3	818.3
12.5°	805.4	792.5	790.7
15°	766.5	749.2	746.6
17.5°	717.3	694.0	689.6
20°	662.0	632.6	627.4
22.5°	601.5	567.7	565.2
25°	541.9	507.3	500.4
27.5°	475.3	441.6	438.1
30°	408.7	379.4	377.7
32.5°	352.6	334.4	331.0
35°	312.8	302.4	298.1
37.5°	286.9	279.2	278.2
40°	267.1	260.1	259.3
42.5°	250.6	244.6	243.7
45°	234.2	229.0	227.3
47.5°	217.8	212.6	211.7
50°	203.1	196.2	195.3
52.5°	189.2	182.3	180.7
55°	176.3	169.4	169.4
57.5°	165.0	158.1	157.3
60°	154.7	147.8	146.9
62.5°	146.9	138.2	137.4
65°	140.8	132.2	130.5
67.5°	137.4	127.1	124.5
70°	143.4	124.5	120.1
72.5°	144.3	121.9	115.8
75°	139.2	115.0	110.6
77.5°	121.9	102.8	98.5
80°	105.4	79.5	73.5
82.5°	100.3	64.8	56.2
85°	77.8	42.3	39.7
87.5°	44.1	23.3	19.0
90°	0.0	0.0	0.0

(END OF REPORT)