

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: P180681

Luminaire Tested: **ICM-F03-LED-E1-SL3-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180681  
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-F03-LED-E1-SL3-8030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL  
Light Source: (21) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5903.5 lumens  
Efficiency: N/A  
Efficacy: 75.4 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Semi-Cutoff  
BUG Rating: B1 - U0 - G2

Input Watts (W): 78.3  
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

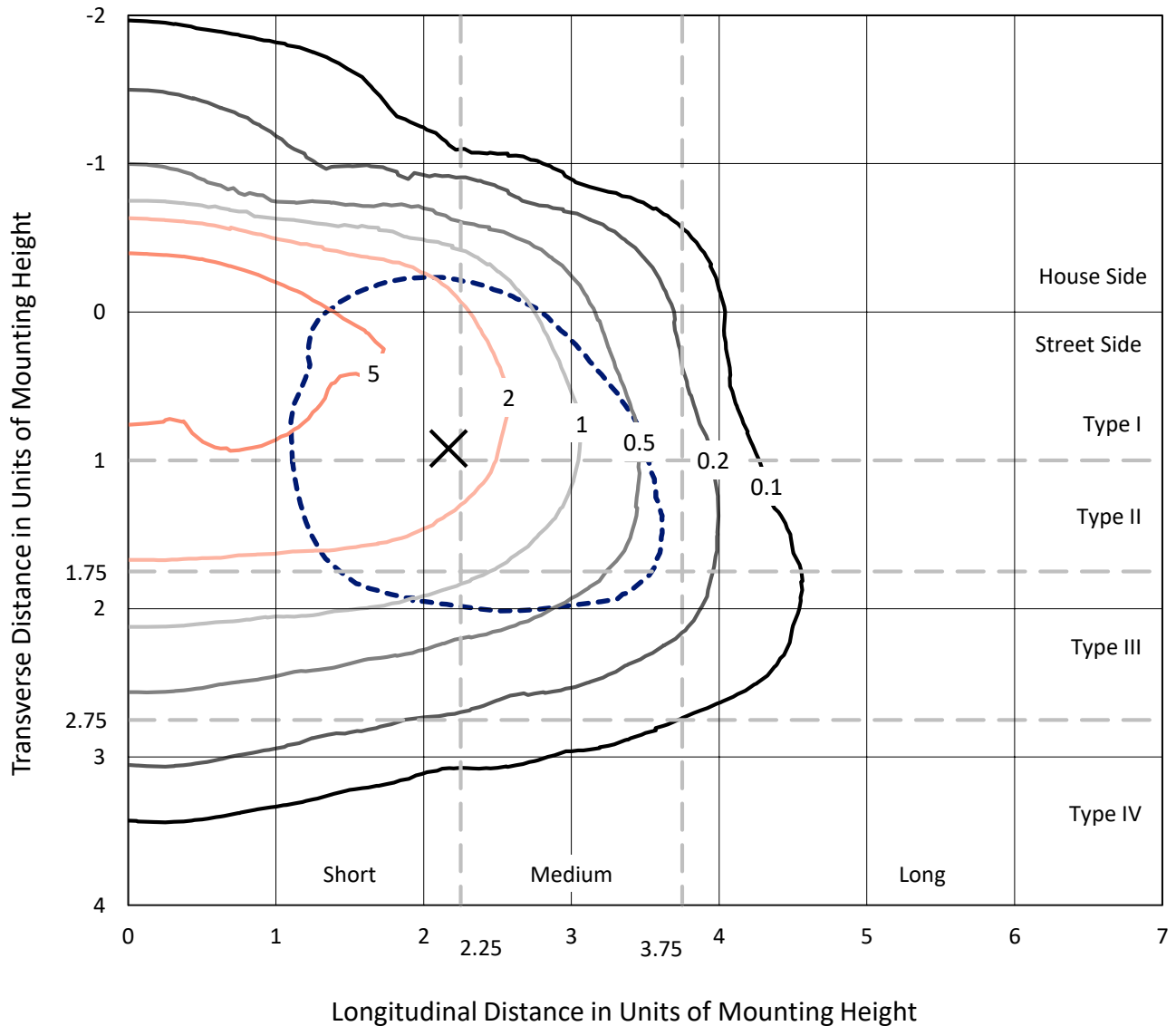


REPORT NUMBER: P180681

CATALOG NUMBER: ICM-F03-LED-E1-SL3-8030

### Iso-Footcandle Lines of Horizontal Illumination

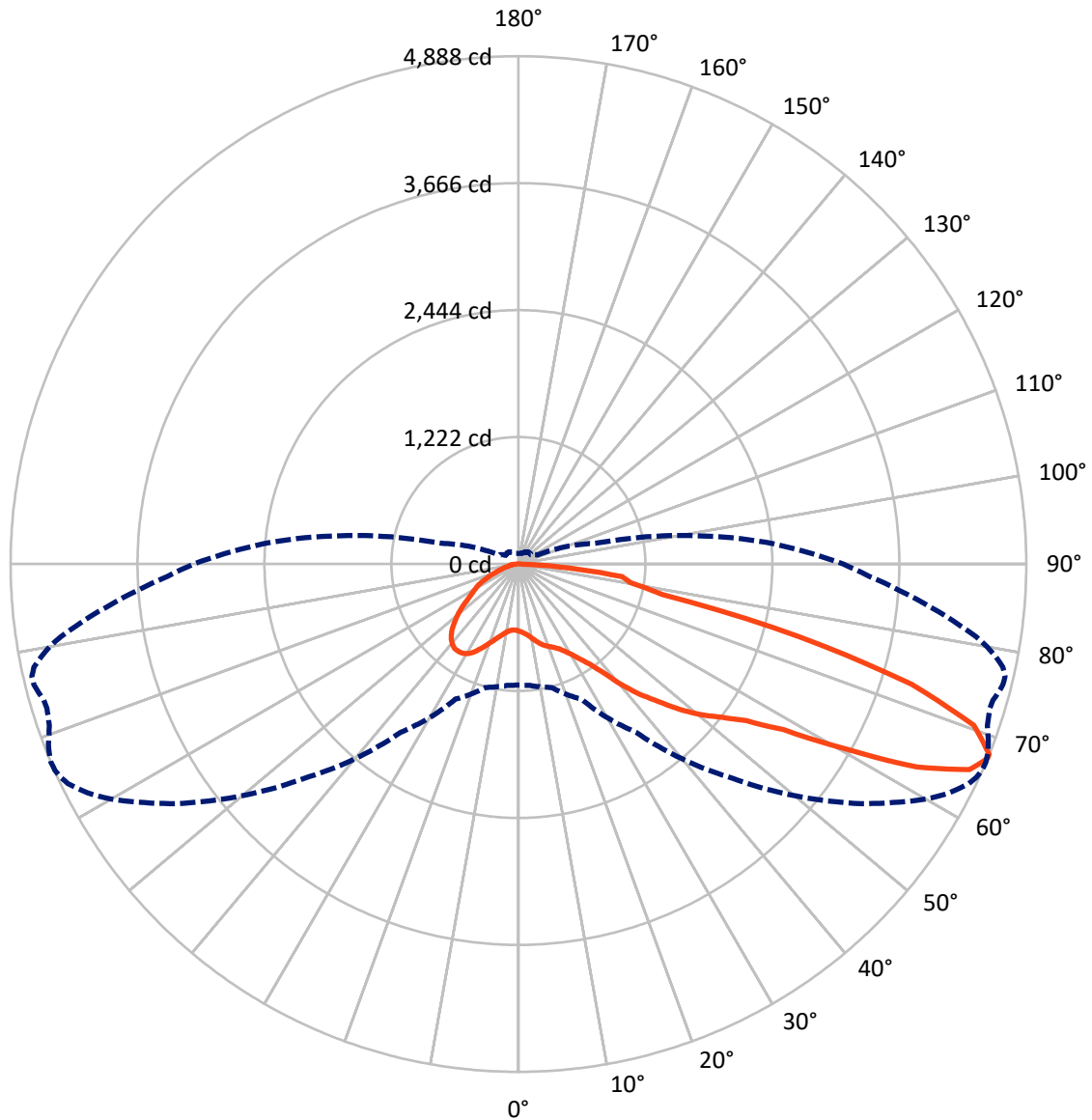
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.3 fc  
 Type III - Short - Semi-Cutoff

REPORT NUMBER: P180681  
CATALOG NUMBER: ICM-F03-LED-E1-SL3-8030

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P180681

CATALOG NUMBER: ICM-F03-LED-E1-SL3-8030

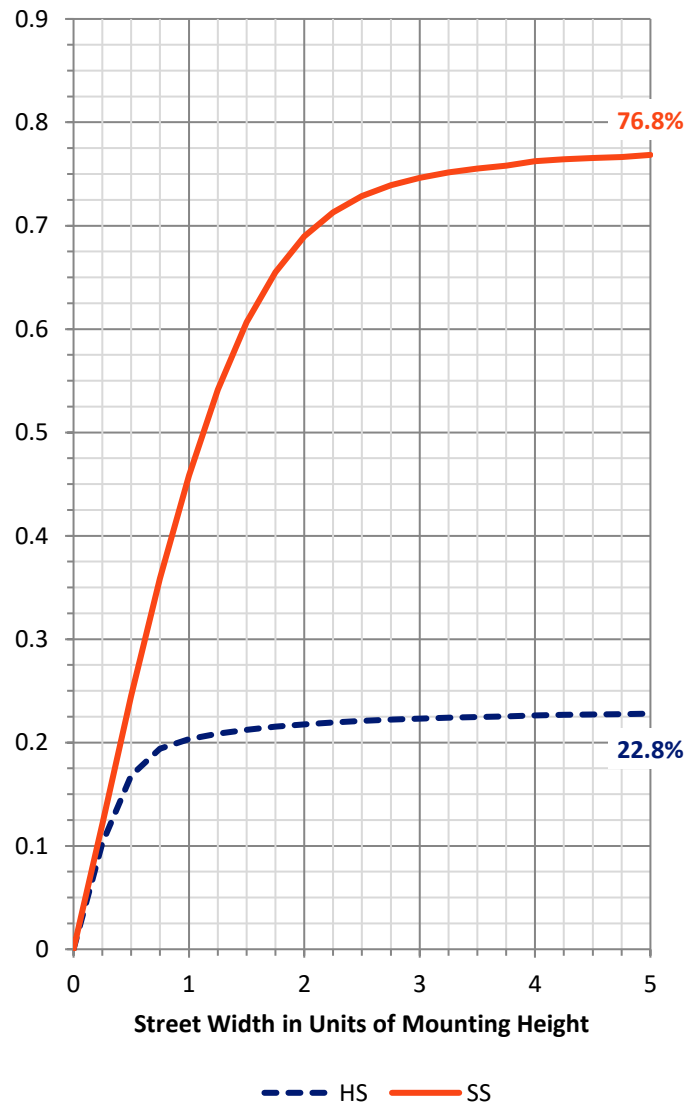
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1362.3	0.0	1362.3
	% Fixture	23.1	0.0	23.1
<b>Street Side</b>	Lumens	4541.2	0.0	4541.2
	% Fixture	76.9	0.0	76.9
<b>Total</b>	Lumens	5903.5	0.0	5903.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	64.2	1.1
10°-20°	220.2	3.7
20°-30°	388.7	6.6
30°-40°	558.0	9.5
40°-50°	847.5	14.4
50°-60°	1247.8	21.1
60°-70°	1658.2	28.1
70°-80°	811.2	13.7
80°-90°	107.7	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°	5903.5	100.0
0°-180°	5903.5	100.0



REPORT NUMBER: P180681

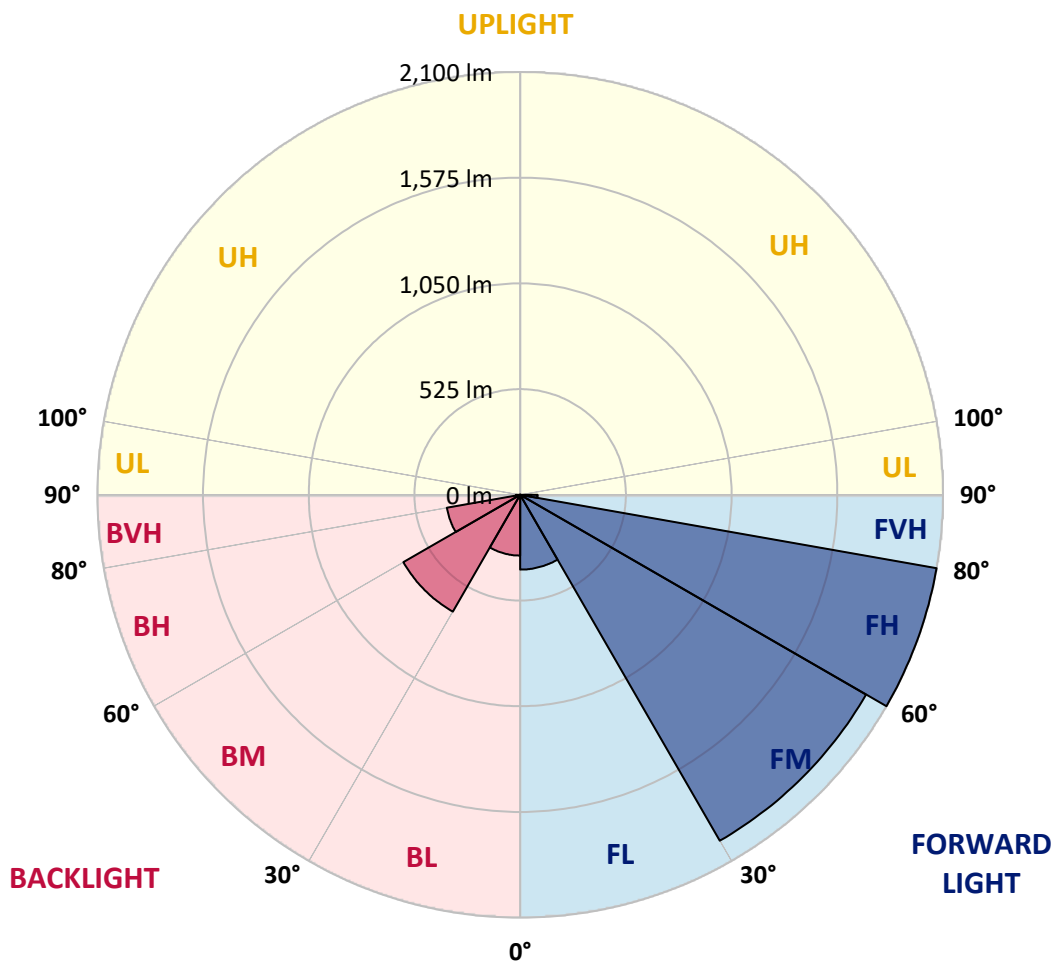
CATALOG NUMBER: ICM-F03-LED-E1-SL3-8030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	371.4	6.3			
FM	(30°-60°)	1983.4	33.6			
FH	(60°-80°)	2099.8	35.6			G2/5000
FVH	(80°-90°)	86.5	1.5			G1/100
BL	(0°-30°)	301.7	5.1	B1/500		
BM	(30°-60°)	669.8	11.3	B1/1000		
BH	(60°-80°)	369.6	6.3	B1/500		G1/500
BVH	(80°-90°)	21.2	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**

Type III Short





REPORT NUMBER: P180681

CATALOG NUMBER: ICM-F03-LED-E1-SL3-8030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9
2.5°	675.4	676.0	674.7	674.1	670.1	666.2	663.7	660.5	660.5	660.5	659.2
5°	713.6	711.0	712.9	708.4	700.7	693.5	686.3	680.6	679.3	679.3	676.7
7.5°	759.6	756.4	755.1	748.6	736.9	726.5	712.3	706.4	703.3	702.0	700.7
10°	815.4	815.4	806.9	795.9	780.4	762.2	746.6	736.3	735.6	735.6	729.8
12.5°	872.4	873.7	862.7	851.6	826.3	802.4	784.3	772.6	771.9	769.3	766.1
15°	924.8	921.7	914.5	898.3	870.4	842.0	819.3	807.5	804.9	802.4	800.5
17.5°	968.3	965.0	956.0	935.3	906.1	872.4	844.5	832.2	830.9	829.6	827.0
20°	995.5	992.9	980.0	956.0	925.5	891.2	861.4	852.9	850.3	850.3	849.0
22.5°	1011.1	1007.2	988.4	956.7	926.8	901.6	876.9	871.7	869.8	870.4	870.4
25°	1018.9	1015.6	989.0	943.6	915.2	908.0	897.7	894.4	895.1	895.7	897.0
27.5°	1020.2	1015.6	984.5	926.8	900.3	920.4	927.4	932.7	932.7	935.3	939.8
30°	1010.4	1005.2	975.4	913.9	893.8	944.9	973.5	987.1	992.3	991.0	1001.4
32.5°	993.6	990.3	966.3	913.9	911.9	993.6	1044.1	1063.5	1066.1	1067.4	1079.2
35°	987.7	987.1	976.8	944.9	968.3	1079.2	1156.3	1171.2	1174.4	1174.4	1182.8
37.5°	986.4	989.7	1001.4	1003.3	1067.4	1206.1	1307.3	1330.0	1330.0	1336.5	1336.5
40°	986.4	993.6	1037.7	1090.1	1188.7	1371.5	1511.5	1537.4	1537.4	1544.5	1540.6
42.5°	1024.7	1035.1	1107.6	1207.4	1341.6	1541.9	1702.6	1731.8	1733.8	1731.8	1737.6
45°	1099.9	1108.9	1197.1	1340.3	1499.1	1724.7	1885.4	1920.4	1913.3	1917.8	1919.7
47.5°	1199.7	1214.0	1314.4	1485.5	1652.8	1893.9	2090.2	2122.0	2119.4	2121.3	2112.9
50°	1306.0	1320.8	1433.0	1629.4	1805.7	2030.0	2254.8	2302.2	2297.6	2300.9	2305.4
52.5°	1399.9	1409.0	1517.3	1737.6	1921.7	2156.9	2381.2	2440.2	2450.6	2451.9	2455.1
55°	1455.7	1466.7	1565.9	1791.5	2006.0	2281.4	2525.8	2615.2	2635.3	2640.5	2654.7
57.5°	1475.2	1486.8	1576.9	1799.2	2052.0	2398.1	2727.4	2884.9	2901.7	2929.5	2974.9
60°	1474.5	1486.8	1565.2	1781.7	2098.6	2542.6	3041.0	3304.9	3390.3	3418.9	3483.7
62.5°	1414.2	1428.5	1508.2	1728.6	2158.2	2727.4	3507.6	3913.4	4023.6	4075.5	4145.4
65°	1282.0	1292.4	1366.9	1593.8	2141.4	2909.4	3897.9	4404.0	4504.5	4580.3	4705.4
67°	1164.7	1171.2	1229.5	1434.3	1976.8	2915.9	4021.0	4525.9	4613.4	4693.8	4822.7
67.5°	1134.9	1148.5	1193.9	1385.7	1915.3	2879.0	4012.6	4507.1	4596.5	4680.1	4816.2
70°	923.5	943.1	965.7	1094.7	1505.6	2422.1	3715.1	4181.7	4260.1	4338.0	4527.8
72.5°	569.7	604.7	609.2	690.9	980.0	1674.1	3006.1	3526.4	3585.4	3641.2	3835.7
75°	335.7	340.9	357.1	423.3	574.9	1000.8	2016.9	2619.7	2674.2	2701.4	2853.7
77.5°	187.3	192.5	206.1	263.2	442.0	674.1	1174.4	1539.3	1572.4	1606.7	1582.1
80°	77.8	84.9	91.3	106.3	206.8	532.1	807.5	978.7	1000.1	1020.2	1045.4
82.5°	37.6	40.2	49.3	56.4	75.2	218.4	633.2	848.4	873.7	902.9	961.9
85°	17.5	19.4	27.3	32.4	36.3	55.1	211.9	412.8	447.8	454.3	466.0
87.5°	1.3	1.3	3.3	4.6	6.5	7.2	22.0	31.1	35.0	31.7	40.2
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: P180681

CATALOG NUMBER: ICM-F03-LED-E1-SL3-8030

**CANDELA DISTRIBUTION (continued):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9
2.5°	658.5	657.9	656.6	656.6	655.9	655.9	655.9	654.6	654.6	654.6	654.0
5°	676.0	675.4	673.4	673.4	672.1	672.1	670.1	669.5	668.2	668.2	667.5
7.5°	698.7	698.1	695.4	695.4	693.5	692.8	691.5	689.6	689.6	688.3	687.0
10°	729.8	727.8	727.2	724.0	724.7	723.4	722.1	720.1	718.8	717.5	716.2
12.5°	764.7	764.7	761.6	759.6	760.9	759.6	757.0	756.4	754.4	754.4	752.5
15°	797.9	797.9	796.6	794.0	794.6	792.7	792.0	790.7	788.1	788.7	788.1
17.5°	826.3	826.3	824.4	823.2	823.2	821.2	821.9	820.6	819.3	818.6	816.7
20°	849.0	849.0	847.7	846.4	847.1	847.1	845.1	845.1	845.1	843.8	843.8
22.5°	871.1	871.7	871.7	871.7	872.4	873.0	872.4	873.7	873.0	874.3	874.3
25°	900.3	902.2	903.4	903.4	906.7	907.4	908.0	910.0	910.0	911.9	912.6
27.5°	943.6	944.9	950.1	951.4	952.1	957.3	958.0	960.6	963.1	963.7	964.4
30°	1003.3	1006.5	1010.4	1013.0	1013.0	1019.5	1022.1	1020.8	1027.9	1029.9	1032.5
32.5°	1083.0	1085.6	1089.5	1092.1	1094.7	1098.0	1098.6	1101.9	1107.6	1112.8	1109.6
35°	1183.4	1190.0	1183.4	1190.6	1192.6	1197.1	1195.8	1199.7	1202.2	1204.2	1203.5
37.5°	1329.3	1326.1	1324.8	1322.1	1317.7	1333.2	1325.4	1324.8	1320.8	1331.9	1324.8
40°	1521.1	1523.1	1525.0	1514.7	1508.8	1508.8	1506.9	1499.7	1496.6	1506.2	1504.9
42.5°	1721.4	1723.4	1714.3	1707.8	1692.9	1691.0	1681.9	1679.9	1676.8	1681.9	1676.8
45°	1903.5	1904.8	1884.8	1888.0	1876.3	1878.2	1864.0	1869.9	1862.1	1867.3	1876.9
47.5°	2107.1	2109.7	2092.2	2099.3	2087.6	2080.5	2079.8	2083.7	2075.3	2080.5	2083.1
50°	2291.8	2288.6	2279.5	2281.4	2276.2	2277.5	2269.8	2276.9	2267.2	2277.5	2276.2
52.5°	2455.7	2451.9	2450.0	2456.4	2451.9	2451.9	2447.4	2450.6	2451.9	2467.5	2470.7
55°	2654.7	2658.0	2661.2	2672.9	2678.1	2669.7	2678.1	2694.2	2694.9	2731.8	2751.9
57.5°	2974.3	2996.9	3008.6	3015.7	3046.3	3043.0	3062.4	3101.3	3105.2	3190.7	3240.7
60°	3531.6	3571.8	3610.1	3589.3	3650.9	3669.7	3681.4	3754.0	3776.7	3857.7	3901.1
62.5°	4235.6	4240.0	4299.7	4280.9	4315.9	4307.5	4321.7	4354.8	4384.6	4451.4	4492.2
65°	4726.8	4748.2	4771.6	4747.6	4746.9	4718.4	4700.2	4699.6	4717.7	4732.0	4777.3
67°	4860.3	4881.7	4887.6	4870.1	4844.8	4808.5	4774.8	4757.2	4745.6	4752.1	4780.6
67.5°	4859.0	4879.1	4886.3	4869.4	4834.4	4803.9	4768.3	4748.2	4732.7	4735.8	4759.8
70°	4582.9	4626.4	4649.7	4654.9	4650.4	4597.1	4566.7	4548.6	4535.7	4503.8	4501.9
72.5°	3882.9	3935.5	3953.6	3982.7	3995.7	3917.3	3884.2	3904.3	3859.0	3758.5	3763.0
75°	2851.1	2855.0	2794.1	2782.4	2739.0	2561.4	2508.3	2459.6	2381.9	2260.7	2146.6
77.5°	1486.1	1485.5	1415.5	1379.8	1328.0	1221.0	1215.9	1129.0	1068.1	957.3	917.1
80°	1055.8	1072.7	1096.0	1107.6	1089.5	1048.0	991.0	929.4	858.8	789.4	706.4
82.5°	982.0	992.3	1004.6	959.3	934.0	875.6	832.2	742.8	692.8	613.8	530.1
85°	477.7	509.4	484.8	456.3	446.6	349.3	337.7	282.0	256.0	210.6	196.4
87.5°	30.4	37.6	33.7	30.4	26.6	14.9	20.1	14.2	14.9	11.0	9.8
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: P180681

CATALOG NUMBER: ICM-F03-LED-E1-SL3-8030

**CANDELA DISTRIBUTION (continued):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9
2.5°	654.0	653.3	652.7	652.0	651.4	651.4	650.7	650.1	649.4	648.1	648.1
5°	666.2	666.2	665.6	664.4	664.4	663.1	661.1	660.5	660.5	659.2	657.9
7.5°	686.3	685.7	684.5	683.8	682.5	681.2	679.9	678.6	678.0	676.0	675.4
10°	716.8	715.5	712.3	711.0	710.3	709.0	707.7	706.4	704.6	703.3	702.6
12.5°	751.2	750.5	747.9	749.2	746.0	744.7	743.4	740.2	741.5	738.9	737.6
15°	785.5	786.1	784.8	784.8	782.3	780.4	779.1	776.5	775.8	774.5	773.2
17.5°	816.0	817.3	815.4	814.1	812.7	811.4	808.8	806.2	806.2	803.7	802.4
20°	843.8	845.1	844.5	843.3	841.3	840.7	839.4	837.4	837.4	836.1	834.1
22.5°	875.6	876.3	876.3	875.6	873.7	874.3	873.0	871.1	871.7	869.1	869.1
25°	913.9	915.2	916.5	917.1	915.8	916.5	915.2	913.9	913.2	913.9	913.2
27.5°	966.3	967.6	971.5	968.3	971.5	972.2	970.2	967.6	969.6	972.8	970.9
30°	1035.7	1034.4	1039.6	1040.3	1039.6	1040.3	1039.0	1037.0	1038.3	1044.1	1040.9
32.5°	1113.5	1116.1	1117.4	1118.7	1120.7	1123.2	1121.3	1119.4	1122.5	1120.7	1125.1
35°	1207.4	1213.3	1215.3	1213.3	1214.6	1219.2	1218.5	1219.2	1225.6	1219.2	1227.5
37.5°	1326.1	1331.9	1336.5	1333.9	1337.1	1337.1	1342.2	1356.6	1347.5	1359.2	1368.2
40°	1498.5	1507.5	1508.2	1507.5	1510.8	1514.7	1519.8	1535.5	1525.0	1537.4	1545.8
42.5°	1676.1	1687.1	1691.0	1684.5	1691.6	1700.0	1700.7	1714.3	1715.0	1716.9	1721.4
45°	1876.3	1886.1	1893.9	1890.6	1891.3	1902.2	1899.6	1912.7	1902.9	1902.9	1905.5
47.5°	2089.6	2098.6	2103.8	2109.0	2102.5	2112.3	2116.8	2114.2	2102.5	2099.9	2084.4
50°	2284.0	2291.8	2299.5	2313.8	2313.1	2317.7	2320.9	2309.3	2306.7	2292.5	2274.9
52.5°	2490.2	2510.2	2527.7	2557.5	2562.1	2577.6	2571.7	2552.3	2549.1	2525.8	2502.4
55°	2777.2	2834.9	2860.2	2906.3	2937.3	2936.7	2923.7	2920.5	2895.8	2849.1	2821.3
57.5°	3277.0	3367.0	3410.4	3470.1	3479.8	3474.0	3457.1	3427.3	3384.6	3306.1	3255.6
60°	3998.4	4054.1	4104.6	4118.9	4126.0	4115.0	4056.0	3989.9	3906.3	3798.1	3707.9
62.5°	4543.4	4600.4	4638.0	4632.2	4587.5	4531.1	4444.9	4334.1	4216.8	4095.6	3960.8
65°	4820.8	4844.8	4838.9	4793.6	4717.1	4618.5	4492.9	4356.1	4218.1	4074.8	3934.8
67°	4805.9	4806.5	4767.0	4678.8	4581.0	4457.2	4303.6	4154.5	3992.5	3842.1	3675.6
67.5°	4779.3	4776.7	4721.6	4625.1	4519.4	4391.7	4232.3	4078.1	3910.2	3758.5	3586.1
70°	4478.5	4442.3	4317.9	4163.6	4016.5	3844.0	3676.9	3499.9	3310.6	3180.4	2982.1
72.5°	3680.1	3557.6	3343.1	3181.7	3024.2	2798.6	2694.2	2474.5	2341.7	2258.7	2109.0
75°	2131.1	2028.7	1862.7	1711.7	1635.3	1501.7	1438.2	1276.8	1243.1	1241.8	1190.0
77.5°	813.4	709.7	602.8	485.5	412.8	327.9	289.0	258.6	235.3	251.4	228.2
80°	609.9	501.7	392.1	285.2	203.5	150.3	129.0	119.3	113.4	108.9	105.7
82.5°	454.3	358.4	278.0	181.5	127.1	95.9	83.0	77.8	75.2	70.6	66.8
85°	153.6	123.2	97.2	67.4	53.1	43.4	40.2	38.9	36.9	33.7	31.7
87.5°	8.5	7.8	8.5	6.5	7.8	6.5	7.2	7.2	7.2	6.5	6.5
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: P180681

CATALOG NUMBER: ICM-F03-LED-E1-SL3-8030

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9	644.9
2.5°	647.4	647.4	647.4	646.1	644.3	640.4	636.5	633.2	630.0	628.0	626.7
5°	657.2	655.9	655.3	654.6	650.1	642.3	635.2	628.7	622.2	617.0	615.1
7.5°	674.7	672.1	671.4	669.5	663.7	652.0	641.7	631.3	622.2	615.1	611.8
10°	701.3	701.3	697.4	694.8	688.3	672.7	657.9	644.3	631.9	624.2	622.2
12.5°	735.0	735.0	731.7	729.8	722.1	702.0	683.8	667.5	655.9	648.1	647.4
15°	770.0	769.3	766.7	764.2	755.7	734.3	716.2	702.0	692.2	683.2	680.6
17.5°	801.1	801.1	797.9	795.3	786.8	768.7	752.5	742.1	731.1	712.3	698.1
20°	832.2	832.8	830.2	827.6	820.6	804.9	797.9	787.4	762.9	722.1	688.3
22.5°	866.5	869.1	865.9	863.4	857.5	851.0	848.4	823.8	771.9	706.4	657.2
25°	910.6	915.2	911.3	910.0	906.7	908.7	900.9	843.8	759.0	672.7	611.2
27.5°	970.9	970.9	971.5	971.5	970.2	977.4	948.8	844.5	730.4	629.3	556.1
30°	1041.6	1045.4	1044.1	1044.1	1049.3	1053.9	975.4	830.2	694.1	575.5	488.7
32.5°	1126.4	1129.7	1131.0	1125.1	1145.9	1122.5	985.1	804.3	649.4	508.7	408.3
35°	1228.8	1233.4	1236.7	1237.3	1250.9	1182.1	980.0	766.1	585.3	425.2	320.2
37.5°	1362.3	1371.5	1378.6	1381.8	1382.4	1232.8	965.7	715.5	501.7	331.8	238.5
40°	1539.9	1549.7	1547.7	1554.2	1517.3	1262.5	933.3	642.3	398.0	243.7	184.1
42.5°	1711.1	1712.4	1715.0	1709.1	1634.0	1278.1	887.9	552.8	298.1	182.1	157.5
45°	1902.2	1891.3	1878.9	1869.9	1741.5	1283.9	825.7	444.0	210.6	152.9	145.9
47.5°	2081.8	2066.9	2041.6	2015.6	1837.4	1274.9	746.0	332.5	160.1	140.0	138.0
50°	2258.1	2230.2	2194.5	2164.8	1929.5	1261.2	657.9	239.8	140.0	133.5	131.5
52.5°	2476.5	2429.9	2383.2	2344.3	2049.4	1239.9	565.2	182.1	131.5	128.4	125.8
55°	2775.9	2711.1	2635.9	2581.5	2212.1	1207.4	467.9	154.2	127.7	125.1	121.2
57.5°	3190.7	3093.5	3008.6	2919.8	2434.3	1174.4	384.4	143.3	127.1	123.2	118.0
60°	3614.6	3498.0	3389.7	3262.7	2661.2	1141.4	326.0	142.0	129.0	123.2	115.3
62.5°	3835.0	3714.4	3584.1	3455.2	2759.1	1063.5	285.9	143.9	133.5	125.1	115.3
65°	3784.4	3637.3	3505.0	3373.5	2645.7	916.5	241.8	146.5	142.6	132.8	117.3
67°	3530.3	3376.8	3249.7	3124.0	2392.9	767.4	207.4	149.0	152.3	142.0	121.2
67.5°	3441.0	3287.3	3162.3	3039.7	2318.3	736.3	199.0	150.3	154.2	144.6	122.5
70°	2853.0	2740.3	2607.5	2512.8	1876.9	545.1	163.3	152.9	166.0	159.4	128.4
72.5°	2053.3	1945.7	1845.9	1793.4	1382.4	381.1	137.4	150.3	173.0	167.9	130.9
75°	1091.4	1084.9	1048.7	1074.6	855.5	248.8	121.2	140.7	165.3	153.6	121.9
77.5°	220.4	226.9	266.4	262.5	276.1	138.7	103.7	120.6	127.7	112.7	99.2
80°	102.4	100.5	98.5	99.8	97.9	88.8	84.3	94.6	88.8	72.6	66.1
82.5°	63.5	62.2	60.3	59.6	66.1	70.6	73.9	74.5	59.0	50.5	48.7
85°	30.4	30.4	29.8	31.1	38.9	57.7	62.2	55.1	39.5	36.3	34.3
87.5°	5.9	5.9	6.5	5.9	7.8	13.6	15.5	18.1	14.9	15.5	17.5
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: P180681

CATALOG NUMBER: ICM-F03-LED-E1-SL3-8030

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	644.9	644.9	644.9
2.5°	625.4	624.2	624.2
5°	612.5	611.8	611.8
7.5°	609.2	609.9	609.2
10°	621.6	620.9	623.5
12.5°	648.7	650.7	650.1
15°	677.3	678.6	678.6
17.5°	685.7	681.2	680.6
20°	663.7	655.3	653.3
22.5°	622.2	606.6	607.3
25°	569.7	550.9	552.2
27.5°	508.7	488.7	488.0
30°	435.5	413.5	402.5
32.5°	347.4	320.8	320.8
35°	261.2	239.8	232.0
37.5°	198.3	186.0	182.1
40°	165.3	159.4	158.1
42.5°	150.3	148.5	147.8
45°	142.6	141.3	140.7
47.5°	135.4	134.8	134.1
50°	130.2	129.6	129.0
52.5°	125.8	124.5	123.8
55°	119.3	119.3	119.3
57.5°	115.3	115.3	114.7
60°	111.4	110.8	110.8
62.5°	108.3	107.0	107.6
65°	106.3	104.4	104.4
67°	105.0	101.1	101.1
67.5°	105.0	99.8	99.8
70°	103.1	94.6	93.3
72.5°	101.1	88.8	86.9
75°	95.9	84.3	82.3
77.5°	82.3	75.2	73.9
80°	63.5	55.1	56.4
82.5°	46.0	39.5	38.9
85°	33.0	28.6	28.6
87.5°	17.5	14.9	15.5
90°	0.0	0.0	0.0

(END OF REPORT)