

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: P180982

Luminaire Tested: **ICM-F03-LED-E1-SLL-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180982  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)  
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-SLL-7030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (21) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5854.8 lumens  
Efficiency: N/A  
Efficacy: 74.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Non-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

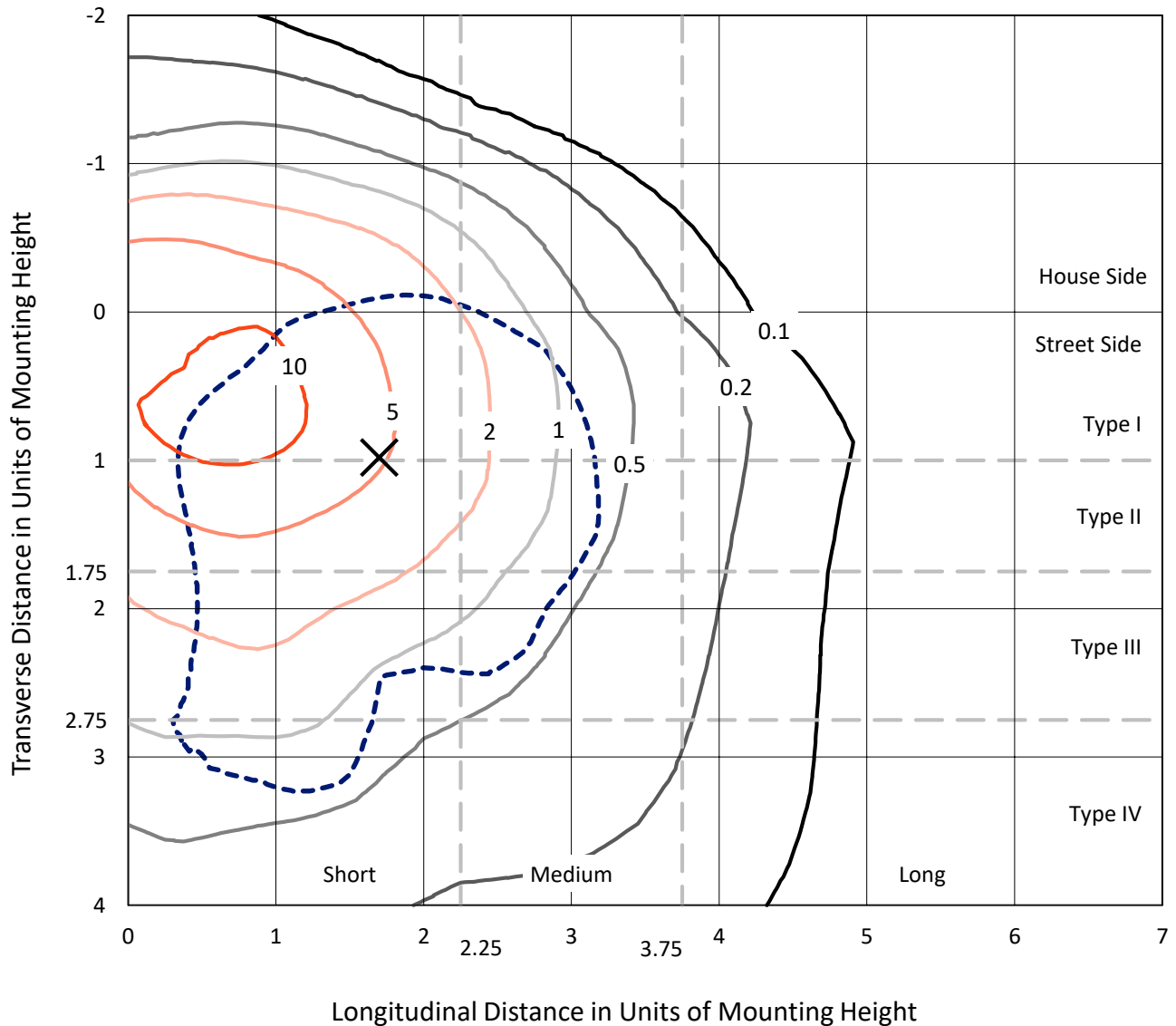


REPORT NUMBER: P180982

CATALOG NUMBER: ICM-F03-LED-E1-SLL-7030

### Iso-Footcandle Lines of Horizontal Illumination

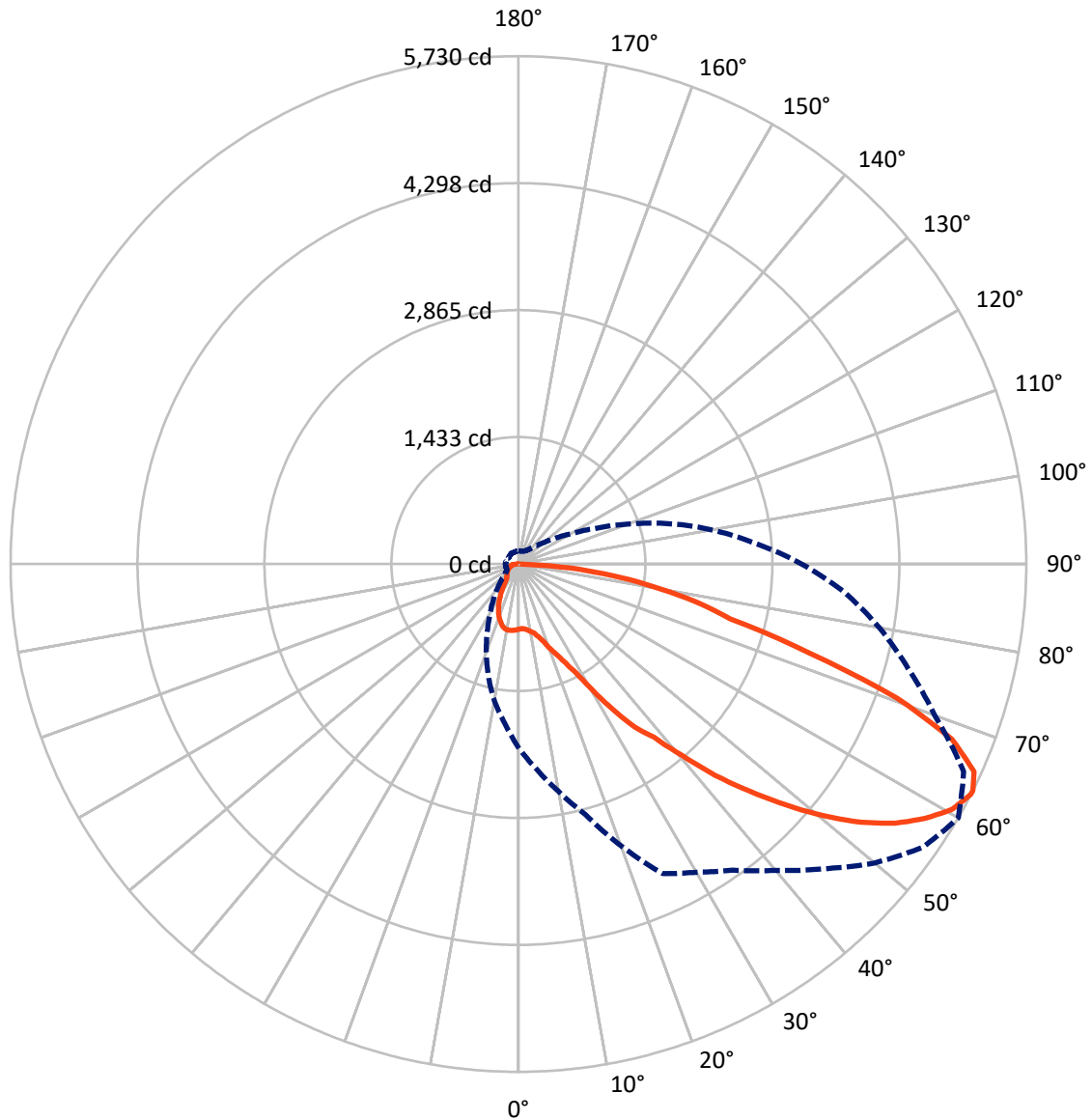
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.5 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P180982  
CATALOG NUMBER: ICM-F03-LED-E1-SLL-7030

### Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral      - - - Horizontal Cone Through 63-Deg Vertical

REPORT NUMBER: P180982

CATALOG NUMBER: ICM-F03-LED-E1-SLL-7030

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1269.6	0.0	1269.6
	% Fixture	21.7	0.0	21.7
<b>Street Side</b>	Lumens	4585.2	0.0	4585.2
	% Fixture	78.3	0.0	78.3
<b>Total</b>	Lumens	5854.8	0.0	5854.8
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	71.6	1.2
10°-20°	223.1	3.8
20°-30°	396.3	6.8
30°-40°	624.0	10.7
40°-50°	918.4	15.7
50°-60°	1219.9	20.8
60°-70°	1343.7	23.0
70°-80°	843.0	14.4
80°-90°	214.7	3.7
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°	5854.8	100.0
0°-180°	5854.8	100.0

**Coefficient of Utilization**



REPORT NUMBER: P180982

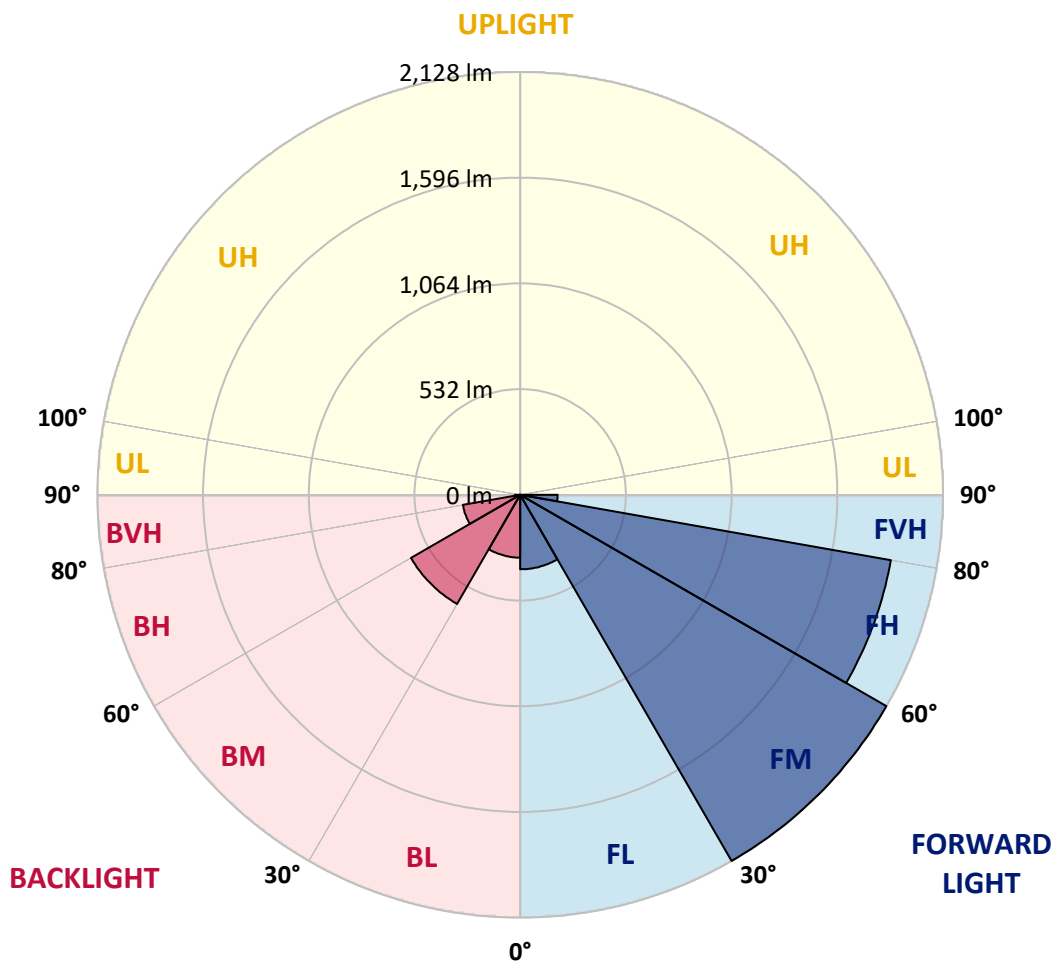
CATALOG NUMBER: ICM-F03-LED-E1-SLL-7030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	374.9	6.4			
FM	(30°-60°)	2127.8	36.3			
FH	(60°-80°)	1894.1	32.4			G2/5000
FVH	(80°-90°)	188.4	3.2			G2/225
BL	(0°-30°)	316.1	5.4	B1/500		
BM	(30°-60°)	634.6	10.8	B1/1000		
BH	(60°-80°)	292.6	5.0	B1/500		G1/500
BVH	(80°-90°)	26.3	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 IV Short





REPORT NUMBER: P180982

CATALOG NUMBER: ICM-F03-LED-E1-SLL-7030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7
2.5°	726.0	727.4	727.4	726.6	726.6	728.0	727.4	726.6	724.6	727.4	727.4
5°	720.4	721.8	721.8	723.2	724.6	726.0	726.0	727.4	726.6	729.5	731.5
7.5°	727.4	728.7	731.5	735.1	737.1	742.1	742.1	745.6	747.0	749.1	748.4
10°	736.5	740.0	746.2	751.9	756.1	761.7	766.0	770.8	770.8	772.9	774.3
12.5°	752.6	756.1	763.1	770.1	776.5	783.4	789.8	794.7	799.6	801.0	803.8
15°	779.3	783.4	794.0	803.8	811.5	820.7	829.0	838.9	848.0	850.1	851.4
17.5°	819.3	827.6	835.4	852.9	864.1	876.0	889.4	903.4	906.2	920.9	924.5
20°	876.0	886.5	893.6	915.4	934.2	949.7	969.3	985.5	991.7	1005.8	1019.8
22.5°	974.2	972.1	982.6	1004.4	1018.4	1049.3	1066.1	1083.0	1091.4	1112.4	1123.6
25°	1106.1	1117.3	1140.5	1142.6	1155.9	1191.6	1213.4	1230.2	1231.0	1237.2	1249.2
27.5°	1235.8	1282.1	1318.6	1338.2	1374.1	1407.0	1405.6	1429.4	1392.3	1400.0	1411.2
30°	1392.9	1470.1	1538.9	1585.1	1621.6	1660.2	1679.2	1692.5	1676.3	1669.3	1656.0
32.5°	1540.3	1648.3	1754.2	1836.3	1904.3	1968.1	2010.2	2029.1	2051.5	2108.4	2128.8
35°	1641.2	1794.2	1926.1	2044.6	2158.2	2259.9	2333.5	2375.6	2359.5	2351.7	2347.5
37.5°	1701.6	1888.2	2052.9	2220.6	2351.1	2503.3	2617.6	2728.4	2753.7	2709.5	2687.7
40°	1739.5	1960.4	2172.2	2370.0	2539.1	2735.5	2877.1	3043.4	3169.6	3186.4	3134.5
42.5°	1757.7	2008.8	2255.6	2479.5	2708.1	2948.7	3128.2	3329.5	3518.2	3647.9	3615.7
45°	1760.5	2040.4	2316.7	2578.3	2850.4	3135.9	3367.4	3590.4	3842.9	4065.2	4071.6
47.5°	1760.5	2064.2	2358.8	2649.9	2978.2	3298.6	3551.2	3814.9	4124.2	4387.2	4467.8
50°	1761.9	2080.3	2398.1	2706.0	3075.6	3436.1	3721.6	4033.0	4358.4	4644.6	4800.3
52.5°	1768.2	2092.3	2428.9	2746.0	3138.7	3533.0	3854.2	4213.2	4537.3	4831.2	5032.5
55°	1782.2	2109.1	2451.4	2770.5	3180.9	3596.0	3950.3	4336.7	4653.1	4951.1	5232.4
57.5°	1821.5	2138.5	2478.7	2792.2	3203.9	3637.4	4017.6	4390.0	4697.2	5007.9	5338.3
60°	1900.1	2200.9	2525.7	2835.7	3242.5	3713.9	4049.9	4354.3	4665.0	4991.1	5362.2
62.5°	2025.6	2298.4	2591.0	2909.4	3352.7	3832.4	4025.3	4247.7	4538.0	4893.6	5277.2
63°	2069.1	2319.5	2605.7	2925.5	3382.8	3854.2	4014.8	4216.1	4512.0	4862.7	5247.1
65°	2190.4	2412.8	2675.8	3006.9	3507.0	3875.9	3932.7	4051.9	4332.5	4686.7	5069.0
67.5°	2417.0	2639.4	2826.6	3144.4	3611.5	3790.3	3678.1	3692.9	3986.0	4352.9	4696.5
70°	2560.1	2825.2	2922.7	3161.9	3592.6	3663.4	3348.5	3153.5	3388.4	3806.4	4107.4
72.5°	2522.9	2827.3	2816.8	2928.3	3213.8	3279.7	2953.6	2646.3	2786.0	3098.1	3293.0
75°	2161.0	2525.0	2447.8	2425.4	2525.7	2569.2	2324.4	2277.4	2453.5	2626.7	2629.5
77.5°	1555.7	1956.2	1865.7	1735.9	1728.9	1829.2	1862.2	2170.2	2430.3	2567.1	2506.8
80°	991.1	1425.2	1331.3	1104.7	1101.2	1231.6	1521.3	1940.0	2215.7	2292.2	2135.1
82.5°	517.6	932.8	968.7	829.0	949.0	1165.0	1447.6	1563.5	1667.9	1678.4	1493.3
85°	322.6	573.8	674.7	696.5	857.1	1033.1	1031.1	990.3	944.1	808.0	730.9
87.5°	36.5	72.3	109.4	103.8	139.5	195.7	244.1	143.1	100.3	36.5	50.5
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: P180982

CATALOG NUMBER: ICM-F03-LED-E1-SLL-7030

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7
2.5°	728.7	729.5	730.1	730.1	733.7	732.9	733.7	735.1	737.1	738.6	740.0
5°	734.3	734.3	737.1	739.3	743.4	746.2	747.7	751.9	756.8	755.4	759.6
7.5°	752.6	751.9	754.7	756.1	759.6	764.6	763.8	767.4	771.5	772.9	776.5
10°	777.1	775.1	775.1	773.7	774.3	772.9	772.9	772.9	775.7	775.1	777.9
12.5°	802.4	801.7	800.3	796.1	796.1	790.5	787.6	784.2	783.4	778.5	779.3
15°	854.3	854.3	851.4	843.1	836.1	831.2	824.1	819.3	812.2	803.1	798.1
17.5°	930.1	920.2	916.7	915.4	904.1	899.9	884.5	868.3	860.6	848.0	840.9
20°	1022.6	1020.6	1006.5	999.4	985.5	965.8	946.1	925.1	912.5	897.1	888.7
22.5°	1127.2	1111.7	1104.7	1094.1	1072.5	1050.0	1020.6	992.5	972.8	962.3	956.0
25°	1249.2	1233.8	1226.7	1212.8	1186.1	1162.2	1125.8	1092.8	1075.3	1057.7	1047.9
27.5°	1411.2	1396.5	1388.1	1351.5	1342.4	1303.2	1258.3	1213.4	1190.2	1164.3	1147.4
30°	1653.2	1653.9	1610.4	1566.2	1520.7	1452.6	1405.6	1355.1	1317.2	1280.0	1242.9
32.5°	2062.1	1957.6	1876.9	1782.2	1683.4	1611.1	1552.8	1492.6	1439.9	1386.0	1324.2
35°	2311.8	2261.3	2156.8	1983.5	1883.9	1796.3	1731.7	1658.8	1594.2	1498.9	1404.8
37.5°	2593.8	2476.7	2349.7	2253.6	2140.7	2039.0	1930.9	1848.2	1736.7	1608.3	1475.0
40°	3005.5	2837.9	2684.9	2555.9	2410.0	2303.4	2182.7	2062.8	1914.8	1728.9	1545.9
42.5°	3435.5	3262.2	3060.2	2892.6	2720.7	2595.8	2446.4	2278.2	2060.7	1830.6	1606.9
45°	3886.4	3655.0	3413.0	3208.2	3029.3	2874.3	2689.1	2466.1	2200.9	1921.8	1663.7
47.5°	4331.1	4065.2	3777.0	3556.8	3323.9	3134.5	2907.3	2625.3	2310.4	2008.1	1720.5
50°	4723.2	4467.2	4120.0	3840.1	3604.5	3370.9	3087.6	2748.0	2396.7	2082.4	1771.7
52.5°	5061.2	4841.1	4475.6	4122.1	3850.6	3588.3	3232.8	2847.0	2483.6	2151.2	1813.8
55°	5309.5	5162.9	4826.3	4387.9	4067.4	3754.5	3355.5	2942.3	2565.7	2205.9	1841.1
57.5°	5496.8	5415.5	5126.4	4638.4	4266.5	3915.8	3482.4	3056.7	2647.1	2252.9	1853.8
60°	5599.2	5621.7	5353.7	4857.1	4442.6	4050.5	3609.4	3154.2	2707.4	2280.2	1846.8
62.5°	5589.4	5726.9	5524.2	4991.8	4545.1	4130.5	3694.9	3199.7	2699.0	2236.8	1783.0
63°	5570.5	5730.4	5543.1	5001.0	4551.4	4133.3	3697.0	3193.4	2681.4	2215.7	1757.7
65°	5407.0	5649.7	5527.0	4959.6	4495.2	4080.7	3652.9	3102.3	2558.0	2102.8	1627.9
67.5°	4969.3	5273.1	5238.0	4667.1	4229.4	3863.3	3427.0	2808.4	2252.9	1825.0	1379.6
70°	4246.3	4531.7	4538.0	4059.0	3693.5	3334.4	2971.8	2285.1	1785.8	1414.7	1028.9
72.5°	3254.4	3438.3	3502.1	3186.4	2941.6	2689.1	2363.7	1658.8	1273.0	962.3	669.9
75°	2520.1	2469.6	2468.9	2335.6	2236.0	2112.6	1754.9	1119.4	836.1	625.7	409.6
77.5°	2265.5	2041.0	1823.6	1663.7	1583.7	1542.3	1151.0	674.7	493.1	359.8	235.6
80°	1868.5	1537.5	1242.1	1069.6	1000.8	1048.6	641.8	364.7	270.0	204.8	152.9
82.5°	1288.5	1069.6	812.9	673.3	578.0	604.6	328.3	186.6	124.8	114.3	94.7
85°	671.3	588.5	496.6	426.4	376.7	331.1	170.4	89.1	51.9	45.6	41.4
87.5°	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P180982

CATALOG NUMBER: ICM-F03-LED-E1-SLL-7030

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7
2.5°	742.1	741.4	742.8	743.4	745.6	747.0	747.7	746.2	748.4	750.5	749.1
5°	761.7	766.6	767.4	769.4	769.4	773.7	773.7	773.7	772.9	773.7	772.2
7.5°	778.5	784.8	785.6	788.4	789.0	794.0	791.9	793.3	793.3	789.8	788.4
10°	780.7	787.0	790.5	794.0	798.9	805.2	805.2	808.7	808.7	805.9	805.2
12.5°	781.3	786.2	789.8	794.7	801.7	810.8	815.7	820.7	822.7	822.1	819.9
15°	796.1	796.1	796.7	801.0	805.9	817.1	824.1	829.8	833.2	831.8	828.4
17.5°	834.7	829.0	824.8	817.9	819.3	824.8	829.0	834.0	834.7	833.2	827.6
20°	879.5	872.6	862.1	850.8	845.2	840.9	838.1	838.1	836.1	829.0	819.9
22.5°	943.4	934.2	919.5	902.7	891.4	878.1	862.1	846.6	829.8	812.9	793.3
25°	1031.7	1019.2	1003.7	977.8	953.9	925.9	892.8	858.5	818.5	783.4	754.7
27.5°	1120.8	1092.8	1052.8	1017.0	972.8	930.7	883.7	841.7	790.5	748.4	716.8
30°	1194.5	1141.1	1083.6	1026.8	968.7	911.8	855.7	805.2	749.1	706.3	675.4
32.5°	1251.3	1177.7	1097.7	1023.4	951.8	882.3	817.9	761.7	704.9	660.7	627.7
35°	1303.9	1201.5	1099.8	1007.9	919.5	847.3	774.3	713.3	653.0	606.7	571.0
37.5°	1343.2	1212.8	1087.2	979.2	877.4	796.7	722.4	660.0	598.3	547.8	507.1
40°	1368.4	1205.7	1059.8	937.8	827.6	742.8	667.0	602.5	542.9	487.4	438.3
42.5°	1388.8	1196.6	1032.5	899.9	788.4	695.8	618.0	548.5	488.2	427.8	373.9
45°	1418.9	1203.6	1020.6	873.2	753.3	655.8	570.2	498.0	434.9	375.9	324.0
47.5°	1448.4	1207.1	1003.0	840.3	709.1	614.4	527.4	457.3	392.7	338.8	291.1
50°	1475.0	1205.0	975.6	798.1	666.3	573.0	488.8	418.7	354.9	305.1	260.2
52.5°	1487.6	1193.0	942.0	757.5	631.9	536.6	451.0	383.0	319.8	272.8	231.4
55°	1486.2	1162.2	897.8	718.9	594.1	498.0	413.9	346.5	289.7	246.2	210.4
57.5°	1465.2	1114.5	850.8	676.1	544.3	450.3	370.3	305.1	257.4	220.9	190.8
60°	1421.0	1053.5	789.0	613.7	481.9	391.4	316.4	260.2	221.7	193.6	174.0
62.5°	1338.2	965.8	711.9	526.7	397.7	314.9	249.7	213.2	184.5	167.6	158.5
63°	1313.7	942.0	679.0	505.7	378.0	297.4	235.6	197.8	176.7	162.0	153.6
65°	1191.6	824.8	568.1	408.2	293.9	229.4	189.4	160.7	148.0	141.7	141.0
67.5°	965.1	648.7	401.9	279.8	199.9	165.5	145.2	133.3	127.6	126.2	127.6
70°	677.6	409.6	255.4	185.9	148.0	133.3	124.2	119.3	115.7	116.5	117.9
72.5°	432.1	245.5	175.3	141.0	124.8	117.1	112.9	111.5	110.8	110.1	110.1
75°	246.2	163.4	134.7	122.0	113.6	107.3	103.8	102.4	103.1	103.8	102.4
77.5°	162.7	134.7	119.9	111.5	103.8	96.8	94.7	94.0	95.3	96.8	96.8
80°	128.4	119.9	111.5	103.1	90.5	85.6	87.0	87.6	87.0	87.6	85.6
82.5°	90.5	89.1	91.2	87.6	75.1	70.9	69.4	70.1	68.7	68.7	67.3
85°	42.0	42.0	44.2	44.2	42.8	43.4	47.0	51.2	53.3	51.2	48.4
87.5°	0.0	0.0	0.0	0.0	0.0	6.3	12.7	18.2	19.6	24.6	23.8
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: P180982

CATALOG NUMBER: ICM-F03-LED-E1-SLL-7030

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7
2.5°	747.0	748.4	747.7	747.0	748.4	747.0	747.7	747.0	747.0	746.2	746.2
5°	770.8	772.9	768.7	768.0	766.6	763.1	763.1	761.7	761.7	758.9	756.8
7.5°	786.2	787.0	783.4	782.8	779.3	775.7	772.9	770.1	769.4	767.4	763.1
10°	801.0	799.6	796.7	793.3	789.8	784.8	781.3	777.9	777.1	773.7	768.7
12.5°	813.6	812.9	807.3	803.8	798.1	793.3	789.0	784.8	782.8	778.5	771.5
15°	822.1	817.9	810.8	804.5	798.1	792.6	787.6	782.8	780.7	775.7	768.7
17.5°	818.5	810.8	801.7	794.0	785.6	778.5	774.3	769.4	766.0	763.1	753.3
20°	805.9	794.7	780.7	771.5	760.3	751.2	748.4	743.4	740.7	730.1	717.5
22.5°	772.9	756.8	739.3	726.0	713.3	704.2	697.2	692.3	685.3	679.0	659.4
25°	731.5	713.3	695.1	679.0	662.1	648.1	635.4	623.5	620.0	606.7	587.7
27.5°	691.5	671.3	653.0	634.1	612.3	594.8	573.0	556.2	545.0	531.0	513.4
30°	648.7	628.5	603.9	578.6	553.4	534.4	510.0	489.6	475.5	460.8	444.7
32.5°	594.8	570.2	540.7	512.7	489.6	467.2	442.6	423.0	408.9	395.6	380.2
35°	533.0	500.8	469.2	438.3	413.9	394.9	373.1	358.4	348.6	336.7	320.6
37.5°	462.2	425.8	392.1	368.2	346.5	328.3	312.8	303.7	293.2	286.9	277.0
40°	390.7	354.9	322.0	300.2	282.0	271.4	263.0	260.9	253.9	245.5	239.2
42.5°	327.5	293.2	260.9	243.4	231.4	228.7	224.5	224.5	220.9	214.6	210.4
45°	284.7	249.0	220.9	208.3	202.0	201.3	199.2	199.2	198.5	195.7	190.8
47.5°	253.9	221.7	199.9	192.2	190.8	189.4	187.3	186.6	185.9	183.7	180.9
50°	225.9	198.5	184.5	180.9	181.7	179.5	177.5	175.3	174.6	172.6	169.8
52.5°	199.9	180.3	171.2	169.0	169.0	169.0	167.6	167.6	166.2	165.5	162.7
55°	185.2	170.4	165.5	164.8	164.1	163.4	162.0	162.0	160.7	159.9	156.4
57.5°	172.6	163.4	160.7	159.3	158.5	157.1	156.4	156.4	156.4	156.4	152.2
60°	162.7	158.5	157.8	156.4	155.7	152.9	151.5	150.8	151.5	152.2	148.0
62.5°	152.2	151.5	150.8	149.4	148.7	145.9	143.8	142.4	143.8	145.2	144.5
63°	149.4	148.7	148.7	148.0	147.3	143.8	141.7	140.3	141.7	143.1	143.1
65°	139.5	140.3	140.3	139.5	138.9	136.7	134.0	132.6	133.3	135.3	136.1
67.5°	129.0	129.8	129.0	129.8	129.0	127.6	125.6	124.2	123.4	124.2	124.8
70°	119.3	120.7	119.9	119.3	118.5	118.5	117.1	115.1	114.3	113.6	113.6
72.5°	110.8	110.8	109.4	109.4	108.7	108.7	107.3	105.2	104.5	104.5	103.1
75°	101.7	101.7	99.6	99.6	98.2	98.9	97.5	95.3	94.7	94.7	94.0
77.5°	96.1	94.0	90.5	89.8	89.1	89.1	88.4	86.2	85.6	85.6	84.8
80°	84.8	80.7	77.1	76.5	77.1	78.5	78.5	77.1	77.1	77.1	77.1
82.5°	66.0	64.6	62.4	61.0	61.0	63.2	66.0	67.3	68.7	70.1	70.1
85°	48.4	49.1	48.4	46.3	45.6	47.7	50.5	53.3	54.0	56.8	56.1
87.5°	26.0	26.7	24.6	23.8	26.0	27.3	30.1	30.9	32.3	32.9	33.7
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: P180982

CATALOG NUMBER: ICM-F03-LED-E1-SLL-7030

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7
2.5°	745.6	744.8	745.6	744.2	744.2	742.8	741.4	740.7	739.3	738.6	737.1
5°	758.2	756.1	754.0	753.3	750.5	747.7	745.6	742.1	739.3	734.3	732.9
7.5°	766.6	761.7	758.9	758.2	754.0	751.9	747.0	742.8	738.6	732.3	730.1
10°	770.1	765.2	760.3	758.2	753.3	749.8	744.8	738.6	735.1	728.7	727.4
12.5°	774.3	765.2	757.5	751.9	744.8	737.1	732.3	728.7	723.8	720.4	718.9
15°	766.6	754.7	742.8	732.3	721.0	712.7	707.7	702.1	696.5	694.4	694.4
17.5°	745.6	730.1	709.8	696.5	684.6	675.4	669.1	663.5	662.8	660.0	661.4
20°	702.1	681.8	662.1	652.3	645.3	639.6	633.4	630.5	628.5	624.3	622.8
22.5°	641.8	624.9	610.9	603.9	598.3	591.3	585.7	577.2	575.2	571.0	568.8
25°	575.2	561.8	549.9	545.0	541.5	531.6	528.2	516.9	509.2	504.3	507.1
27.5°	508.5	498.7	487.4	481.1	479.1	470.0	466.4	453.8	447.4	447.4	440.5
30°	439.8	430.7	423.6	416.7	415.3	404.0	394.9	390.0	383.0	380.2	375.3
32.5°	375.3	366.1	360.6	357.0	351.4	342.2	333.1	324.7	313.5	309.3	307.2
35°	315.6	308.7	301.6	298.8	291.1	281.3	270.0	263.0	249.7	244.7	242.7
37.5°	270.0	261.6	256.7	249.0	241.3	230.8	222.3	216.0	211.2	209.0	209.0
40°	233.6	227.3	221.7	215.4	209.0	203.4	199.2	197.8	197.1	197.1	198.5
42.5°	206.2	200.6	197.8	194.3	192.2	192.2	191.4	192.2	192.8	193.6	195.7
45°	188.0	184.5	183.1	182.3	183.7	185.2	185.9	187.3	190.0	191.4	192.2
47.5°	178.1	175.3	174.6	175.3	177.5	180.3	183.1	185.2	187.3	188.0	188.7
50°	168.4	164.8	163.4	164.8	167.6	171.8	174.0	177.5	178.9	180.3	178.9
52.5°	159.9	157.1	156.4	156.4	159.3	162.0	164.8	167.6	168.4	168.4	167.6
55°	152.9	150.8	148.7	150.1	152.2	155.0	159.3	161.3	162.7	163.4	163.4
57.5°	147.3	145.2	143.1	144.5	146.6	149.4	153.6	155.7	157.1	159.3	159.9
60°	143.1	140.3	138.1	140.3	142.4	146.6	150.1	152.2	155.7	156.4	156.4
62.5°	138.9	136.1	132.6	134.7	134.7	136.7	140.3	143.1	146.6	148.0	148.0
63°	138.1	135.3	131.9	133.3	133.3	134.7	137.5	140.3	144.5	145.9	145.2
65°	132.6	131.9	128.4	128.4	127.0	128.4	130.4	133.3	135.3	137.5	137.5
67.5°	123.4	122.7	122.0	122.0	122.0	123.4	124.8	127.0	129.0	130.4	129.8
70°	112.9	112.9	112.9	113.6	113.6	115.1	115.7	115.1	117.1	118.5	117.9
72.5°	103.8	103.1	102.4	103.8	103.1	103.1	104.5	103.8	106.0	106.0	106.6
75°	94.0	93.3	93.3	94.0	92.6	91.2	91.9	91.9	92.6	92.6	94.0
77.5°	85.6	85.6	85.6	84.8	83.4	82.8	82.0	82.0	82.0	82.0	82.8
80°	77.9	77.9	77.9	77.1	75.7	74.3	72.9	72.3	71.5	68.0	68.0
82.5°	70.1	70.1	70.1	70.1	69.4	68.0	66.0	60.3	57.5	54.7	55.4
85°	55.4	56.8	58.2	60.3	59.6	59.6	55.4	48.4	44.2	41.4	42.0
87.5°	35.8	31.5	31.5	30.9	29.5	28.1	28.1	23.8	19.6	17.5	18.2
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: P180982  
 CATALOG NUMBER: ICM-F03-LED-E1-SLL-7030

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	0°
2.5°	737.1	735.7	734.3	734.3	732.3	732.3	730.9	733.7	730.9	728.7	728.7	2.5°
5°	731.5	730.1	726.0	725.2	722.4	722.4	722.4	721.0	721.0	719.6	718.9	5°
7.5°	728.0	724.6	721.0	718.9	718.9	717.5	720.4	718.9	719.6	719.6	720.4	7.5°
10°	725.2	722.4	721.0	720.4	720.4	722.4	724.6	725.2	724.6	725.2	725.2	10°
12.5°	718.2	719.6	720.4	723.2	726.6	730.9	735.7	736.5	737.9	737.9	739.3	12.5°
15°	695.8	699.3	703.5	710.5	719.6	728.7	737.9	745.6	752.6	756.1	758.9	15°
17.5°	664.2	667.7	675.4	683.2	695.1	708.4	723.8	737.1	751.9	765.2	778.5	17.5°
20°	621.4	627.1	629.1	643.2	657.2	675.4	693.7	714.7	740.0	765.2	791.2	20°
22.5°	566.0	572.4	582.1	593.4	608.1	630.5	652.3	685.3	718.9	754.7	795.4	22.5°
25°	504.3	511.4	519.7	531.6	546.4	570.2	601.8	636.8	678.2	725.2	775.7	25°
27.5°	440.5	447.4	454.5	462.9	479.7	505.0	542.1	578.6	624.3	675.4	734.3	27.5°
30°	376.7	377.3	381.6	392.1	409.6	442.6	470.0	515.5	563.3	617.2	685.3	30°
32.5°	306.5	305.8	310.7	319.8	336.7	368.2	401.9	446.0	493.1	561.1	631.3	32.5°
35°	244.1	244.1	253.2	262.3	281.3	303.7	333.1	372.5	427.8	491.0	561.1	35°
37.5°	211.2	216.0	221.7	230.8	245.5	263.0	288.9	323.4	366.8	427.2	491.6	37.5°
40°	200.6	203.4	208.3	216.7	229.4	245.5	264.5	290.4	324.0	372.5	431.4	40°
42.5°	196.4	197.1	199.9	206.2	217.4	233.6	253.2	276.4	301.6	336.0	387.2	42.5°
45°	192.2	191.4	192.8	197.8	206.9	225.1	247.6	272.8	298.0	326.9	368.9	45°
47.5°	188.7	188.7	188.7	190.8	199.2	217.4	243.4	272.8	303.0	335.3	376.7	47.5°
50°	178.9	178.1	178.1	179.5	185.9	205.5	236.4	272.1	311.4	353.5	400.5	50°
52.5°	167.6	167.6	168.4	169.0	174.6	194.3	228.7	272.1	321.2	377.3	436.3	52.5°
55°	164.1	164.8	165.5	164.8	169.0	185.9	220.3	267.9	325.5	396.3	474.9	55°
57.5°	161.3	162.7	162.7	162.0	164.8	178.9	211.8	259.5	322.0	403.3	502.2	57.5°
60°	157.1	157.1	157.1	155.0	156.4	169.0	199.2	246.2	310.7	397.0	506.4	60°
62.5°	148.0	148.0	146.6	145.9	145.2	155.0	182.3	226.5	290.4	380.2	495.9	62.5°
63°	145.9	145.2	145.2	143.1	143.1	152.2	178.9	223.7	284.7	375.9	491.6	63°
65°	138.1	138.1	138.1	136.7	136.1	143.1	164.8	204.1	263.0	356.3	470.6	65°
67.5°	129.8	130.4	129.0	128.4	127.6	131.9	148.7	179.5	229.4	314.9	431.4	67.5°
70°	117.9	118.5	118.5	117.9	117.1	119.9	130.4	154.3	190.0	262.3	367.5	70°
72.5°	107.3	108.7	108.7	110.1	110.1	112.2	116.5	128.4	152.2	204.8	288.9	72.5°
75°	96.1	96.8	98.2	99.6	98.2	97.5	98.2	107.3	119.3	151.5	206.2	75°
77.5°	86.2	88.4	88.4	87.6	85.6	84.2	84.2	88.4	98.2	115.1	147.3	77.5°
80°	71.5	75.1	75.7	73.7	71.5	71.5	72.9	75.7	82.0	94.7	111.5	80°
82.5°	57.5	61.0	61.8	62.4	61.8	63.8	63.8	64.6	68.0	77.9	91.2	82.5°
85°	44.2	47.0	49.1	49.8	50.5	51.2	50.5	47.0	49.1	55.4	61.8	85°
87.5°	19.6	20.4	19.0	19.6	19.0	19.6	20.4	16.8	16.1	21.8	22.4	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



NUMBER: P180982

NUMBER: ICM-F03-LED-E1-SLL-7030

**DISTRIBUTION (continued):**

330°	335°	340°	345°	350°	355°	360°
735.7	735.7	735.7	735.7	735.7	735.7	735.7
728.0	728.0	728.7	727.4	727.4	728.0	726.0
716.8	719.6	719.6	719.6	718.2	719.6	720.4
719.6	721.8	723.2	723.2	722.4	725.2	727.4
723.2	726.6	728.0	728.0	728.0	731.5	736.5
736.5	739.3	741.4	741.4	742.8	747.0	752.6
761.0	764.6	764.6	763.8	768.0	772.9	779.3
788.4	798.1	803.1	802.4	805.9	812.2	819.3
814.3	841.7	853.6	862.1	865.5	874.0	876.0
836.1	881.7	914.6	942.7	956.0	964.4	974.2
828.4	890.1	949.0	1006.5	1047.2	1088.6	1106.1
796.7	874.0	951.1	1035.3	1108.9	1182.5	1235.8
758.2	850.8	954.6	1073.9	1190.2	1303.2	1392.9
714.1	829.0	962.3	1109.6	1262.5	1410.5	1540.3
658.6	787.6	943.4	1113.1	1293.4	1472.9	1641.2
588.5	731.5	899.2	1087.8	1294.8	1500.3	1701.6
518.3	660.7	843.1	1051.4	1276.6	1506.6	1739.5
469.2	597.6	786.2	1005.1	1247.1	1496.8	1757.7
435.5	552.0	735.7	963.0	1215.5	1479.3	1760.5
432.7	532.4	702.8	932.2	1190.2	1463.8	1760.5
456.6	542.9	691.5	916.7	1179.7	1458.9	1761.9
501.5	584.9	711.9	928.7	1188.2	1465.2	1768.2
555.5	648.7	766.6	970.1	1223.9	1486.2	1782.2
604.6	722.4	859.9	1050.0	1289.1	1539.5	1821.5
633.4	785.6	958.8	1162.2	1400.7	1645.5	1900.1
636.8	820.7	1046.5	1284.3	1536.0	1766.8	2025.6
634.1	823.4	1057.7	1307.4	1564.8	1796.9	2069.1
618.6	824.1	1089.3	1388.8	1664.4	1923.9	2190.4
579.4	801.7	1100.5	1452.6	1790.0	2090.9	2417.0
511.4	737.9	1067.5	1454.0	1838.3	2184.1	2560.1
411.0	616.6	925.1	1322.8	1710.7	2092.3	2522.9
300.9	453.1	699.3	1024.8	1395.7	1741.6	2161.0
199.9	293.2	471.4	730.1	1000.8	1253.4	1555.7
137.5	181.7	275.6	439.1	612.3	735.1	991.1
101.0	119.9	152.9	224.5	294.6	362.6	517.6
63.2	68.7	76.5	110.8	158.5	214.0	322.6
16.8	17.5	16.1	21.8	34.3	32.9	36.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)