

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: P180701

Luminaire Tested: **ICM-F05-LED-E1-SL3-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180701  
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-F05-LED-E1-SL3-8030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL  
Light Source: (35) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9839.1 lumens  
Efficiency: N/A  
Efficacy: 73.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.83' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Semi-Cutoff  
BUG Rating: B2 - U0 - G2

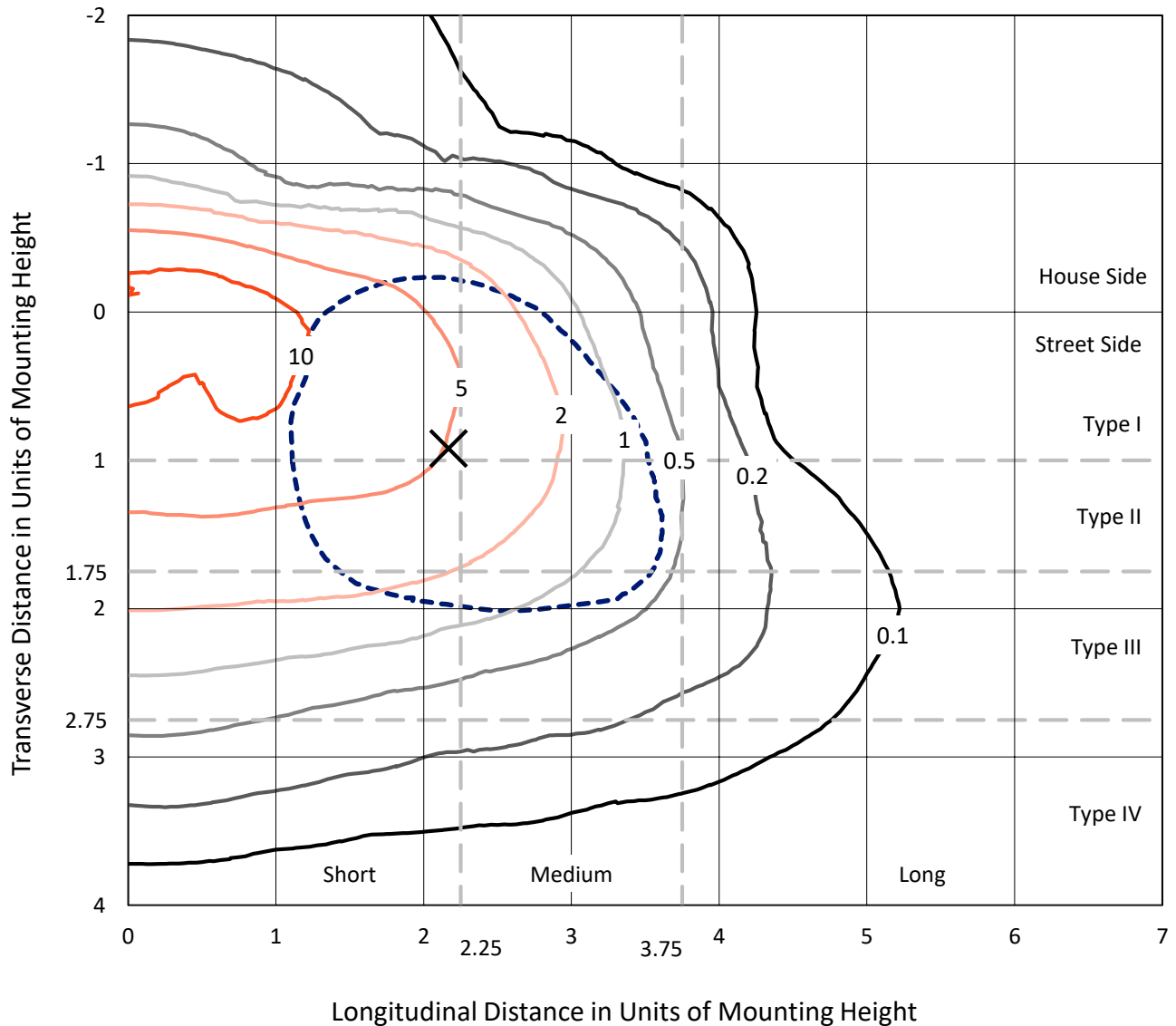
Input Watts (W): 133.3  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P180701  
 CATALOG NUMBER: ICM-F05-LED-E1-SL3-8030

### Iso-Footcandle Lines of Horizontal Illumination

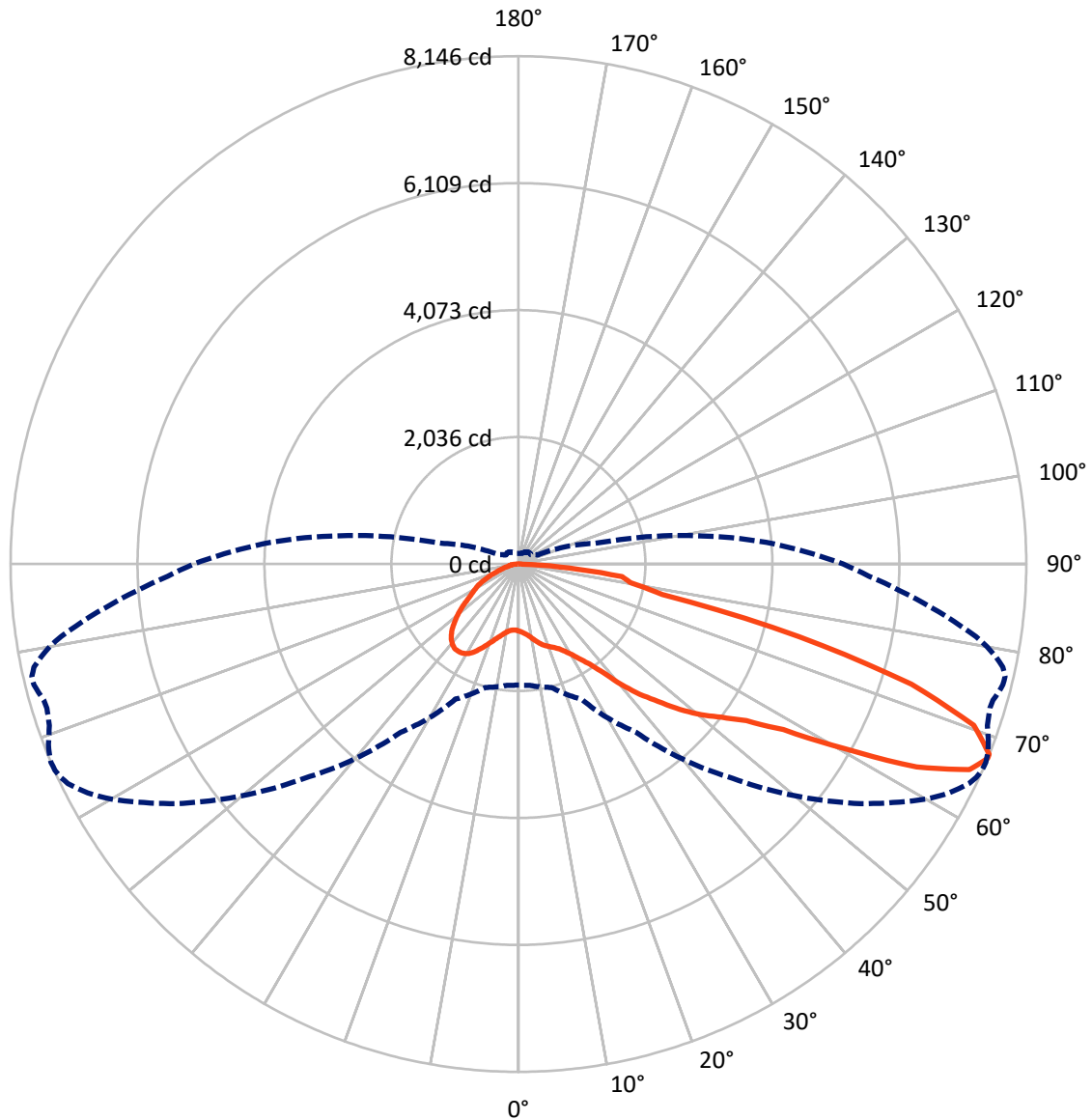
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.8 fc  
 Type III - Short - Semi-Cutoff

REPORT NUMBER: P180701  
CATALOG NUMBER: ICM-F05-LED-E1-SL3-8030

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P180701

CATALOG NUMBER: ICM-F05-LED-E1-SL3-8030

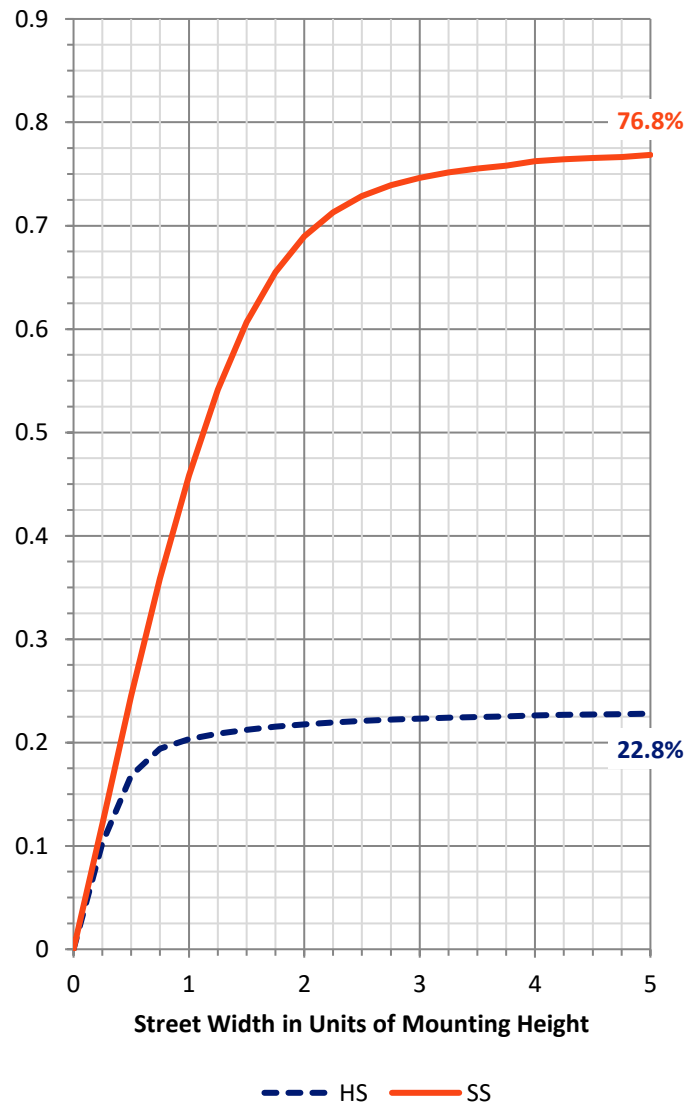
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2270.5	0.0	2270.5
	% Fixture	23.1	0.0	23.1
<b>Street Side</b>	Lumens	7568.6	0.0	7568.6
	% Fixture	76.9	0.0	76.9
<b>Total</b>	Lumens	9839.1	0.0	9839.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	107.0	1.1
10°-20°	366.9	3.7
20°-30°	647.9	6.6
30°-40°	930.0	9.5
40°-50°	1412.4	14.4
50°-60°	2079.6	21.1
60°-70°	2763.7	28.1
70°-80°	1352.1	13.7
80°-90°	179.5	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°	9839.1	100.0
0°-180°	9839.1	100.0



REPORT NUMBER: P180701

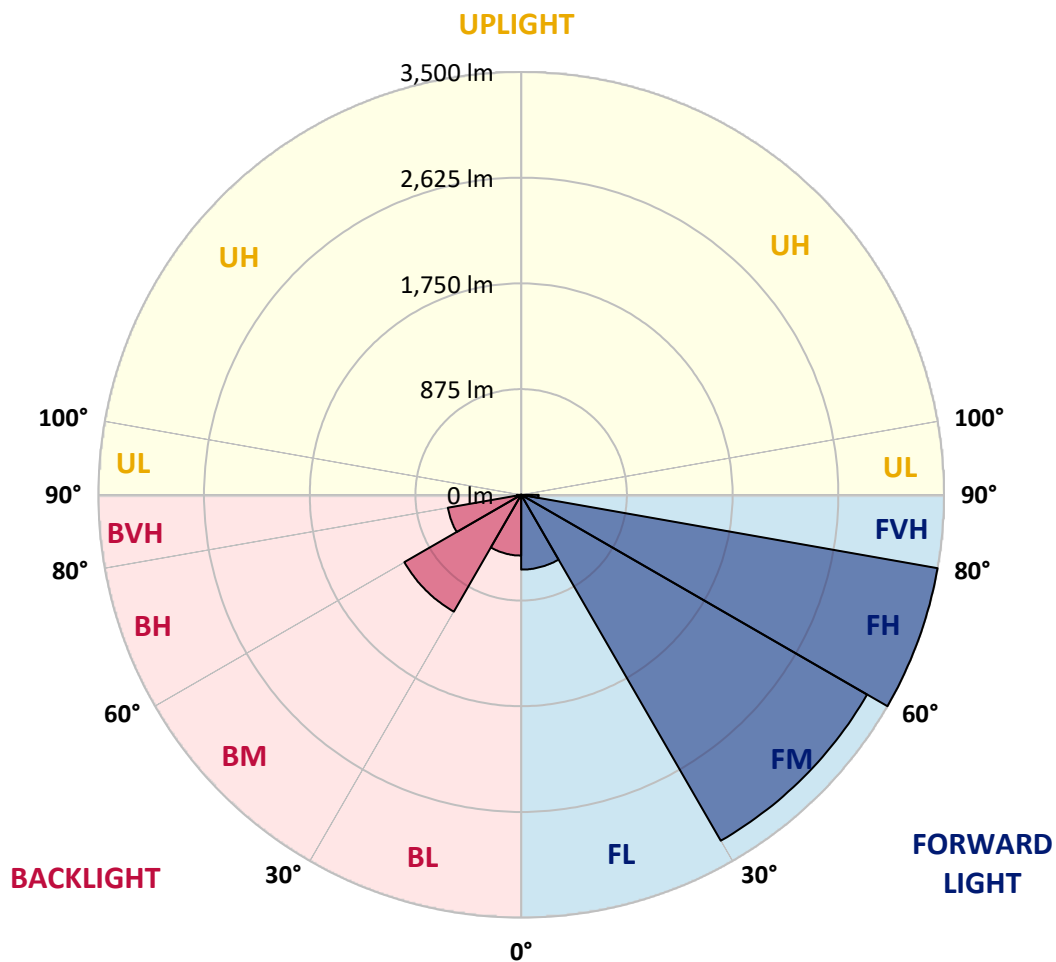
CATALOG NUMBER: ICM-F05-LED-E1-SL3-8030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	619.0	6.3			
FM	(30°-60°)	3305.7	33.6			
FH	(60°-80°)	3499.7	35.6			G2/5000
FVH	(80°-90°)	144.2	1.5			G2/225
BL	(0°-30°)	502.9	5.1	B2/1000		
BM	(30°-60°)	1116.3	11.3	B2/2500		
BH	(60°-80°)	616.1	6.3	B2/1000		G2/1000
BVH	(80°-90°)	35.3	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type III Short





REPORT NUMBER: P180701

CATALOG NUMBER: ICM-F05-LED-E1-SL3-8030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8
2.5°	1125.6	1126.7	1124.5	1123.4	1116.9	1110.4	1106.1	1100.8	1100.8	1100.8	1098.6
5°	1189.3	1185.0	1188.2	1180.7	1167.7	1155.8	1143.9	1134.2	1132.1	1132.1	1127.7
7.5°	1266.1	1260.7	1258.4	1247.6	1228.2	1210.9	1187.2	1177.4	1172.0	1169.9	1167.7
10°	1358.9	1358.9	1344.8	1326.5	1300.6	1270.3	1244.4	1227.2	1226.1	1226.1	1216.3
12.5°	1454.0	1456.1	1437.8	1419.5	1377.3	1337.3	1307.1	1287.6	1286.5	1282.2	1276.8
15°	1541.5	1536.1	1524.2	1497.2	1450.7	1403.2	1365.4	1346.0	1341.6	1337.3	1334.1
17.5°	1613.9	1608.5	1593.3	1558.7	1510.1	1454.0	1407.5	1387.0	1384.8	1382.7	1378.3
20°	1659.2	1654.9	1633.3	1593.3	1542.5	1485.3	1435.6	1421.6	1417.2	1417.2	1415.1
22.5°	1685.1	1678.6	1647.4	1594.4	1544.8	1502.6	1461.5	1452.8	1449.7	1450.7	1450.7
25°	1698.1	1692.7	1648.4	1572.8	1525.3	1513.4	1496.1	1490.7	1491.8	1492.8	1495.0
27.5°	1700.3	1692.7	1640.8	1544.8	1500.4	1533.9	1545.8	1554.4	1554.4	1558.7	1566.3
30°	1684.1	1675.5	1625.7	1523.1	1489.6	1575.0	1622.5	1645.1	1653.8	1651.6	1668.9
32.5°	1656.0	1650.6	1610.6	1523.1	1519.8	1656.0	1740.2	1772.7	1776.9	1779.1	1798.5
35°	1646.2	1645.1	1627.9	1575.0	1613.9	1798.5	1927.1	1951.9	1957.3	1957.3	1971.4
37.5°	1644.1	1649.5	1668.9	1672.2	1779.1	2010.2	2178.8	2216.6	2216.6	2227.4	2227.4
40°	1644.1	1656.0	1729.4	1816.9	1981.1	2285.8	2519.1	2562.2	2562.2	2574.2	2567.6
42.5°	1707.8	1725.1	1846.1	2012.5	2236.0	2569.9	2837.7	2886.3	2889.6	2886.3	2896.0
45°	1833.1	1848.3	1995.2	2233.9	2498.5	2874.4	3142.3	3200.7	3188.8	3196.4	3199.6
47.5°	1999.5	2023.3	2190.7	2475.8	2754.5	3156.4	3483.7	3536.7	3532.3	3535.6	3521.5
50°	2176.7	2201.5	2388.4	2715.6	3009.5	3383.3	3758.1	3837.0	3829.3	3834.8	3842.3
52.5°	2333.2	2348.4	2528.8	2896.0	3202.8	3595.0	3968.7	4067.0	4084.3	4086.4	4091.8
55°	2426.2	2444.6	2609.8	2985.7	3343.3	3802.3	4209.6	4358.6	4392.1	4400.8	4424.6
57.5°	2458.6	2478.1	2628.2	2998.7	3419.9	3996.8	4545.5	4808.0	4836.1	4882.5	4958.2
60°	2457.5	2478.1	2608.8	2969.5	3497.7	4237.7	5068.4	5508.0	5650.6	5698.2	5806.2
62.5°	2357.0	2380.8	2513.7	2880.9	3597.1	4545.5	5846.2	6522.4	6706.0	6792.4	6909.1
65°	2136.7	2154.0	2278.2	2656.3	3569.0	4849.1	6496.4	7340.0	7507.5	7633.9	7842.4
67°	1941.1	1951.9	2049.1	2390.5	3294.6	4859.9	6701.6	7543.1	7689.0	7822.9	8037.9
67.5°	1891.5	1914.2	1989.8	2309.5	3192.0	4798.4	6687.6	7511.9	7660.9	7800.2	8027.1
70°	1539.3	1571.7	1609.5	1824.5	2509.3	4036.8	6191.8	6969.5	7100.2	7229.9	7546.4
72.5°	949.5	1007.8	1015.4	1151.5	1633.3	2790.2	5010.1	5877.4	5975.8	6068.7	6392.7
75°	559.5	568.2	595.2	705.4	958.1	1667.8	3361.6	4366.3	4457.0	4502.4	4756.2
77.5°	312.2	320.8	343.5	438.6	736.7	1123.4	1957.3	2565.5	2620.6	2677.9	2636.9
80°	129.6	141.5	152.3	177.1	344.6	886.9	1346.0	1631.2	1666.8	1700.3	1742.4
82.5°	62.7	67.0	82.1	94.0	125.3	364.0	1055.4	1414.0	1456.1	1504.8	1603.1
85°	29.2	32.4	45.4	54.0	60.5	91.8	353.2	688.1	746.4	757.2	776.7
87.5°	2.1	2.1	5.4	7.5	10.8	11.9	36.7	51.8	58.3	52.9	67.0
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: P180701

CATALOG NUMBER: ICM-F05-LED-E1-SL3-8030

**CANDELA DISTRIBUTION (continued):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8
2.5°	1097.5	1096.4	1094.2	1094.2	1093.2	1093.2	1093.2	1091.0	1091.0	1091.0	1090.0
5°	1126.7	1125.6	1122.3	1122.3	1120.2	1120.2	1116.9	1115.8	1113.7	1113.7	1112.7
7.5°	1164.5	1163.4	1159.1	1159.1	1155.8	1154.8	1152.6	1149.3	1149.3	1147.2	1145.0
10°	1216.3	1213.1	1212.0	1206.6	1207.7	1205.5	1203.4	1200.1	1198.0	1195.8	1193.7
12.5°	1274.6	1274.6	1269.2	1266.1	1268.2	1266.1	1261.7	1260.7	1257.4	1257.4	1254.1
15°	1329.8	1329.8	1327.5	1323.3	1324.4	1321.1	1320.0	1317.9	1313.6	1314.6	1313.6
17.5°	1377.3	1377.3	1374.1	1371.9	1371.9	1368.7	1369.7	1367.5	1365.4	1364.3	1361.0
20°	1415.1	1415.1	1412.9	1410.8	1411.8	1411.8	1408.6	1408.6	1408.6	1406.4	1406.4
22.5°	1451.8	1452.8	1452.8	1452.8	1454.0	1455.1	1454.0	1456.1	1455.1	1457.2	1457.2
25°	1500.4	1503.6	1505.8	1505.8	1511.3	1512.3	1513.4	1516.7	1516.7	1519.8	1520.9
27.5°	1572.8	1575.0	1583.6	1585.8	1586.8	1595.5	1596.6	1600.8	1605.2	1606.2	1607.4
30°	1672.2	1677.6	1684.1	1688.4	1688.4	1699.2	1703.5	1701.3	1713.2	1716.5	1720.8
32.5°	1805.0	1809.4	1815.8	1820.2	1824.5	1829.9	1831.0	1836.4	1846.1	1854.7	1849.3
35°	1972.5	1983.3	1972.5	1984.4	1987.6	1995.2	1993.0	1999.5	2003.8	2007.1	2006.0
37.5°	2215.5	2210.2	2207.9	2203.6	2196.1	2222.0	2209.0	2207.9	2201.5	2219.8	2207.9
40°	2535.3	2538.5	2541.8	2524.5	2514.7	2514.7	2511.6	2499.6	2494.2	2510.4	2508.3
42.5°	2869.0	2872.3	2857.1	2846.3	2821.5	2818.2	2803.2	2799.9	2794.5	2803.2	2794.5
45°	3172.6	3174.7	3141.2	3146.7	3127.2	3130.4	3106.7	3116.4	3103.5	3112.1	3128.3
47.5°	3511.7	3516.1	3486.9	3498.8	3479.4	3467.5	3466.4	3472.9	3458.8	3467.5	3471.8
50°	3819.7	3814.3	3799.1	3802.3	3793.7	3795.8	3782.9	3794.8	3778.6	3795.8	3793.7
52.5°	4093.0	4086.4	4083.2	4094.0	4086.4	4086.4	4078.9	4084.3	4086.4	4112.4	4117.8
55°	4424.6	4430.0	4435.4	4454.8	4463.5	4449.4	4463.5	4490.4	4491.6	4553.1	4586.6
57.5°	4957.1	4994.9	5014.4	5026.3	5077.1	5071.7	5104.0	5168.9	5175.3	5317.9	5401.1
60°	5886.1	5953.1	6016.8	5982.3	6084.9	6116.2	6135.7	6256.6	6294.5	6429.4	6501.8
62.5°	7059.2	7066.7	7166.2	7134.8	7193.2	7179.1	7202.9	7258.0	7307.7	7418.9	7487.0
65°	7878.0	7913.6	7952.5	7912.6	7911.5	7864.0	7833.7	7832.6	7862.9	7886.7	7962.3
67°	8100.5	8136.2	8145.9	8116.8	8074.7	8014.1	7958.0	7928.8	7909.4	7920.1	7967.7
67.5°	8098.4	8131.9	8143.8	8115.7	8057.4	8006.6	7947.1	7913.6	7887.8	7893.2	7933.1
70°	7638.2	7710.6	7749.4	7758.1	7750.6	7662.0	7611.2	7581.0	7559.4	7506.5	7503.2
72.5°	6471.6	6559.1	6589.3	6637.9	6659.6	6528.8	6473.7	6507.2	6431.6	6264.1	6271.8
75°	4751.8	4758.4	4656.8	4637.3	4565.0	4269.0	4180.4	4099.5	3969.8	3767.8	3577.7
77.5°	2476.9	2475.8	2359.2	2299.7	2213.4	2035.1	2026.5	1881.8	1780.2	1595.5	1528.5
80°	1759.6	1787.7	1826.6	1846.1	1815.8	1746.7	1651.6	1549.0	1431.3	1315.7	1177.4
82.5°	1636.6	1653.8	1674.3	1598.7	1556.6	1459.4	1387.0	1238.0	1154.8	1023.0	883.6
85°	796.1	849.0	808.0	760.5	744.3	582.2	562.8	469.9	426.7	351.1	327.4
87.5°	50.8	62.7	56.2	50.8	44.3	24.8	33.5	23.7	24.8	18.3	16.2
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: P180701

CATALOG NUMBER: ICM-F05-LED-E1-SL3-8030

**CANDELA DISTRIBUTION (continued):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8
2.5°	1090.0	1088.8	1087.8	1086.7	1085.6	1085.6	1084.6	1083.4	1082.3	1080.2	1080.2
5°	1110.4	1110.4	1109.4	1107.3	1107.3	1105.0	1101.9	1100.8	1100.8	1098.6	1096.4
7.5°	1143.9	1142.9	1140.8	1139.6	1137.5	1135.3	1133.1	1131.0	1129.9	1126.7	1125.6
10°	1194.7	1192.6	1187.2	1185.0	1183.9	1181.8	1179.6	1177.4	1174.2	1172.0	1171.0
12.5°	1252.0	1250.9	1246.6	1248.8	1243.4	1241.1	1239.0	1233.6	1235.7	1231.4	1229.3
15°	1309.2	1310.3	1308.1	1308.1	1303.8	1300.6	1298.4	1294.1	1293.0	1290.9	1288.7
17.5°	1360.0	1362.1	1358.9	1356.8	1354.6	1352.5	1348.1	1343.8	1343.8	1339.5	1337.3
20°	1406.4	1408.6	1407.5	1405.4	1402.1	1401.0	1398.9	1395.6	1395.6	1393.5	1390.2
22.5°	1459.4	1460.5	1460.5	1459.4	1456.1	1457.2	1455.1	1451.8	1452.8	1448.6	1448.6
25°	1523.1	1525.3	1527.5	1528.5	1526.3	1527.5	1525.3	1523.1	1522.1	1523.1	1522.1
27.5°	1610.6	1612.8	1619.3	1613.9	1619.3	1620.3	1617.1	1612.8	1616.0	1621.4	1618.1
30°	1726.2	1724.0	1732.7	1733.8	1732.7	1733.8	1731.5	1728.4	1730.5	1740.2	1734.8
32.5°	1855.8	1860.1	1862.3	1864.5	1867.7	1872.0	1868.8	1865.5	1870.9	1867.7	1875.3
35°	2012.5	2022.2	2025.4	2022.2	2024.3	2031.9	2030.8	2031.9	2042.7	2031.9	2046.0
37.5°	2210.2	2219.8	2227.4	2223.1	2228.5	2228.5	2237.1	2260.9	2245.8	2265.2	2280.3
40°	2497.5	2512.6	2513.7	2512.6	2518.0	2524.5	2533.1	2559.0	2541.8	2562.2	2576.3
42.5°	2793.4	2811.8	2818.2	2807.5	2819.4	2833.4	2834.5	2857.1	2858.3	2861.5	2869.0
45°	3127.2	3143.5	3156.4	3151.0	3152.1	3170.4	3166.2	3187.7	3171.6	3171.6	3175.8
47.5°	3482.6	3497.7	3506.3	3515.0	3504.2	3520.4	3528.0	3523.6	3504.2	3499.9	3474.0
50°	3806.7	3819.7	3832.6	3856.4	3855.3	3862.8	3868.2	3848.8	3844.5	3820.8	3791.6
52.5°	4150.2	4183.7	4212.9	4262.5	4270.1	4296.0	4286.3	4253.9	4248.5	4209.6	4170.7
55°	4628.8	4724.9	4767.0	4843.7	4895.6	4894.4	4872.9	4867.5	4826.4	4748.6	4702.2
57.5°	5461.6	5611.8	5684.1	5783.5	5799.7	5790.0	5761.9	5712.2	5640.9	5510.2	5425.9
60°	6663.9	6756.8	6841.0	6864.8	6876.7	6858.3	6760.0	6649.8	6510.5	6330.1	6179.9
62.5°	7572.3	7667.4	7730.0	7720.3	7645.8	7551.8	7408.1	7223.4	7027.9	6825.9	6601.2
65°	8034.7	8074.7	8064.9	7989.3	7861.8	7697.6	7488.0	7260.1	7030.1	6791.3	6558.0
67°	8009.8	8010.9	7945.0	7798.1	7634.9	7428.7	7172.6	6924.2	6654.2	6403.5	6125.9
67.5°	7965.5	7961.2	7869.4	7708.4	7532.3	7319.6	7053.8	6796.7	6517.0	6264.1	5976.9
70°	7464.3	7403.8	7196.4	6939.3	6694.1	6406.7	6128.0	5833.2	5517.7	5300.6	4970.1
72.5°	6133.4	5929.3	5571.8	5302.8	5040.3	4664.4	4490.4	4124.3	3902.8	3764.6	3515.0
75°	3551.7	3381.0	3104.6	2852.9	2725.4	2502.9	2397.0	2128.0	2071.8	2069.7	1983.3
77.5°	1355.6	1182.8	1004.6	809.1	688.1	546.6	481.8	431.0	392.1	419.2	380.3
80°	1016.5	836.1	653.5	475.3	339.2	250.6	215.0	198.8	189.0	181.5	176.1
82.5°	757.2	597.4	463.4	302.4	211.7	159.9	138.2	129.6	125.3	117.8	111.3
85°	256.0	205.2	162.0	112.4	88.6	72.4	67.0	64.8	61.6	56.2	52.9
87.5°	14.0	12.9	14.0	10.8	12.9	10.8	11.9	11.9	11.9	10.8	10.8
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: P180701

CATALOG NUMBER: ICM-F05-LED-E1-SL3-8030

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8	1074.8
2.5°	1079.2	1079.2	1079.2	1076.9	1073.8	1067.3	1060.8	1055.4	1050.0	1046.7	1044.6
5°	1095.4	1093.2	1092.1	1091.0	1083.4	1070.5	1058.6	1047.8	1037.0	1028.4	1025.1
7.5°	1124.5	1120.2	1119.1	1115.8	1106.1	1086.7	1069.4	1052.1	1037.0	1025.1	1019.7
10°	1168.8	1168.8	1162.3	1158.0	1147.2	1121.3	1096.4	1073.8	1053.2	1040.3	1037.0
12.5°	1224.9	1224.9	1219.5	1216.3	1203.4	1169.9	1139.6	1112.7	1093.2	1080.2	1079.2
15°	1283.3	1282.2	1277.9	1273.6	1259.5	1223.9	1193.7	1169.9	1153.7	1138.5	1134.2
17.5°	1335.2	1335.2	1329.8	1325.4	1311.4	1281.1	1254.1	1236.8	1218.5	1187.2	1163.4
20°	1387.0	1388.1	1383.7	1379.5	1367.5	1341.6	1329.8	1312.5	1271.4	1203.4	1147.2
22.5°	1444.3	1448.6	1443.2	1438.9	1429.1	1418.3	1414.0	1372.9	1286.5	1177.4	1095.4
25°	1517.7	1525.3	1518.8	1516.7	1511.3	1514.4	1501.5	1406.4	1264.9	1121.3	1018.6
27.5°	1618.1	1618.1	1619.3	1619.3	1617.1	1628.9	1581.4	1407.5	1217.4	1048.9	926.8
30°	1735.9	1742.4	1740.2	1740.2	1748.8	1756.5	1625.7	1383.7	1156.9	959.3	814.5
32.5°	1877.4	1882.8	1884.9	1875.3	1909.8	1870.9	1642.0	1340.6	1082.3	848.0	680.6
35°	2048.1	2055.6	2061.0	2062.2	2084.8	1970.3	1633.3	1276.8	975.4	708.7	533.6
37.5°	2270.6	2285.8	2297.6	2303.0	2304.1	2054.6	1609.5	1192.6	836.1	553.0	397.5
40°	2566.6	2582.8	2579.6	2590.3	2528.8	2104.3	1555.5	1070.5	663.3	406.1	306.8
42.5°	2851.7	2854.0	2858.3	2848.6	2723.3	2130.2	1479.9	921.4	496.9	303.5	262.5
45°	3170.4	3152.1	3131.6	3116.4	2902.5	2139.9	1376.2	739.9	351.1	254.9	243.1
47.5°	3469.7	3444.8	3402.7	3359.5	3062.4	2124.8	1243.4	554.1	266.8	233.3	230.0
50°	3763.5	3717.0	3657.6	3607.9	3215.8	2102.1	1096.4	399.7	233.3	222.5	219.3
52.5°	4127.5	4049.7	3971.9	3907.2	3415.6	2066.4	942.0	303.5	219.3	213.9	209.6
55°	4626.5	4518.5	4393.2	4302.5	3686.8	2012.5	779.9	257.1	212.8	208.5	202.0
57.5°	5317.9	5155.8	5014.4	4866.4	4057.3	1957.3	640.6	238.7	211.7	205.2	196.6
60°	6024.4	5829.9	5649.5	5437.8	4435.4	1902.2	543.4	236.6	215.0	205.2	192.3
62.5°	6391.7	6190.7	5973.6	5758.6	4598.4	1772.7	476.4	239.8	222.5	208.5	192.3
65°	6307.4	6062.2	5841.8	5622.5	4409.4	1527.5	402.9	244.1	237.7	221.5	195.5
67°	5883.9	5627.9	5416.2	5206.6	3988.1	1279.0	345.7	248.5	253.9	236.6	202.0
67.5°	5734.8	5478.8	5270.4	5066.2	3863.9	1227.2	331.6	250.6	257.1	240.9	204.2
70°	4755.1	4567.2	4345.7	4188.0	3128.3	908.5	272.2	254.9	276.6	265.8	213.9
72.5°	3422.2	3242.8	3076.5	2988.9	2304.1	635.2	229.0	250.6	288.4	279.8	218.2
75°	1819.1	1808.3	1747.8	1791.0	1425.9	414.8	202.0	234.4	275.4	256.0	203.1
77.5°	367.3	378.0	444.0	437.5	460.2	231.2	172.8	200.9	212.8	188.0	165.3
80°	170.7	167.4	164.2	166.3	163.1	148.0	140.5	157.7	148.0	121.0	110.1
82.5°	105.9	103.7	100.5	99.3	110.1	117.8	123.2	124.2	98.3	84.3	81.0
85°	50.8	50.8	49.7	51.8	64.8	96.1	103.7	91.8	65.9	60.5	57.2
87.5°	9.8	9.8	10.8	9.8	12.9	22.7	26.0	30.2	24.8	26.0	29.2
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: P180701

CATALOG NUMBER: ICM-F05-LED-E1-SL3-8030

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	1074.8	1074.8	1074.8
2.5°	1042.4	1040.3	1040.3
5°	1020.8	1019.7	1019.7
7.5°	1015.4	1016.5	1015.4
10°	1035.9	1034.9	1039.2
12.5°	1081.3	1084.6	1083.4
15°	1128.8	1131.0	1131.0
17.5°	1142.9	1135.3	1134.2
20°	1106.1	1092.1	1088.8
22.5°	1037.0	1011.1	1012.2
25°	949.5	918.1	920.4
27.5°	848.0	814.5	813.4
30°	725.9	689.2	670.8
32.5°	579.0	534.7	534.7
35°	435.4	399.7	386.7
37.5°	330.5	310.0	303.5
40°	275.4	265.8	263.5
42.5°	250.6	247.4	246.3
45°	237.7	235.4	234.4
47.5°	225.8	224.7	223.6
50°	217.1	216.0	215.0
52.5°	209.6	207.4	206.3
55°	198.8	198.8	198.8
57.5°	192.3	192.3	191.2
60°	185.8	184.7	184.7
62.5°	180.4	178.2	179.3
65°	177.1	174.0	174.0
67°	175.0	168.6	168.6
67.5°	175.0	166.3	166.3
70°	171.7	157.7	155.5
72.5°	168.6	148.0	144.7
75°	159.9	140.5	137.2
77.5°	137.2	125.3	123.2
80°	105.9	91.8	94.0
82.5°	76.7	65.9	64.8
85°	55.1	47.5	47.5
87.5°	29.2	24.8	26.0
90°	0.0	0.0	0.0

(END OF REPORT)