

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: P180693

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180693
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
Description: ICON SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (28) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9326.3 lumens
Efficiency: N/A
Efficacy: 91.3 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

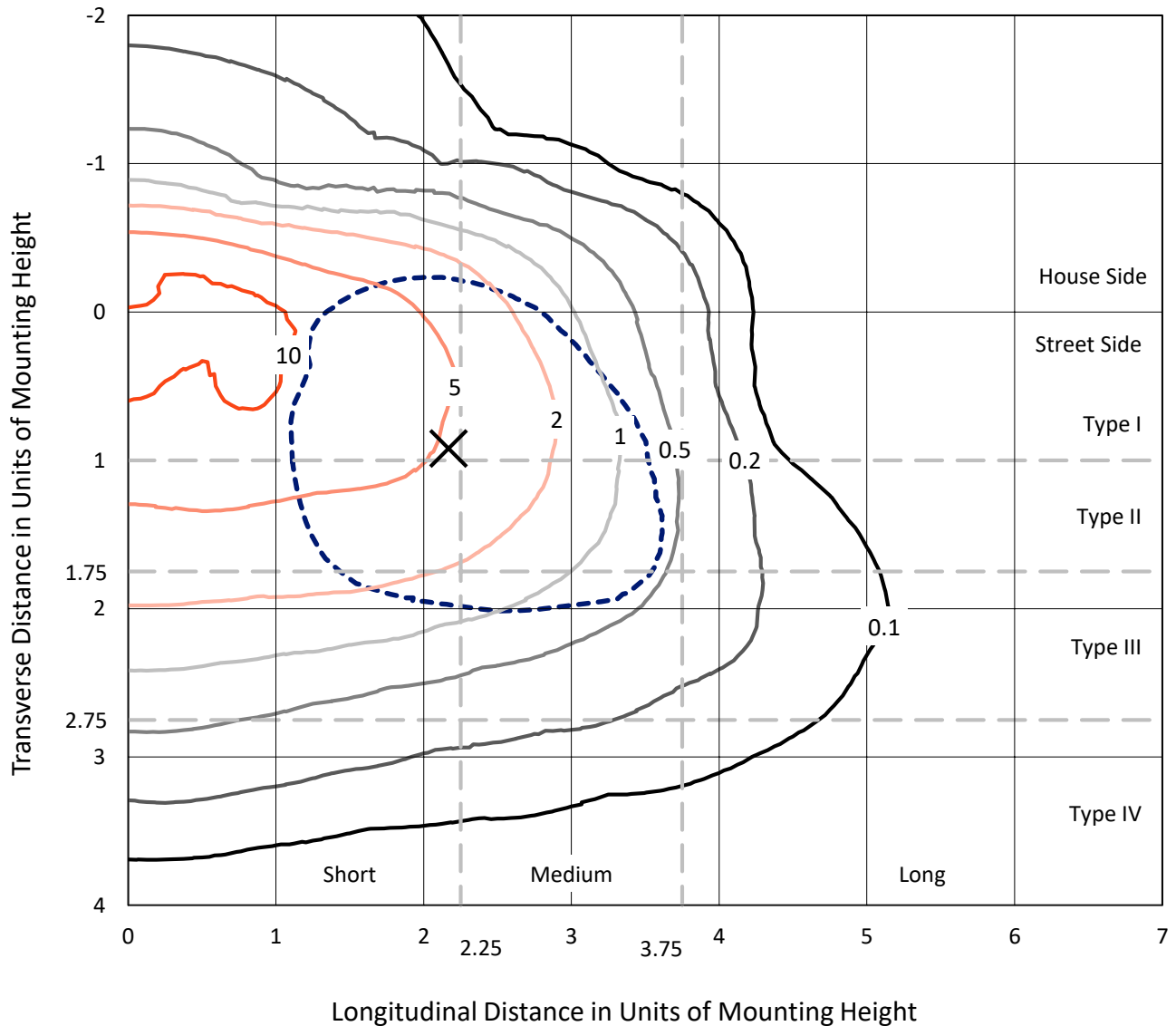
Input Watts (W): 102.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P180693
 CATALOG NUMBER: ICM-F04-LED-E1-SL3

Iso-Footcandle Lines of Horizontal Illumination

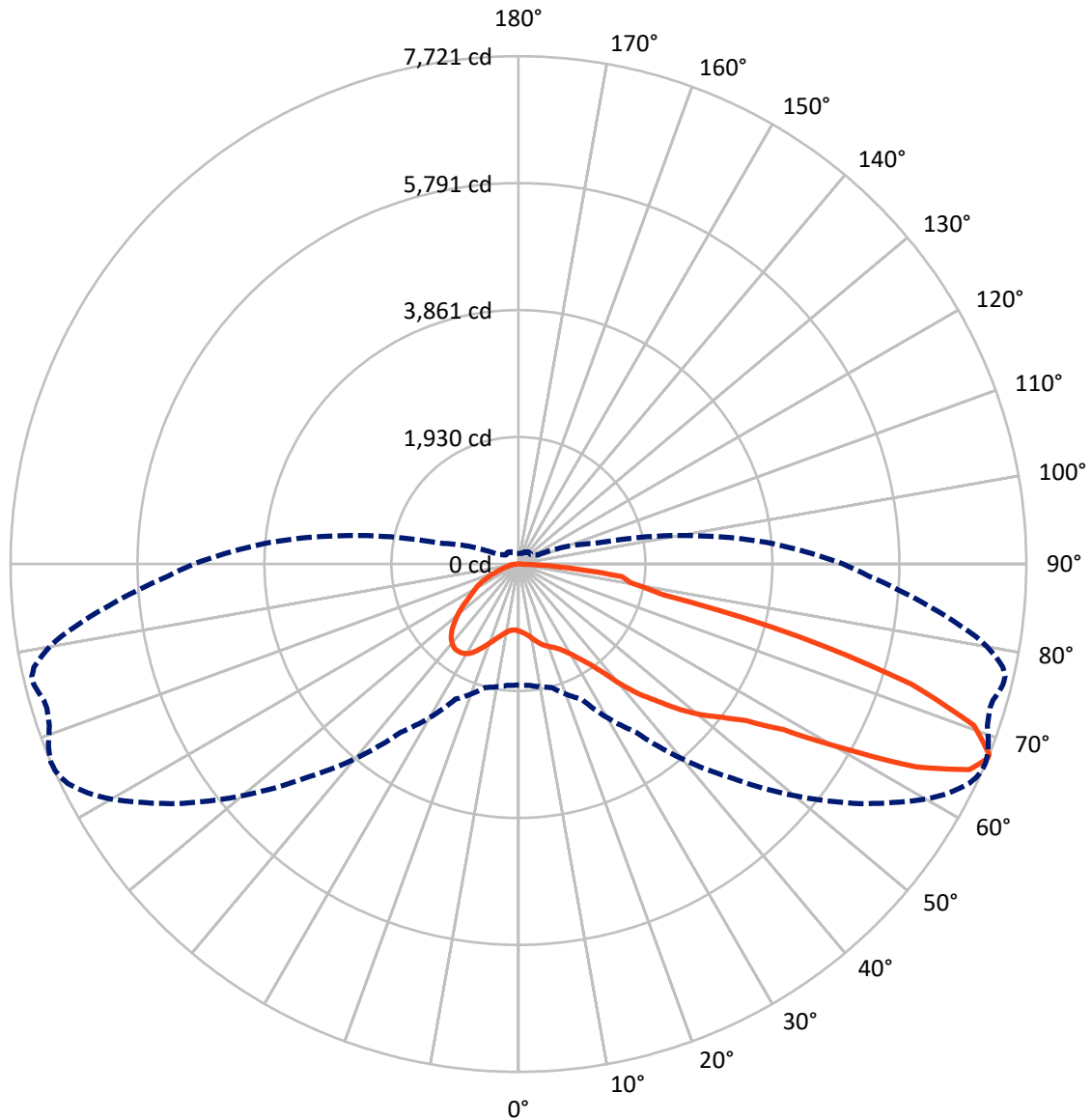
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13 fc
 Type III - Short - Semi-Cutoff

REPORT NUMBER: P180693
CATALOG NUMBER: ICM-F04-LED-E1-SL3

Luminous Intensity Polar Plot



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

REPORT NUMBER: P180693

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2152.2	0.0	2152.2
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	7174.1	0.0	7174.1
	% Fixture	76.9	0.0	76.9
Total	Lumens	9326.3	0.0	9326.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.4	1.1
10°-20°	347.8	3.7
20°-30°	614.1	6.6
30°-40°	881.5	9.5
40°-50°	1338.8	14.4
50°-60°	1971.2	21.1
60°-70°	2619.6	28.1
70°-80°	1281.6	13.7
80°-90°	170.2	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°	9326.3	100.0
0°-180°	9326.3	100.0



REPORT NUMBER: P180693

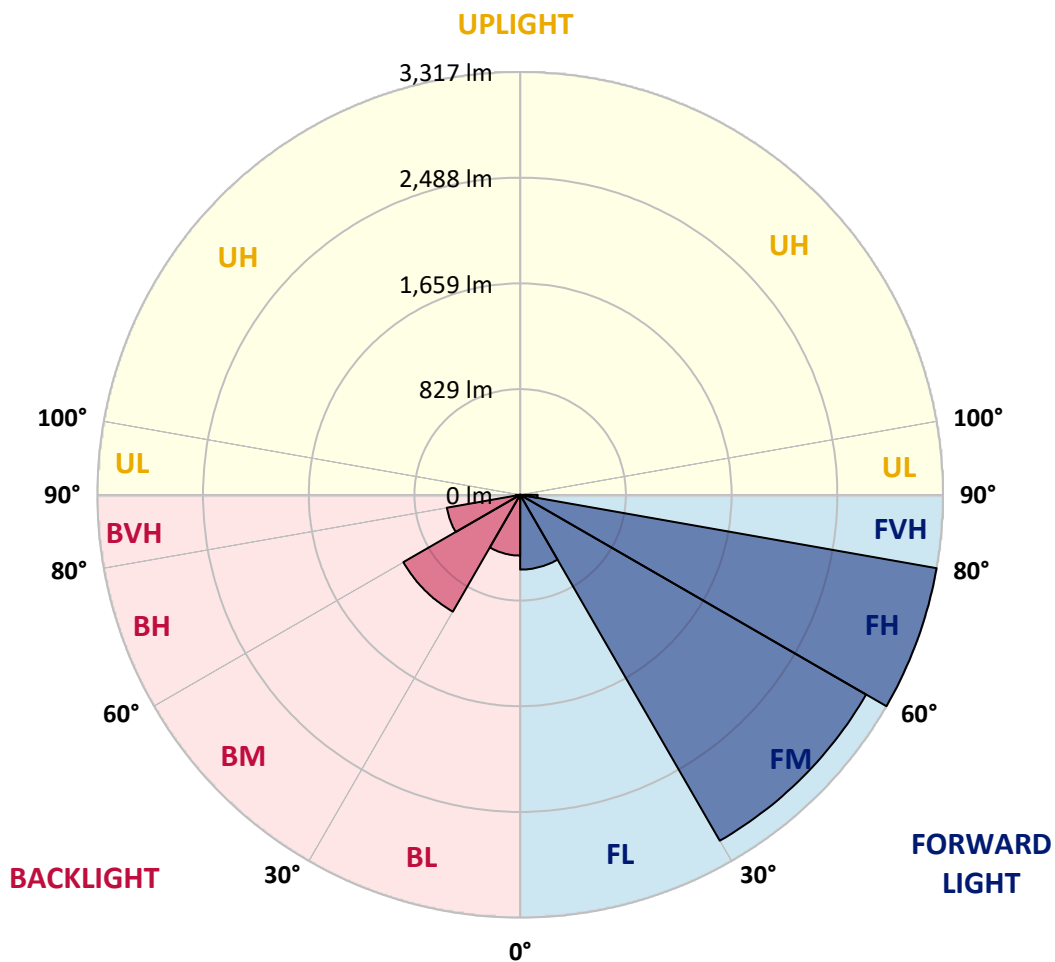
CATALOG NUMBER: ICM-F04-LED-E1-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	586.7	6.3			
FM	(30°-60°)	3133.4	33.6			
FH	(60°-80°)	3317.3	35.6			G2/5000
FVH	(80°-90°)	136.7	1.5			G2/225
BL	(0°-30°)	476.7	5.1	B1/500		
BM	(30°-60°)	1058.1	11.3	B2/2500		
BH	(60°-80°)	583.9	6.3	B2/1000		G2/1000
BVH	(80°-90°)	33.5	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: P180693

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8
2.5°	1066.9	1067.9	1065.9	1064.8	1058.7	1052.6	1048.5	1043.4	1043.4	1043.4	1041.3
5°	1127.4	1123.3	1126.3	1119.2	1106.9	1095.5	1084.3	1075.1	1073.0	1073.0	1068.9
7.5°	1200.0	1194.9	1192.8	1182.6	1164.2	1147.8	1125.3	1116.1	1111.0	1108.9	1106.9
10°	1288.1	1288.1	1274.8	1257.4	1232.8	1204.1	1179.5	1163.2	1162.1	1162.1	1152.9
12.5°	1378.1	1380.2	1362.8	1345.4	1305.5	1267.6	1238.9	1220.5	1219.4	1215.4	1210.2
15°	1461.1	1456.0	1444.8	1419.2	1375.1	1330.1	1294.2	1275.8	1271.7	1267.6	1264.6
17.5°	1529.7	1524.6	1510.2	1477.5	1431.5	1378.1	1334.1	1314.7	1312.7	1310.6	1306.5
20°	1572.8	1568.7	1548.2	1510.2	1462.1	1407.9	1360.8	1347.5	1343.4	1343.4	1341.3
22.5°	1597.3	1591.2	1561.5	1511.3	1464.2	1424.3	1385.3	1377.1	1374.1	1375.1	1375.1
25°	1609.6	1604.5	1562.5	1490.8	1445.8	1434.5	1418.1	1413.0	1414.1	1415.1	1417.1
27.5°	1611.6	1604.5	1555.4	1464.2	1422.2	1454.0	1465.2	1473.4	1473.4	1477.5	1484.7
30°	1596.3	1588.1	1541.0	1443.7	1412.0	1492.8	1538.0	1559.5	1567.6	1565.6	1582.0
32.5°	1569.7	1564.6	1526.6	1443.7	1440.7	1569.7	1649.5	1680.2	1684.4	1686.4	1704.8
35°	1560.5	1559.5	1543.1	1492.8	1529.7	1704.8	1826.6	1850.2	1855.4	1855.4	1868.7
37.5°	1558.4	1563.5	1582.0	1585.0	1686.4	1905.5	2065.2	2101.0	2101.0	2111.3	2111.3
40°	1558.4	1569.7	1639.3	1722.2	1877.9	2166.6	2387.7	2428.8	2428.8	2440.0	2433.9
42.5°	1618.8	1635.2	1749.9	1907.5	2119.5	2435.9	2689.8	2735.9	2739.0	2735.9	2745.1
45°	1737.6	1751.9	1891.2	2117.4	2368.3	2724.7	2978.5	3033.9	3022.6	3029.8	3032.9
47.5°	1895.3	1917.8	2076.5	2346.8	2611.0	2991.8	3302.2	3352.3	3348.2	3351.3	3338.0
50°	2063.2	2086.7	2263.8	2574.2	2852.6	3206.9	3562.2	3637.0	3629.8	3634.9	3642.1
52.5°	2211.6	2226.0	2396.9	2745.1	3035.9	3407.6	3761.9	3855.0	3871.4	3873.4	3878.6
55°	2299.7	2317.1	2473.8	2830.1	3169.0	3604.2	3990.2	4131.5	4163.2	4171.5	4194.0
57.5°	2330.4	2348.9	2491.2	2842.3	3241.7	3788.5	4308.6	4557.4	4584.0	4628.1	4699.7
60°	2329.4	2348.9	2472.8	2814.7	3315.5	4016.8	4804.2	5221.0	5356.1	5401.1	5503.6
62.5°	2234.2	2256.7	2382.6	2730.8	3409.6	4308.6	5541.4	6182.4	6356.4	6438.4	6549.0
65°	2025.3	2041.7	2159.5	2517.8	3383.0	4596.3	6157.8	6957.5	7116.2	7236.0	7433.6
67°	1840.0	1850.2	1942.3	2265.9	3122.9	4606.5	6352.3	7150.0	7288.2	7415.2	7618.9
67.5°	1792.8	1814.3	1886.1	2189.1	3025.7	4548.2	6339.0	7120.3	7261.6	7393.7	7608.7
70°	1459.1	1489.8	1525.6	1729.4	2378.5	3826.3	5869.1	6606.3	6730.2	6853.1	7153.1
72.5°	900.0	955.4	962.5	1091.4	1548.2	2644.8	4748.9	5571.1	5664.3	5752.3	6059.5
75°	530.4	538.6	564.2	668.7	908.2	1580.9	3186.4	4138.6	4224.7	4267.7	4508.3
77.5°	295.9	304.1	325.6	415.7	698.3	1064.8	1855.4	2431.8	2484.0	2538.2	2499.4
80°	122.9	134.1	144.4	167.9	326.6	840.7	1275.8	1546.1	1579.9	1611.6	1651.5
82.5°	59.3	63.4	77.9	89.1	118.8	345.0	1000.4	1340.3	1380.2	1426.3	1519.5
85°	27.6	30.7	43.0	51.2	57.3	87.1	334.8	652.2	707.5	717.8	736.2
87.5°	2.0	2.0	5.1	7.2	10.2	11.3	34.8	49.1	55.3	50.1	63.4
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: P180693

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

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8
2.5°	1040.3	1039.3	1037.2	1037.2	1036.2	1036.2	1036.2	1034.1	1034.1	1034.1	1033.1
5°	1067.9	1066.9	1063.8	1063.8	1061.8	1061.8	1058.7	1057.7	1055.6	1055.6	1054.6
7.5°	1103.8	1102.8	1098.7	1098.7	1095.5	1094.5	1092.5	1089.4	1089.4	1087.4	1085.3
10°	1152.9	1149.9	1148.8	1143.7	1144.8	1142.7	1140.7	1137.6	1135.5	1133.5	1131.4
12.5°	1208.2	1208.2	1203.1	1200.0	1202.1	1200.0	1195.9	1194.9	1191.8	1191.8	1188.8
15°	1260.5	1260.5	1258.4	1254.3	1255.4	1252.3	1251.3	1249.2	1245.1	1246.1	1245.1
17.5°	1305.5	1305.5	1302.4	1300.4	1300.4	1297.3	1298.3	1296.3	1294.2	1293.2	1290.1
20°	1341.3	1341.3	1339.3	1337.2	1338.2	1338.2	1335.2	1335.2	1335.2	1333.1	1333.1
22.5°	1376.1	1377.1	1377.1	1377.1	1378.1	1379.2	1378.1	1380.2	1379.2	1381.2	1381.2
25°	1422.2	1425.3	1427.4	1427.4	1432.5	1433.5	1434.5	1437.6	1437.6	1440.7	1441.7
27.5°	1490.8	1492.8	1501.0	1503.1	1504.1	1512.3	1513.3	1517.4	1521.5	1522.5	1523.5
30°	1585.0	1590.1	1596.3	1600.4	1600.4	1610.6	1614.7	1612.7	1623.9	1627.0	1631.1
32.5°	1711.0	1715.1	1721.2	1725.3	1729.4	1734.5	1735.5	1740.7	1749.9	1758.1	1752.9
35°	1869.7	1879.9	1869.7	1880.9	1884.0	1891.2	1889.1	1895.3	1899.4	1902.4	1901.4
37.5°	2100.0	2094.9	2092.9	2088.8	2081.6	2106.2	2093.9	2092.9	2086.7	2104.1	2092.9
40°	2403.1	2406.2	2409.2	2392.9	2383.6	2383.6	2380.6	2369.3	2364.2	2379.5	2377.5
42.5°	2719.6	2722.6	2708.3	2698.0	2674.4	2671.4	2657.0	2654.0	2648.9	2657.0	2648.9
45°	3007.3	3009.3	2977.5	2982.6	2964.2	2967.3	2944.8	2954.0	2941.7	2949.9	2965.2
47.5°	3328.8	3332.9	3305.2	3316.5	3298.1	3286.7	3285.7	3291.9	3278.5	3286.7	3290.8
50°	3620.6	3615.5	3601.1	3604.2	3596.0	3598.1	3585.8	3597.0	3581.6	3598.1	3596.0
52.5°	3879.7	3873.4	3870.3	3880.7	3873.4	3873.4	3866.3	3871.4	3873.4	3898.1	3903.2
55°	4194.0	4199.1	4204.2	4222.6	4230.8	4217.5	4230.8	4256.4	4257.4	4315.8	4347.6
57.5°	4698.7	4734.5	4753.0	4764.3	4812.4	4807.3	4838.0	4899.4	4905.6	5040.7	5119.6
60°	5579.3	5642.8	5703.2	5670.5	5767.7	5797.4	5815.8	5930.5	5966.4	6094.4	6162.9
62.5°	6691.3	6698.5	6792.6	6762.9	6818.3	6805.0	6827.5	6879.7	6926.7	7032.2	7096.8
65°	7467.4	7501.2	7538.1	7500.1	7499.1	7454.1	7425.4	7424.4	7453.1	7475.6	7547.3
67°	7678.3	7712.1	7721.3	7693.7	7653.7	7596.4	7543.2	7515.5	7497.1	7507.3	7552.4
67.5°	7676.2	7708.0	7719.3	7692.7	7637.3	7589.3	7532.9	7501.2	7476.6	7481.7	7519.6
70°	7240.0	7308.7	7345.5	7353.7	7346.6	7262.6	7214.5	7185.8	7165.3	7115.2	7112.1
72.5°	6134.3	6217.2	6245.9	6291.9	6312.4	6188.5	6136.3	6168.0	6096.4	5937.7	5944.9
75°	4504.2	4510.4	4414.1	4395.7	4327.1	4046.5	3962.5	3885.8	3762.9	3571.4	3391.2
77.5°	2347.8	2346.8	2236.2	2179.9	2098.0	1929.0	1920.8	1783.6	1687.5	1512.3	1448.8
80°	1667.9	1694.6	1731.5	1749.9	1721.2	1655.6	1565.6	1468.3	1356.7	1247.2	1116.1
82.5°	1551.3	1567.6	1587.1	1515.4	1475.5	1383.3	1314.7	1173.4	1094.5	969.7	837.6
85°	754.6	804.8	765.9	720.8	705.5	551.9	533.5	445.4	404.5	332.7	310.2
87.5°	48.1	59.3	53.2	48.1	42.0	23.5	31.7	22.5	23.5	17.4	15.3
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: P180693

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

CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8
2.5°	1033.1	1032.1	1031.1	1030.1	1029.0	1029.0	1028.0	1027.0	1026.0	1023.9	1023.9
5°	1052.6	1052.6	1051.5	1049.5	1049.5	1047.4	1044.4	1043.4	1043.4	1041.3	1039.3
7.5°	1084.3	1083.3	1081.2	1080.2	1078.1	1076.1	1074.1	1072.0	1071.0	1067.9	1066.9
10°	1132.5	1130.4	1125.3	1123.3	1122.2	1120.2	1118.1	1116.1	1113.0	1111.0	1110.0
12.5°	1186.7	1185.7	1181.6	1183.6	1178.5	1176.5	1174.4	1169.3	1171.4	1167.3	1165.2
15°	1240.9	1242.0	1239.9	1239.9	1235.8	1232.8	1230.7	1226.6	1225.6	1223.5	1221.5
17.5°	1289.1	1291.2	1288.1	1286.1	1284.0	1282.0	1277.9	1273.8	1273.8	1269.7	1267.6
20°	1333.1	1335.2	1334.1	1332.1	1329.0	1328.0	1326.0	1322.9	1322.9	1320.8	1317.8
22.5°	1383.3	1384.3	1384.3	1383.3	1380.2	1381.2	1379.2	1376.1	1377.1	1373.0	1373.0
25°	1443.7	1445.8	1447.8	1448.8	1446.8	1447.8	1445.8	1443.7	1442.7	1443.7	1442.7
27.5°	1526.6	1528.7	1534.8	1529.7	1534.8	1535.8	1532.8	1528.7	1531.7	1536.9	1533.8
30°	1636.2	1634.1	1642.3	1643.4	1642.3	1643.4	1641.3	1638.2	1640.3	1649.5	1644.4
32.5°	1759.1	1763.2	1765.2	1767.3	1770.3	1774.4	1771.4	1768.3	1773.4	1770.3	1777.5
35°	1907.5	1916.8	1919.8	1916.8	1918.8	1926.0	1924.9	1926.0	1936.2	1926.0	1939.3
37.5°	2094.9	2104.1	2111.3	2107.2	2112.3	2112.3	2120.5	2143.1	2128.8	2147.2	2161.5
40°	2367.3	2381.6	2382.6	2381.6	2386.7	2392.9	2401.0	2425.7	2409.2	2428.8	2442.1
42.5°	2647.8	2665.2	2671.4	2661.1	2672.4	2685.7	2686.7	2708.3	2709.3	2712.4	2719.6
45°	2964.2	2979.6	2991.8	2986.7	2987.7	3005.2	3001.1	3021.6	3006.3	3006.3	3010.3
47.5°	3301.1	3315.5	3323.6	3331.8	3321.6	3337.0	3344.1	3340.0	3321.6	3317.5	3293.0
50°	3608.3	3620.6	3632.9	3655.4	3654.3	3661.5	3666.6	3648.2	3644.1	3621.6	3594.0
52.5°	3933.9	3965.6	3993.2	4040.4	4047.6	4072.1	4062.9	4032.2	4027.1	3990.2	3953.3
55°	4387.5	4478.6	4518.5	4591.2	4640.4	4639.4	4618.9	4613.8	4574.8	4501.1	4457.1
57.5°	5176.9	5319.2	5387.8	5482.0	5497.4	5488.2	5461.5	5414.5	5346.9	5223.0	5143.1
60°	6316.5	6404.6	6484.4	6506.9	6518.3	6500.8	6407.7	6303.2	6171.1	6000.1	5857.8
62.5°	7177.6	7267.8	7327.1	7317.9	7247.3	7158.2	7022.0	6846.9	6661.6	6470.1	6257.2
65°	7615.9	7653.7	7644.5	7572.9	7452.0	7296.4	7097.8	6881.7	6663.7	6437.3	6216.1
67°	7592.3	7593.3	7530.8	7391.7	7237.0	7041.4	6798.7	6563.3	6307.3	6069.7	5806.6
67.5°	7550.4	7546.3	7459.2	7306.6	7139.8	6938.0	6686.2	6442.5	6177.2	5937.7	5665.3
70°	7075.2	7017.9	6821.3	6577.6	6345.2	6072.9	5808.7	5529.2	5230.2	5024.3	4711.0
72.5°	5813.8	5620.2	5281.3	5026.4	4777.6	4421.2	4256.4	3909.3	3699.4	3568.3	3331.8
75°	3366.6	3204.9	2942.7	2704.1	2583.4	2372.4	2272.1	2017.1	1963.8	1961.8	1879.9
77.5°	1285.0	1121.2	952.3	766.9	652.2	518.1	456.7	408.6	371.7	397.3	360.4
80°	963.5	792.5	619.4	450.5	321.5	237.6	203.7	188.4	179.2	172.0	166.9
82.5°	717.8	566.2	439.3	286.7	200.7	151.5	131.1	122.9	118.8	111.6	105.5
85°	242.7	194.5	153.6	106.5	84.0	68.6	63.4	61.4	58.3	53.2	50.1
87.5°	13.3	12.3	13.3	10.2	12.3	10.2	11.3	11.3	11.3	10.2	10.2
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: P180693

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

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8	1018.8
2.5°	1022.9	1022.9	1022.9	1020.8	1017.8	1011.6	1005.5	1000.4	995.3	992.2	990.1
5°	1038.2	1036.2	1035.2	1034.1	1027.0	1014.7	1003.4	993.2	983.0	974.8	971.7
7.5°	1065.9	1061.8	1060.8	1057.7	1048.5	1030.1	1013.7	997.3	983.0	971.7	966.6
10°	1107.9	1107.9	1101.8	1097.7	1087.4	1062.8	1039.3	1017.8	998.3	986.1	983.0
12.5°	1161.1	1161.1	1156.0	1152.9	1140.7	1108.9	1080.2	1054.6	1036.2	1023.9	1022.9
15°	1216.4	1215.4	1211.3	1207.2	1193.9	1160.1	1131.4	1108.9	1093.5	1079.2	1075.1
17.5°	1265.6	1265.6	1260.5	1256.4	1243.0	1214.3	1188.8	1172.4	1155.0	1125.3	1102.8
20°	1314.7	1315.7	1311.6	1307.5	1296.3	1271.7	1260.5	1244.1	1205.1	1140.7	1087.4
22.5°	1368.9	1373.0	1367.9	1363.8	1354.6	1344.4	1340.3	1301.4	1219.4	1116.1	1038.2
25°	1438.6	1445.8	1439.6	1437.6	1432.5	1435.5	1423.3	1333.1	1199.0	1062.8	965.6
27.5°	1533.8	1533.8	1534.8	1534.8	1532.8	1544.1	1499.0	1334.1	1154.0	994.2	878.5
30°	1645.4	1651.5	1649.5	1649.5	1657.7	1664.8	1541.0	1311.6	1096.6	909.2	772.0
32.5°	1779.5	1784.7	1786.7	1777.5	1810.2	1773.4	1556.4	1270.7	1026.0	803.7	645.0
35°	1941.3	1948.5	1953.6	1954.6	1976.2	1867.6	1548.2	1210.2	924.6	671.7	505.8
37.5°	2152.3	2166.6	2177.9	2183.0	2184.0	1947.5	1525.6	1130.4	792.5	524.3	376.8
40°	2432.9	2448.2	2445.1	2455.4	2396.9	1994.6	1474.4	1014.7	628.7	385.0	290.8
42.5°	2703.1	2705.1	2709.3	2700.0	2581.3	2019.2	1402.8	873.4	471.0	287.7	248.8
45°	3005.2	2987.7	2968.3	2954.0	2751.3	2028.4	1304.5	701.4	332.7	241.7	230.4
47.5°	3288.8	3265.2	3225.3	3184.4	2902.8	2014.1	1178.5	525.3	252.9	221.2	218.0
50°	3567.3	3523.3	3467.0	3419.8	3048.2	1992.6	1039.3	378.9	221.2	210.9	207.8
52.5°	3912.4	3838.6	3765.0	3703.5	3237.6	1958.7	892.8	287.7	207.8	202.7	198.6
55°	4385.4	4283.0	4164.2	4078.3	3494.6	1907.5	739.3	243.7	201.7	197.6	191.4
57.5°	5040.7	4887.1	4753.0	4612.8	3845.8	1855.4	607.2	226.3	200.7	194.5	186.3
60°	5710.4	5526.1	5355.1	5154.4	4204.2	1803.1	515.1	224.3	203.7	194.5	182.2
62.5°	6058.5	5868.0	5662.3	5458.5	4358.8	1680.2	451.5	227.4	210.9	197.6	182.2
65°	5978.6	5746.2	5537.3	5329.4	4179.7	1447.8	382.0	231.4	225.3	209.9	185.3
67°	5577.2	5334.5	5133.9	4935.3	3780.3	1212.3	327.6	235.5	240.7	224.3	191.4
67.5°	5435.9	5193.2	4995.7	4802.2	3662.5	1163.2	314.3	237.6	243.7	228.4	193.5
70°	4507.3	4329.1	4119.2	3969.7	2965.2	861.1	258.0	241.7	262.1	251.9	202.7
72.5°	3243.7	3073.8	2916.1	2833.1	2184.0	602.1	217.0	237.6	273.4	265.2	206.8
75°	1724.3	1714.1	1656.7	1697.7	1351.5	393.2	191.4	222.2	261.1	242.7	192.5
77.5°	348.1	358.3	420.8	414.7	436.2	219.1	163.8	190.4	201.7	178.1	156.7
80°	161.8	158.7	155.6	157.7	154.6	140.3	133.1	149.5	140.3	114.7	104.5
82.5°	100.4	98.3	95.3	94.2	104.5	111.6	116.7	117.8	93.2	79.9	76.8
85°	48.1	48.1	47.1	49.1	61.4	91.2	98.3	87.1	62.4	57.3	54.2
87.5°	9.2	9.2	10.2	9.2	12.3	21.5	24.6	28.7	23.5	24.6	27.6
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: P180693

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

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1018.8	1018.8	1018.8
2.5°	988.1	986.1	986.1
5°	967.6	966.6	966.6
7.5°	962.5	963.5	962.5
10°	982.0	980.9	985.0
12.5°	1024.9	1028.0	1027.0
15°	1070.0	1072.0	1072.0
17.5°	1083.3	1076.1	1075.1
20°	1048.5	1035.2	1032.1
22.5°	983.0	958.4	959.4
25°	900.0	870.3	872.4
27.5°	803.7	772.0	771.0
30°	688.1	653.2	635.8
32.5°	548.8	506.8	506.8
35°	412.7	378.9	366.6
37.5°	313.3	293.9	287.7
40°	261.1	251.9	249.9
42.5°	237.6	234.5	233.5
45°	225.3	223.3	222.2
47.5°	214.0	212.9	211.9
50°	205.8	204.7	203.7
52.5°	198.6	196.6	195.5
55°	188.4	188.4	188.4
57.5°	182.2	182.2	181.2
60°	176.1	175.1	175.1
62.5°	171.0	168.9	170.0
65°	167.9	164.8	164.8
67°	165.9	159.7	159.7
67.5°	165.9	157.7	157.7
70°	162.8	149.5	147.4
72.5°	159.7	140.3	137.2
75°	151.5	133.1	130.0
77.5°	130.0	118.8	116.7
80°	100.4	87.1	89.1
82.5°	72.7	62.4	61.4
85°	52.2	45.0	45.0
87.5°	27.6	23.5	24.6
90°	0.0	0.0	0.0

(END OF REPORT)