

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: P180753

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

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180753  
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: ICS-F04-LED-E1-SL3  
Description: ICON SITE SMALL 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: 9023.6 lumens  
Efficiency: N/A  
Efficacy: 88.3 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

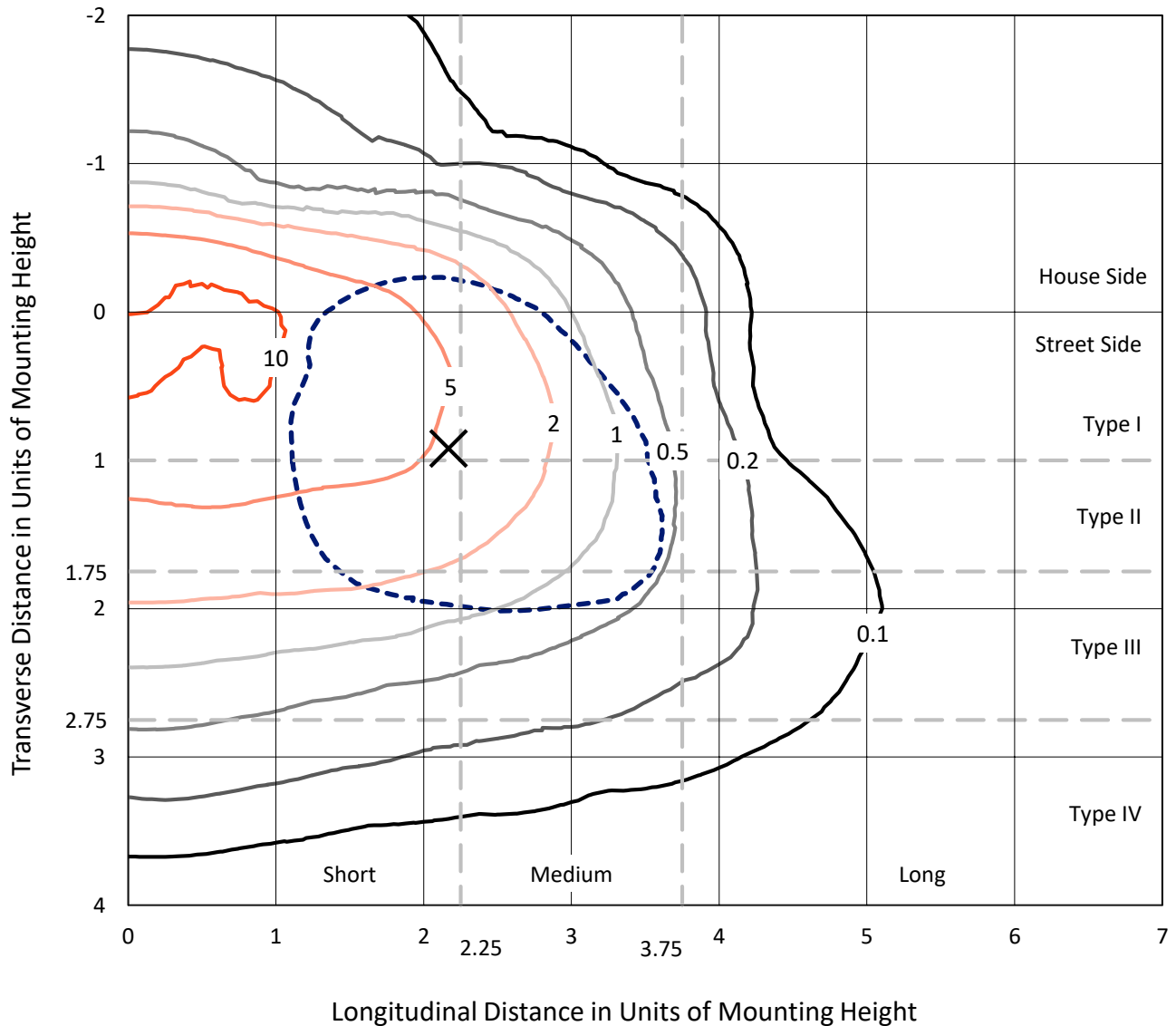
Input Watts (W): 102.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P180753  
 CATALOG NUMBER: ICS-F04-LED-E1-SL3

### Iso-Footcandle Lines of Horizontal Illumination

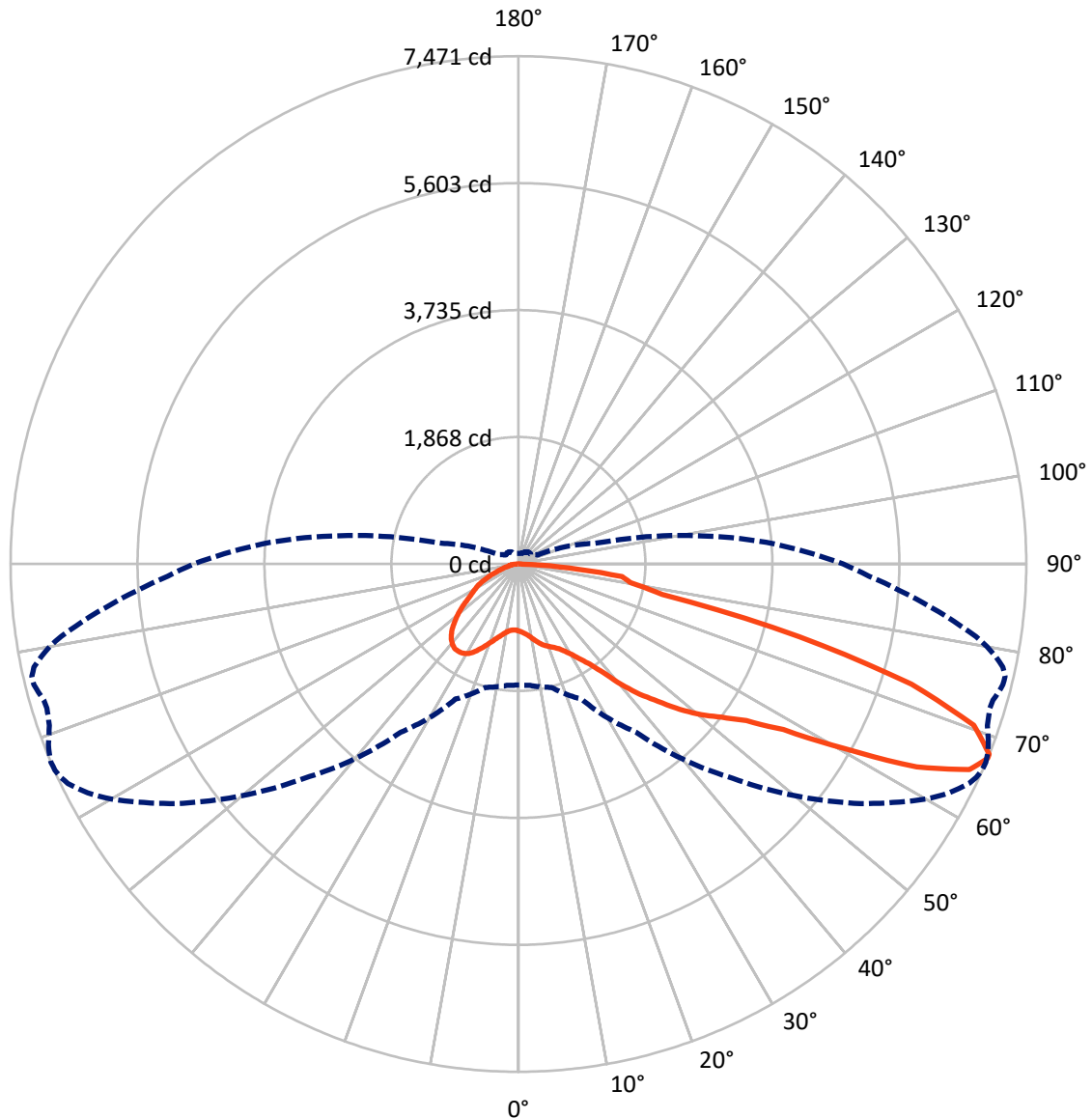
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.6 fc  
 Type III - Short - Semi-Cutoff

REPORT NUMBER: P180753  
CATALOG NUMBER: ICS-F04-LED-E1-SL3

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P180753

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

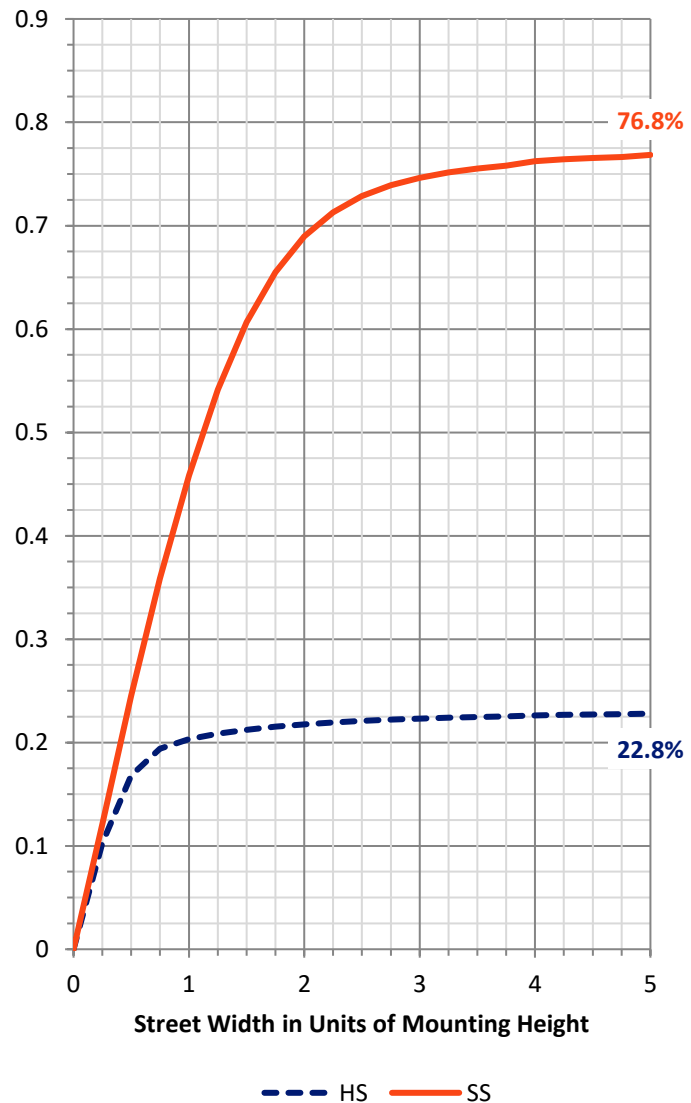
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2082.3	0.0	2082.3
	% Fixture	23.1	0.0	23.1
<b>Street Side</b>	Lumens	6941.3	0.0	6941.3
	% Fixture	76.9	0.0	76.9
<b>Total</b>	Lumens	9023.6	0.0	9023.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	98.1	1.1
10°-20°	336.5	3.7
20°-30°	594.2	6.6
30°-40°	852.9	9.5
40°-50°	1295.4	14.4
50°-60°	1907.2	21.1
60°-70°	2534.6	28.1
70°-80°	1240.0	13.7
80°-90°	164.7	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°	9023.6	100.0
0°-180°	9023.6	100.0



REPORT NUMBER: P180753

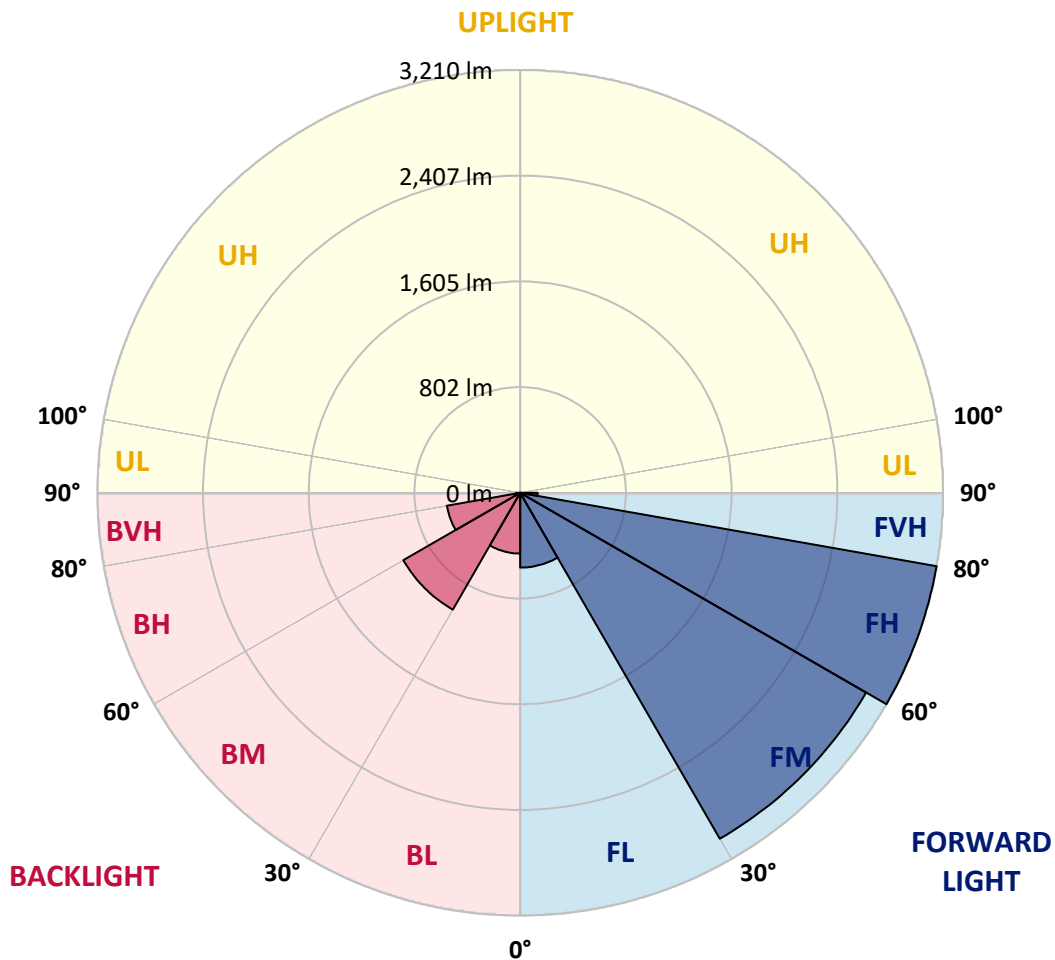
CATALOG NUMBER: ICS-F04-LED-E1-SL3

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	567.7	6.3			
FM	(30°-60°)	3031.7	33.6			
FH	(60°-80°)	3209.6	35.6			G2/5000
FVH	(80°-90°)	132.3	1.5			G2/225
BL	(0°-30°)	461.2	5.1	B1/500		
BM	(30°-60°)	1023.8	11.3	B2/2500		
BH	(60°-80°)	565.0	6.3	B2/1000		G2/1000
BVH	(80°-90°)	32.4	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: P180753

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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7
2.5°	1032.3	1033.3	1031.3	1030.3	1024.4	1018.4	1014.5	1009.5	1009.5	1009.5	1007.5
5°	1090.7	1086.8	1089.8	1082.8	1070.9	1060.0	1049.1	1040.2	1038.2	1038.2	1034.3
7.5°	1161.1	1156.1	1154.1	1144.2	1126.4	1110.6	1088.8	1079.8	1074.9	1072.9	1070.9
10°	1246.3	1246.3	1233.4	1216.6	1192.8	1165.0	1141.3	1125.4	1124.4	1124.4	1115.5
12.5°	1333.5	1335.4	1318.6	1301.8	1263.1	1226.5	1198.7	1180.9	1179.9	1175.9	1171.0
15°	1413.7	1408.8	1397.9	1373.1	1330.5	1286.9	1252.2	1234.4	1230.4	1226.5	1223.5
17.5°	1480.1	1475.1	1461.3	1429.6	1385.0	1333.5	1290.9	1272.0	1270.1	1268.1	1264.1
20°	1521.7	1517.7	1497.9	1461.3	1414.7	1362.2	1316.6	1303.7	1299.8	1299.8	1297.8
22.5°	1545.5	1539.5	1510.8	1462.2	1416.7	1378.0	1340.4	1332.5	1329.5	1330.5	1330.5
25°	1557.4	1552.4	1511.8	1442.4	1398.8	1387.9	1372.1	1367.1	1368.1	1369.1	1371.1
27.5°	1559.3	1552.4	1504.8	1416.7	1376.1	1406.8	1417.7	1425.6	1425.6	1429.6	1436.5
30°	1544.5	1536.6	1491.0	1396.9	1366.2	1444.4	1488.0	1508.8	1516.7	1514.8	1530.6
32.5°	1518.7	1513.8	1477.1	1396.9	1393.9	1518.7	1596.0	1625.7	1629.7	1631.7	1649.5
35°	1509.8	1508.8	1493.0	1444.4	1480.1	1649.5	1767.4	1790.2	1795.1	1795.1	1808.0
37.5°	1507.8	1512.8	1530.6	1533.6	1631.7	1843.7	1998.2	2032.9	2032.9	2042.8	2042.8
40°	1507.8	1518.7	1586.1	1666.3	1816.9	2096.3	2310.3	2349.9	2349.9	2360.8	2354.9
42.5°	1566.3	1582.1	1693.1	1845.6	2050.7	2356.8	2602.5	2647.1	2650.1	2647.1	2656.0
45°	1681.2	1695.1	1829.8	2048.7	2291.5	2636.2	2881.9	2935.4	2924.5	2931.4	2934.4
47.5°	1833.8	1855.6	2009.1	2270.6	2526.2	2894.8	3195.0	3243.5	3239.5	3242.5	3229.6
50°	1996.2	2019.0	2190.4	2490.6	2760.0	3102.8	3446.6	3518.9	3512.0	3516.9	3523.9
52.5°	2139.9	2153.7	2319.2	2656.0	2937.4	3297.0	3639.8	3729.9	3745.8	3747.8	3752.7
55°	2225.1	2241.9	2393.5	2738.3	3066.2	3487.2	3860.7	3997.4	4028.1	4036.0	4057.8
57.5°	2254.8	2272.6	2410.3	2750.1	3136.5	3665.5	4168.8	4409.5	4435.3	4477.9	4547.2
60°	2253.8	2272.6	2392.5	2723.4	3207.8	3886.5	4648.3	5051.5	5182.3	5225.9	5324.9
62.5°	2161.7	2183.5	2305.3	2642.2	3299.0	4168.8	5361.6	5981.7	6150.2	6229.4	6336.4
65°	1959.6	1975.4	2089.4	2436.1	3273.2	4447.2	5958.0	6731.7	6885.3	7001.2	7192.4
67°	1780.3	1790.2	1879.3	2192.4	3021.6	4457.1	6146.2	6917.9	7051.7	7174.5	7371.7
67.5°	1734.7	1755.5	1824.8	2118.1	2927.5	4400.6	6133.3	6889.2	7025.9	7153.7	7361.8
70°	1411.7	1441.4	1476.1	1673.3	2301.4	3702.2	5678.6	6391.9	6511.8	6630.6	6920.9
72.5°	870.8	924.3	931.2	1056.1	1497.9	2558.9	4594.8	5390.3	5480.5	5565.7	5862.9
75°	513.2	521.1	545.9	646.9	878.7	1529.6	3083.0	4004.3	4087.6	4129.2	4362.0
77.5°	286.3	294.2	315.0	402.2	675.6	1030.3	1795.1	2352.9	2403.4	2455.9	2418.3
80°	118.9	129.8	139.7	162.5	316.0	813.4	1234.4	1495.9	1528.6	1559.3	1598.0
82.5°	57.5	61.4	75.3	86.2	114.9	333.9	967.9	1296.8	1335.4	1380.0	1470.2
85°	26.7	29.7	41.6	49.5	55.5	84.2	324.0	631.1	684.6	694.5	712.3
87.5°	2.0	2.0	5.0	6.9	9.9	10.9	33.7	47.6	53.5	48.5	61.4
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: P180753

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

**CANDELA DISTRIBUTION (continued):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7
2.5°	1006.5	1005.5	1003.6	1003.6	1002.6	1002.6	1002.6	1000.6	1000.6	1000.6	999.6
5°	1033.3	1032.3	1029.3	1029.3	1027.3	1027.3	1024.4	1023.4	1021.4	1021.4	1020.4
7.5°	1068.0	1067.0	1063.0	1063.0	1060.0	1059.0	1057.1	1054.1	1054.1	1052.1	1050.1
10°	1115.5	1112.5	1111.5	1106.6	1107.6	1105.6	1103.6	1100.6	1098.7	1096.7	1094.7
12.5°	1169.0	1169.0	1164.1	1161.1	1163.1	1161.1	1157.1	1156.1	1153.2	1153.2	1150.2
15°	1219.5	1219.5	1217.6	1213.6	1214.6	1211.6	1210.6	1208.6	1204.7	1205.7	1204.7
17.5°	1263.1	1263.1	1260.1	1258.2	1258.2	1255.2	1256.2	1254.2	1252.2	1251.2	1248.3
20°	1297.8	1297.8	1295.8	1293.8	1294.8	1294.8	1291.9	1291.9	1291.9	1289.9	1289.9
22.5°	1331.5	1332.5	1332.5	1332.5	1333.5	1334.5	1333.5	1335.4	1334.5	1336.4	1336.4
25°	1376.1	1379.0	1381.0	1381.0	1386.0	1387.0	1387.9	1390.9	1390.9	1393.9	1394.9
27.5°	1442.4	1444.4	1452.3	1454.3	1455.3	1463.2	1464.2	1468.2	1472.2	1473.1	1474.1
30°	1533.6	1538.5	1544.5	1548.4	1548.4	1558.3	1562.3	1560.3	1571.2	1574.2	1578.2
32.5°	1655.4	1659.4	1665.3	1669.3	1673.3	1678.2	1679.2	1684.2	1693.1	1701.0	1696.1
35°	1809.0	1818.9	1809.0	1819.9	1822.9	1829.8	1827.8	1833.8	1837.7	1840.7	1839.7
37.5°	2031.9	2026.9	2025.0	2021.0	2014.1	2037.8	2025.9	2025.0	2019.0	2035.9	2025.0
40°	2325.1	2328.1	2331.1	2315.2	2306.3	2306.3	2303.3	2292.4	2287.5	2302.3	2300.4
42.5°	2631.3	2634.2	2620.4	2610.5	2587.7	2584.7	2570.8	2567.9	2562.9	2570.8	2562.9
45°	2909.6	2911.6	2880.9	2885.9	2868.0	2871.0	2849.2	2858.1	2846.2	2854.2	2869.0
47.5°	3220.7	3224.7	3197.9	3208.8	3191.0	3180.1	3179.1	3185.0	3172.2	3180.1	3184.1
50°	3503.1	3498.1	3484.2	3487.2	3479.3	3481.3	3469.4	3480.3	3465.4	3481.3	3479.3
52.5°	3753.7	3747.8	3744.8	3754.7	3747.8	3747.8	3740.8	3745.8	3747.8	3771.5	3776.5
55°	4057.8	4062.8	4067.7	4085.6	4093.5	4080.6	4093.5	4118.3	4119.3	4175.7	4206.4
57.5°	4546.2	4580.9	4598.8	4609.7	4656.2	4651.3	4681.0	4740.4	4746.4	4877.1	4953.4
60°	5398.2	5459.7	5518.1	5486.4	5580.5	5609.3	5627.1	5738.0	5772.7	5896.5	5962.9
62.5°	6474.1	6481.1	6572.2	6543.5	6597.0	6584.1	6605.9	6656.4	6702.0	6804.0	6866.4
65°	7225.1	7257.7	7293.4	7256.8	7255.8	7212.2	7184.4	7183.4	7211.2	7233.0	7302.3
67°	7429.1	7461.8	7470.7	7444.0	7405.4	7349.9	7298.4	7271.6	7253.8	7263.7	7307.3
67.5°	7427.2	7457.9	7468.8	7443.0	7389.5	7342.9	7288.5	7257.7	7234.0	7238.9	7275.6
70°	7005.1	7071.5	7107.2	7115.1	7108.2	7026.9	6980.4	6952.6	6932.8	6884.3	6881.3
72.5°	5935.2	6015.4	6043.2	6087.8	6107.6	5987.7	5937.2	5967.9	5898.5	5745.0	5751.9
75°	4358.0	4364.0	4270.8	4253.0	4186.6	3915.2	3833.9	3759.6	3640.8	3455.5	3281.1
77.5°	2271.6	2270.6	2163.7	2109.2	2029.9	1866.4	1858.5	1725.8	1632.6	1463.2	1401.8
80°	1613.8	1639.6	1675.2	1693.1	1665.3	1601.9	1514.8	1420.6	1312.7	1206.7	1079.8
82.5°	1500.9	1516.7	1535.6	1466.2	1427.6	1338.4	1272.0	1135.3	1059.0	938.2	810.4
85°	730.1	778.7	741.0	697.4	682.6	534.0	516.1	430.9	391.3	322.0	300.2
87.5°	46.6	57.5	51.5	46.6	40.6	22.8	30.7	21.8	22.8	16.8	14.9
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: P180753

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

**CANDELA DISTRIBUTION (continued):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7
2.5°	999.6	998.6	997.6	996.6	995.6	995.6	994.6	993.7	992.7	990.7	990.7
5°	1018.4	1018.4	1017.4	1015.5	1015.5	1013.5	1010.5	1009.5	1009.5	1007.5	1005.5
7.5°	1049.1	1048.1	1046.2	1045.2	1043.2	1041.2	1039.2	1037.2	1036.3	1033.3	1032.3
10°	1095.7	1093.7	1088.8	1086.8	1085.8	1083.8	1081.8	1079.8	1076.9	1074.9	1073.9
12.5°	1148.2	1147.2	1143.2	1145.2	1140.3	1138.3	1136.3	1131.4	1133.3	1129.4	1127.4
15°	1200.7	1201.7	1199.7	1199.7	1195.8	1192.8	1190.8	1186.8	1185.8	1183.9	1181.9
17.5°	1247.3	1249.3	1246.3	1244.3	1242.3	1240.3	1236.4	1232.4	1232.4	1228.4	1226.5
20°	1289.9	1291.9	1290.9	1288.9	1285.9	1284.9	1282.9	1280.0	1280.0	1278.0	1275.0
22.5°	1338.4	1339.4	1339.4	1338.4	1335.4	1336.4	1334.5	1331.5	1332.5	1328.5	1328.5
25°	1396.9	1398.8	1400.8	1401.8	1399.8	1400.8	1398.8	1396.9	1395.9	1396.9	1395.9
27.5°	1477.1	1479.1	1485.0	1480.1	1485.0	1486.0	1483.1	1479.1	1482.1	1487.0	1484.0
30°	1583.1	1581.1	1589.1	1590.0	1589.1	1590.0	1588.1	1585.1	1587.1	1596.0	1591.0
32.5°	1702.0	1706.0	1707.9	1709.9	1712.9	1716.9	1713.9	1710.9	1715.9	1712.9	1719.8
35°	1845.6	1854.6	1857.5	1854.6	1856.5	1863.5	1862.5	1863.5	1873.4	1863.5	1876.4
37.5°	2026.9	2035.9	2042.8	2038.8	2043.8	2043.8	2051.7	2073.5	2059.6	2077.5	2091.3
40°	2290.5	2304.3	2305.3	2304.3	2309.3	2315.2	2323.2	2346.9	2331.1	2349.9	2362.8
42.5°	2561.9	2578.7	2584.7	2574.8	2585.7	2598.6	2599.6	2620.4	2621.3	2624.3	2631.3
45°	2868.0	2882.9	2894.8	2889.8	2890.8	2907.7	2903.7	2923.5	2908.6	2908.6	2912.6
47.5°	3194.0	3207.8	3215.8	3223.7	3213.8	3228.6	3235.6	3231.6	3213.8	3209.8	3186.0
50°	3491.2	3503.1	3514.9	3536.7	3535.8	3542.7	3547.6	3529.8	3525.8	3504.0	3477.3
52.5°	3806.2	3836.9	3863.7	3909.2	3916.2	3939.9	3931.0	3901.3	3896.4	3860.7	3825.0
55°	4245.1	4333.3	4371.9	4442.2	4489.8	4488.8	4469.0	4464.0	4426.4	4355.0	4312.4
57.5°	5008.9	5146.6	5213.0	5304.1	5319.0	5310.1	5284.3	5238.7	5173.4	5053.5	4976.2
60°	6111.5	6196.7	6274.0	6295.8	6306.7	6289.9	6199.7	6098.6	5970.9	5805.4	5667.7
62.5°	6944.7	7031.9	7089.3	7080.4	7012.1	6925.9	6794.1	6624.7	6445.4	6260.1	6054.1
65°	7368.7	7405.4	7396.4	7327.1	7210.2	7059.6	6867.4	6658.4	6447.4	6228.4	6014.4
67°	7345.9	7346.9	7286.5	7151.7	7002.2	6812.9	6578.1	6350.3	6102.6	5872.8	5618.2
67.5°	7305.3	7301.3	7217.1	7069.5	6908.0	6712.9	6469.2	6233.4	5976.8	5745.0	5481.5
70°	6845.6	6790.1	6599.9	6364.2	6139.3	5875.7	5620.1	5349.7	5060.4	4861.3	4558.1
72.5°	5625.1	5437.9	5109.9	4863.3	4622.5	4277.8	4118.3	3782.4	3579.3	3452.5	3223.7
75°	3257.4	3100.8	2847.2	2616.4	2499.5	2295.4	2198.3	1951.6	1900.1	1898.2	1818.9
77.5°	1243.3	1084.8	921.3	742.0	631.1	501.3	441.8	395.3	359.6	384.4	348.7
80°	932.2	766.8	599.4	435.9	311.1	229.8	197.1	182.3	173.4	166.4	161.5
82.5°	694.5	547.8	425.0	277.4	194.2	146.6	126.8	118.9	114.9	108.0	102.0
85°	234.8	188.2	148.6	103.0	81.2	66.4	61.4	59.4	56.5	51.5	48.5
87.5°	12.9	11.9	12.9	9.9	11.9	9.9	10.9	10.9	10.9	9.9	9.9
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: P180753

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

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7
2.5°	989.7	989.7	989.7	987.7	984.7	978.8	972.9	967.9	962.9	960.0	958.0
5°	1004.6	1002.6	1001.6	1000.6	993.7	981.8	970.9	961.0	951.1	943.1	940.2
7.5°	1031.3	1027.3	1026.3	1023.4	1014.5	996.6	980.8	964.9	951.1	940.2	935.2
10°	1071.9	1071.9	1066.0	1062.0	1052.1	1028.3	1005.5	984.7	965.9	954.0	951.1
12.5°	1123.4	1123.4	1118.5	1115.5	1103.6	1072.9	1045.2	1020.4	1002.6	990.7	989.7
15°	1176.9	1175.9	1172.0	1168.0	1155.1	1122.4	1094.7	1072.9	1058.1	1044.2	1040.2
17.5°	1224.5	1224.5	1219.5	1215.6	1202.7	1175.0	1150.2	1134.3	1117.5	1088.8	1067.0
20°	1272.0	1273.0	1269.1	1265.1	1254.2	1230.4	1219.5	1203.7	1166.0	1103.6	1052.1
22.5°	1324.5	1328.5	1323.6	1319.6	1310.7	1300.8	1296.8	1259.2	1179.9	1079.8	1004.6
25°	1391.9	1398.8	1392.9	1390.9	1386.0	1388.9	1377.1	1289.9	1160.1	1028.3	934.2
27.5°	1484.0	1484.0	1485.0	1485.0	1483.1	1494.0	1450.4	1290.9	1116.5	962.0	850.0
30°	1592.0	1598.0	1596.0	1596.0	1603.9	1610.9	1491.0	1269.1	1061.0	879.7	747.0
32.5°	1721.8	1726.8	1728.7	1719.8	1751.5	1715.9	1505.8	1229.4	992.7	777.7	624.1
35°	1878.3	1885.3	1890.2	1891.2	1912.0	1807.0	1497.9	1171.0	894.6	649.9	489.4
37.5°	2082.4	2096.3	2107.2	2112.1	2113.1	1884.3	1476.1	1093.7	766.8	507.2	364.6
40°	2353.9	2368.7	2365.8	2375.7	2319.2	1929.9	1426.6	981.8	608.3	372.5	281.4
42.5°	2615.4	2617.4	2621.3	2612.4	2497.5	1953.6	1357.2	845.1	455.7	278.4	240.7
45°	2907.7	2890.8	2872.0	2858.1	2662.0	1962.5	1262.1	678.6	322.0	233.8	222.9
47.5°	3182.1	3159.3	3120.7	3081.0	2808.6	1948.7	1140.3	508.2	244.7	214.0	211.0
50°	3451.5	3408.9	3354.5	3308.9	2949.3	1927.9	1005.5	366.6	214.0	204.1	201.1
52.5°	3785.4	3714.1	3642.7	3583.3	3132.5	1895.2	863.9	278.4	201.1	196.2	192.2
55°	4243.1	4144.0	4029.1	3945.9	3381.2	1845.6	715.3	235.8	195.2	191.2	185.3
57.5°	4877.1	4728.5	4598.8	4463.0	3721.0	1795.1	587.5	218.9	194.2	188.2	180.3
60°	5525.0	5346.7	5181.3	4987.1	4067.7	1744.6	498.3	217.0	197.1	188.2	176.3
62.5°	5861.9	5677.6	5478.5	5281.3	4217.3	1625.7	436.9	219.9	204.1	191.2	176.3
65°	5784.6	5559.7	5357.6	5156.5	4044.0	1400.8	369.5	223.9	218.0	203.1	179.3
67°	5396.3	5161.5	4967.3	4775.1	3657.6	1173.0	317.0	227.9	232.8	217.0	185.3
67.5°	5259.5	5024.7	4833.5	4646.3	3543.7	1125.4	304.1	229.8	235.8	220.9	187.2
70°	4361.0	4188.6	3985.5	3840.9	2869.0	833.2	249.7	233.8	253.6	243.7	196.2
72.5°	3138.5	2974.0	2821.5	2741.2	2113.1	582.5	210.0	229.8	264.5	256.6	200.1
75°	1668.3	1658.4	1602.9	1642.6	1307.7	380.4	185.3	215.0	252.6	234.8	186.2
77.5°	336.8	346.7	407.2	401.2	422.0	212.0	158.5	184.3	195.2	172.4	151.6
80°	156.5	153.6	150.6	152.6	149.6	135.7	128.8	144.6	135.7	111.0	101.0
82.5°	97.1	95.1	92.1	91.1	101.0	108.0	112.9	113.9	90.2	77.3	74.3
85°	46.6	46.6	45.6	47.6	59.4	88.2	95.1	84.2	60.4	55.5	52.5
87.5°	8.9	8.9	9.9	8.9	11.9	20.8	23.8	27.7	22.8	23.8	26.7
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: P180753

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

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	985.7	985.7	985.7
2.5°	956.0	954.0	954.0
5°	936.2	935.2	935.2
7.5°	931.2	932.2	931.2
10°	950.1	949.1	953.0
12.5°	991.7	994.6	993.7
15°	1035.3	1037.2	1037.2
17.5°	1048.1	1041.2	1040.2
20°	1014.5	1001.6	998.6
22.5°	951.1	927.3	928.3
25°	870.8	842.1	844.1
27.5°	777.7	747.0	746.0
30°	665.7	632.1	615.2
32.5°	531.0	490.4	490.4
35°	399.2	366.6	354.7
37.5°	303.1	284.3	278.4
40°	252.6	243.7	241.7
42.5°	229.8	226.9	225.9
45°	218.0	216.0	215.0
47.5°	207.1	206.1	205.1
50°	199.1	198.1	197.1
52.5°	192.2	190.2	189.2
55°	182.3	182.3	182.3
57.5°	176.3	176.3	175.4
60°	170.4	169.4	169.4
62.5°	165.4	163.5	164.5
65°	162.5	159.5	159.5
67°	160.5	154.5	154.5
67.5°	160.5	152.6	152.6
70°	157.5	144.6	142.7
72.5°	154.5	135.7	132.8
75°	146.6	128.8	125.8
77.5°	125.8	114.9	112.9
80°	97.1	84.2	86.2
82.5°	70.3	60.4	59.4
85°	50.5	43.6	43.6
87.5°	26.7	22.8	23.8
90°	0.0	0.0	0.0

(END OF REPORT)