

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: P180751

Luminaire Tested: **ICS-F04-LED-E1-SL3-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180751
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-SL3-8030
Description: ICON SITE SMALL LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (28) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7615.9 lumens
Efficiency: N/A
Efficacy: 74.5 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: B1 - 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

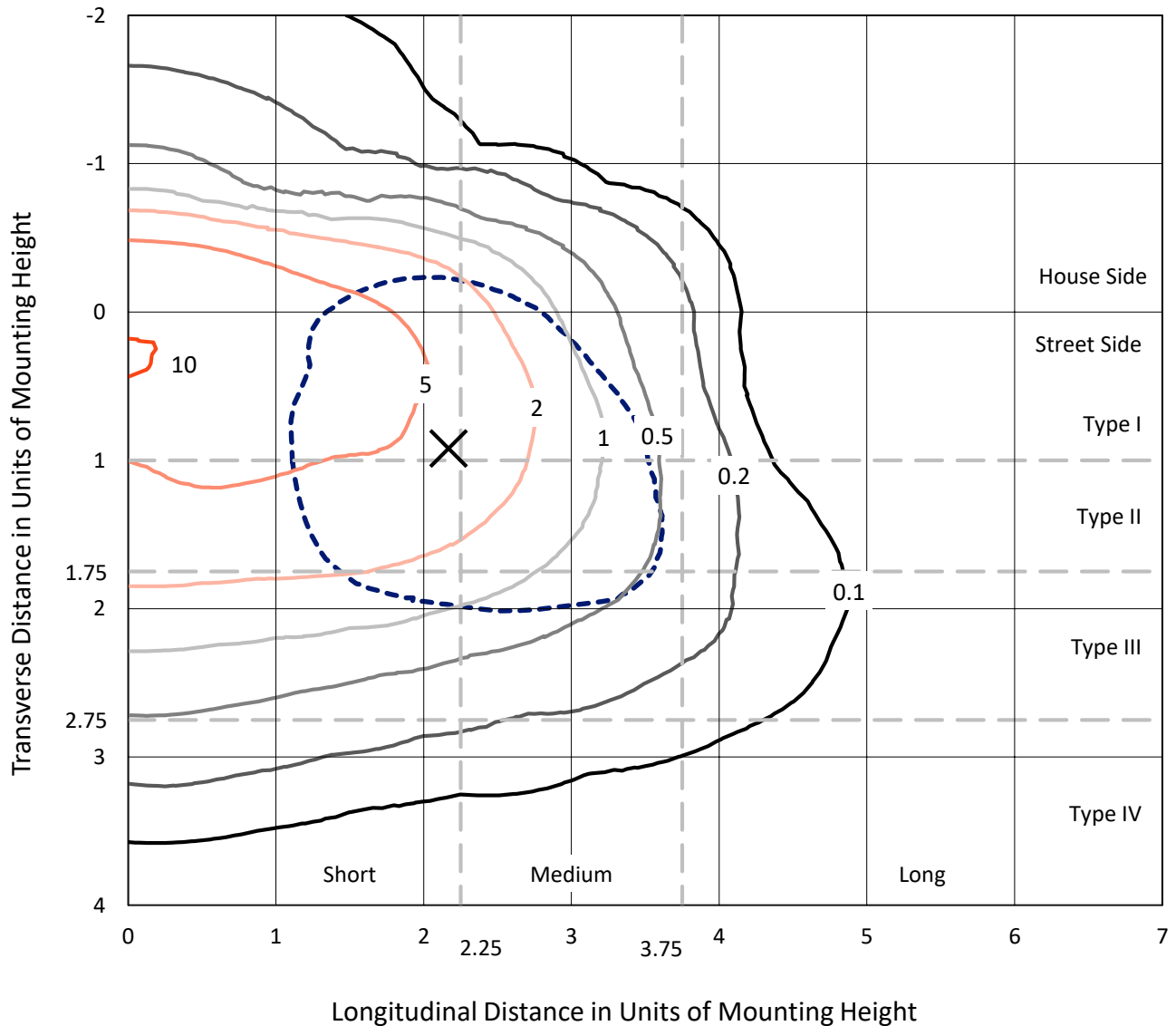


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

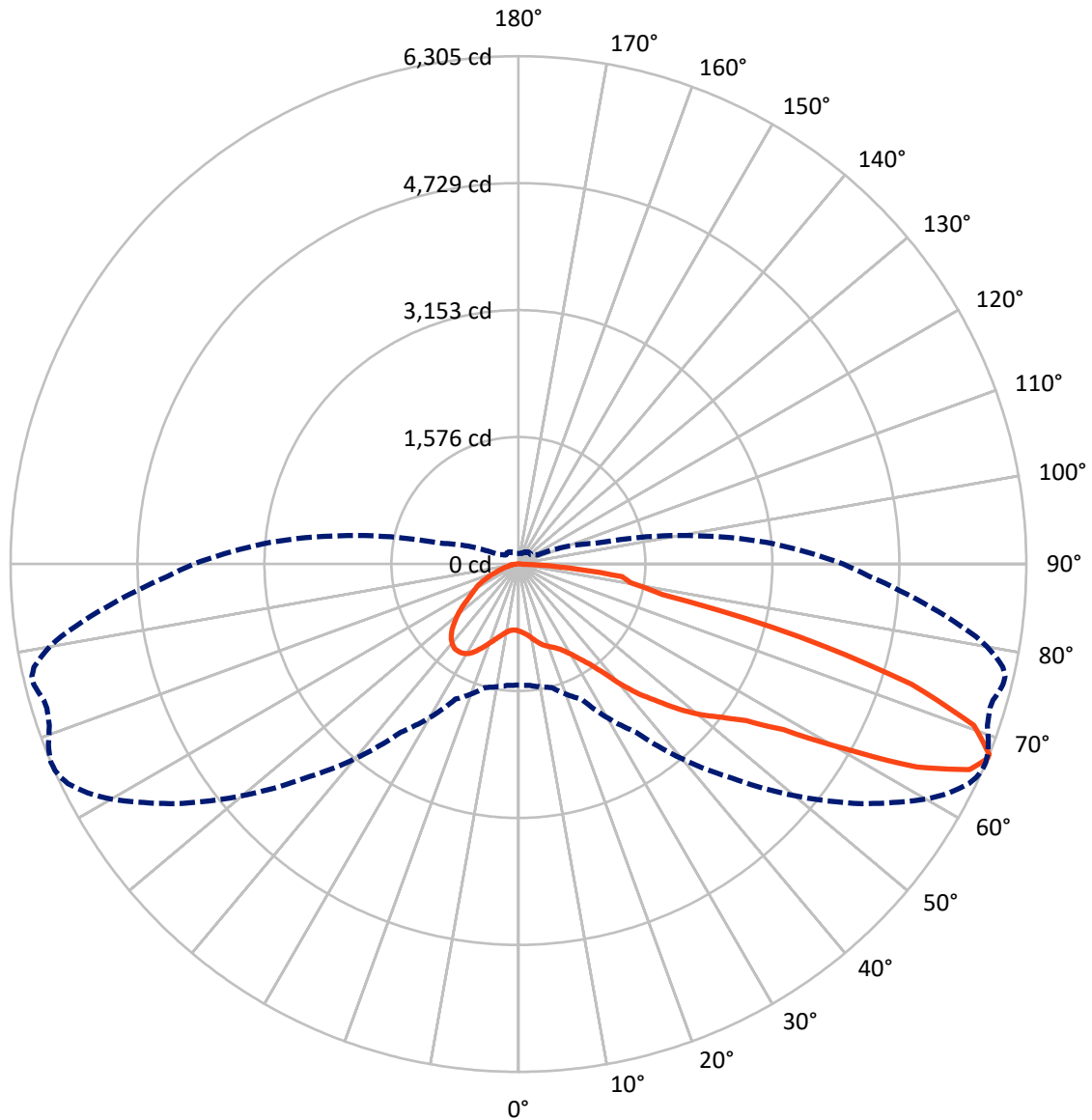


Based on 10 foot mounting height. Maximum calculated value = 10.7 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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

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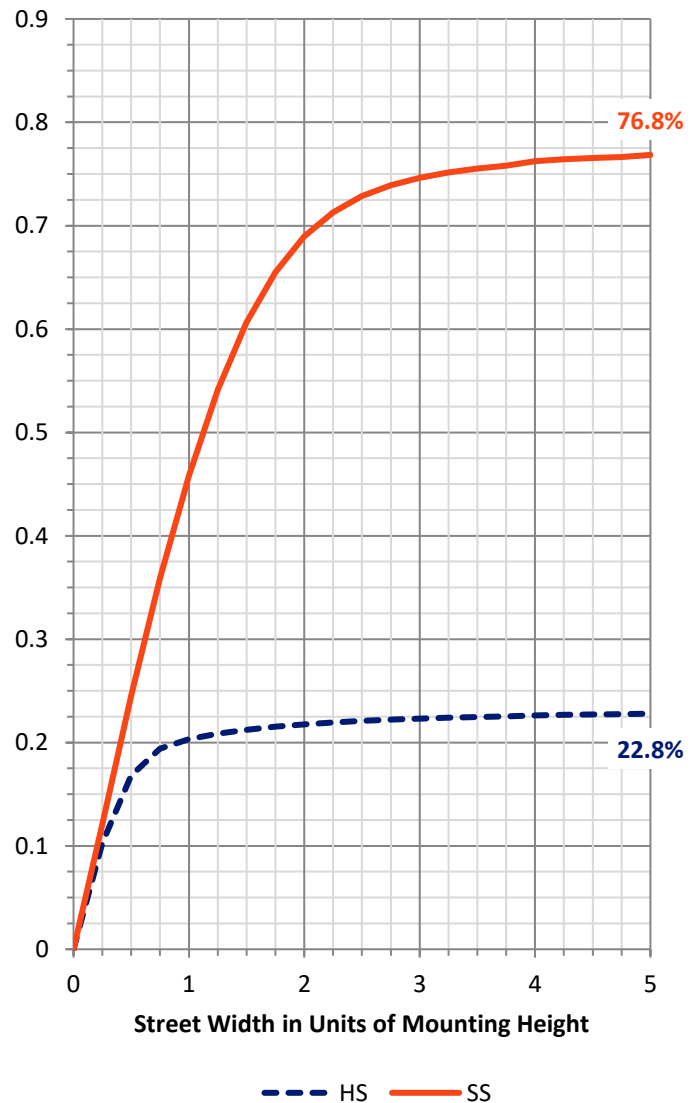
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1757.5	0.0	1757.5
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	5858.4	0.0	5858.4
	% Fixture	76.9	0.0	76.9
Total	Lumens	7615.9	0.0	7615.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.8	1.1
10°-20°	284.0	3.7
20°-30°	501.5	6.6
30°-40°	719.8	9.5
40°-50°	1093.3	14.4
50°-60°	1609.7	21.1
60°-70°	2139.2	28.1
70°-80°	1046.5	13.7
80°-90°	139.0	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°	7615.9	100.0
0°-180°	7615.9	100.0



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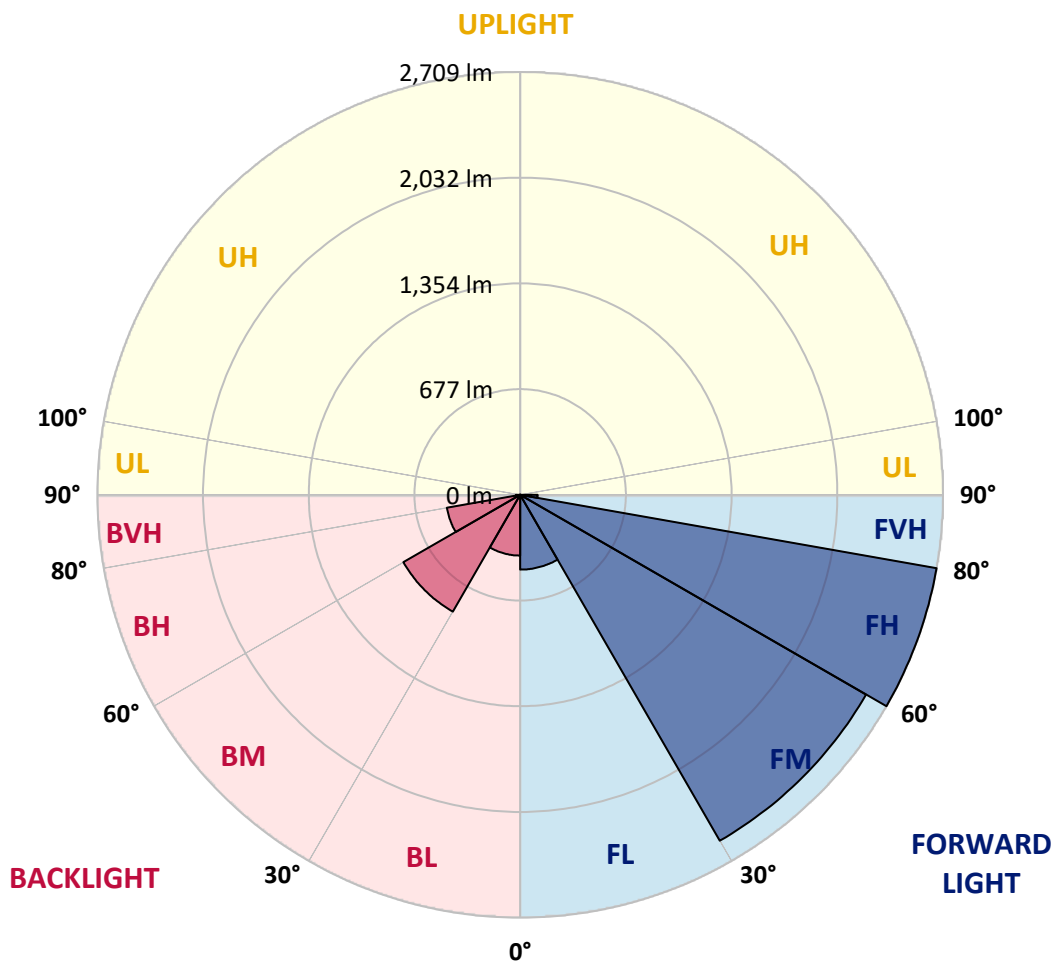
CATALOG NUMBER: ICS-F04-LED-E1-SL3-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	479.1	6.3			
FM	(30°-60°)	2558.8	33.6			
FH	(60°-80°)	2708.9	35.6			G2/5000
FVH	(80°-90°)	111.6	1.5			G2/225
BL	(0°-30°)	389.2	5.1	B1/500		
BM	(30°-60°)	864.0	11.3	B1/1000		
BH	(60°-80°)	476.8	6.3	B1/500		G1/500
BVH	(80°-90°)	27.3	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 III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9
2.5°	871.2	872.1	870.4	869.6	864.6	859.5	856.2	852.0	852.0	852.0	850.3
5°	920.6	917.2	919.7	913.9	903.9	894.7	885.5	877.9	876.3	876.3	872.9
7.5°	979.9	975.8	974.1	965.7	950.7	937.3	918.9	911.4	907.2	905.5	903.9
10°	1051.8	1051.8	1041.0	1026.8	1006.7	983.3	963.2	949.8	949.0	949.0	941.5
12.5°	1125.4	1127.1	1112.9	1098.7	1066.1	1035.1	1011.7	996.7	995.8	992.5	988.3
15°	1193.2	1189.0	1179.8	1158.9	1122.9	1086.1	1056.9	1041.8	1038.5	1035.1	1032.6
17.5°	1249.2	1245.0	1233.3	1206.5	1168.9	1125.4	1089.5	1073.6	1071.9	1070.2	1066.9
20°	1284.3	1280.9	1264.2	1233.3	1194.0	1149.7	1111.2	1100.3	1097.0	1097.0	1095.3
22.5°	1304.4	1299.3	1275.1	1234.1	1195.7	1163.1	1131.3	1124.6	1122.1	1122.9	1122.9
25°	1314.4	1310.2	1275.9	1217.4	1180.6	1171.4	1158.0	1153.9	1154.7	1155.5	1157.2
27.5°	1316.1	1310.2	1270.1	1195.7	1161.4	1187.3	1196.5	1203.2	1203.2	1206.5	1212.4
30°	1303.5	1296.8	1258.4	1178.9	1153.0	1219.1	1255.9	1273.4	1280.1	1278.4	1291.8
32.5°	1281.8	1277.6	1246.7	1178.9	1176.4	1281.8	1347.0	1372.1	1375.4	1377.1	1392.2
35°	1274.3	1273.4	1260.0	1219.1	1249.2	1392.2	1491.7	1510.9	1515.1	1515.1	1525.9
37.5°	1272.6	1276.8	1291.8	1294.3	1377.1	1556.0	1686.5	1715.7	1715.7	1724.1	1724.1
40°	1272.6	1281.8	1338.6	1406.4	1533.5	1769.2	1949.9	1983.3	1983.3	1992.5	1987.5
42.5°	1321.9	1335.3	1428.9	1557.7	1730.8	1989.1	2196.5	2234.1	2236.6	2234.1	2241.7
45°	1418.9	1430.6	1544.3	1729.1	1934.0	2224.9	2432.3	2477.4	2468.3	2474.1	2476.6
47.5°	1547.7	1566.1	1695.7	1916.4	2132.1	2443.2	2696.5	2737.5	2734.1	2736.6	2725.8
50°	1684.8	1704.0	1848.7	2102.0	2329.5	2618.8	2908.9	2969.9	2964.1	2968.3	2974.1
52.5°	1806.0	1817.7	1957.4	2241.7	2479.1	2782.6	3071.9	3148.0	3161.4	3163.1	3167.3
55°	1877.9	1892.2	2020.1	2311.1	2587.8	2943.2	3258.4	3373.8	3399.7	3406.4	3424.8
57.5°	1903.0	1918.1	2034.3	2321.1	2647.2	3093.7	3518.4	3721.6	3743.3	3779.3	3837.8
60°	1902.2	1918.1	2019.2	2298.5	2707.4	3280.1	3923.1	4263.4	4373.8	4410.6	4494.2
62.5°	1824.4	1842.8	1945.7	2230.0	2784.3	3518.4	4525.1	5048.5	5190.7	5257.6	5347.9
65°	1653.9	1667.2	1763.4	2056.0	2762.6	3753.4	5028.5	5681.5	5811.1	5908.9	6070.3
67°	1502.5	1510.9	1586.1	1850.4	2550.2	3761.7	5187.3	5838.7	5951.6	6055.2	6221.6
67.5°	1464.1	1481.6	1540.1	1787.6	2470.8	3714.1	5176.5	5814.4	5929.8	6037.7	6213.3
70°	1191.5	1216.6	1245.8	1412.2	1942.3	3124.6	4792.7	5394.7	5495.9	5596.2	5841.2
72.5°	735.0	780.1	786.0	891.3	1264.2	2159.7	3878.0	4549.4	4625.5	4697.4	4948.2
75°	433.1	439.8	460.7	546.0	741.6	1291.0	2602.0	3379.6	3449.9	3485.0	3681.5
77.5°	241.6	248.3	265.9	339.5	570.2	869.6	1515.1	1985.8	2028.4	2072.8	2041.0
80°	100.3	109.5	117.9	137.1	266.7	686.5	1041.8	1262.6	1290.1	1316.1	1348.7
82.5°	48.5	51.8	63.5	72.7	97.0	281.8	816.9	1094.5	1127.1	1164.7	1240.8
85°	22.6	25.1	35.1	41.8	46.8	71.1	273.4	532.6	577.8	586.1	601.2
87.5°	1.7	1.7	4.2	5.9	8.4	9.2	28.4	40.1	45.2	41.0	51.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9
2.5°	849.5	848.7	847.0	847.0	846.2	846.2	846.2	844.5	844.5	844.5	843.7
5°	872.1	871.2	868.7	868.7	867.1	867.1	864.6	863.7	862.0	862.0	861.2
7.5°	901.3	900.5	897.2	897.2	894.7	893.8	892.1	889.6	889.6	888.0	886.3
10°	941.5	939.0	938.1	934.0	934.8	933.1	931.4	928.9	927.3	925.6	923.9
12.5°	986.6	986.6	982.5	979.9	981.6	979.9	976.6	975.8	973.3	973.3	970.7
15°	1029.3	1029.3	1027.6	1024.3	1025.1	1022.6	1021.7	1020.1	1016.7	1017.6	1016.7
17.5°	1066.1	1066.1	1063.6	1061.9	1061.9	1059.4	1060.2	1058.5	1056.9	1056.0	1053.5
20°	1095.3	1095.3	1093.7	1092.0	1092.8	1092.8	1090.3	1090.3	1090.3	1088.6	1088.6
22.5°	1123.8	1124.6	1124.6	1124.6	1125.4	1126.3	1125.4	1127.1	1126.3	1127.9	1127.9
25°	1161.4	1163.9	1165.6	1165.6	1169.7	1170.6	1171.4	1173.9	1173.9	1176.4	1177.3
27.5°	1217.4	1219.1	1225.8	1227.4	1228.3	1235.0	1235.8	1239.1	1242.5	1243.3	1244.2
30°	1294.3	1298.5	1303.5	1306.9	1306.9	1315.2	1318.6	1316.9	1326.1	1328.6	1332.0
32.5°	1397.2	1400.5	1405.5	1408.9	1412.2	1416.4	1417.2	1421.4	1428.9	1435.6	1431.5
35°	1526.8	1535.1	1526.8	1536.0	1538.5	1544.3	1542.7	1547.7	1551.0	1553.5	1552.7
37.5°	1714.9	1710.7	1709.0	1705.7	1699.8	1719.9	1709.9	1709.0	1704.0	1718.2	1709.0
40°	1962.4	1964.9	1967.4	1954.0	1946.5	1946.5	1944.0	1934.8	1930.6	1943.2	1941.5
42.5°	2220.8	2223.3	2211.6	2203.2	2184.0	2181.5	2169.8	2167.2	2163.1	2169.8	2163.1
45°	2455.7	2457.4	2431.5	2435.6	2420.6	2423.1	2404.7	2412.2	2402.2	2408.9	2421.4
47.5°	2718.3	2721.6	2699.0	2708.2	2693.2	2684.0	2683.1	2688.2	2677.3	2684.0	2687.3
50°	2956.5	2952.4	2940.7	2943.2	2936.5	2938.2	2928.1	2937.3	2924.8	2938.2	2936.5
52.5°	3168.1	3163.1	3160.6	3168.9	3163.1	3163.1	3157.2	3161.4	3163.1	3183.1	3187.3
55°	3424.8	3429.0	3433.1	3448.2	3454.9	3444.0	3454.9	3475.8	3476.6	3524.3	3550.2
57.5°	3837.0	3866.3	3881.3	3890.5	3929.8	3925.6	3950.7	4000.9	4005.9	4116.3	4180.6
60°	4556.1	4607.9	4657.2	4630.5	4709.9	4734.2	4749.2	4842.9	4872.1	4976.6	5032.7
62.5°	5464.1	5470.0	5546.9	5522.6	5567.8	5556.9	5575.3	5617.9	5656.4	5742.5	5795.2
65°	6097.9	6125.5	6155.6	6124.6	6123.8	6087.0	6063.6	6062.8	6086.2	6104.6	6163.1
67°	6270.1	6297.7	6305.2	6282.7	6250.1	6203.2	6159.8	6137.2	6122.1	6130.5	6167.3
67.5°	6268.5	6294.4	6303.6	6281.8	6236.7	6197.4	6151.4	6125.5	6105.4	6109.6	6140.5
70°	5912.3	5968.3	5998.4	6005.1	5999.2	5930.7	5891.4	5867.9	5851.2	5810.3	5807.7
72.5°	5009.2	5077.0	5100.4	5138.0	5154.7	5053.6	5010.9	5036.8	4978.3	4848.7	4854.6
75°	3678.1	3683.1	3604.5	3589.5	3533.5	3304.4	3235.8	3173.1	3072.8	2916.4	2769.3
77.5°	1917.2	1916.4	1826.1	1780.1	1713.2	1575.3	1568.6	1456.5	1377.9	1235.0	1183.1
80°	1362.1	1383.8	1413.9	1428.9	1405.5	1352.0	1278.4	1199.0	1107.9	1018.4	911.4
82.5°	1266.7	1280.1	1296.0	1237.5	1204.9	1129.6	1073.6	958.2	893.8	791.8	684.0
85°	616.2	657.2	625.4	588.6	576.1	450.7	435.6	363.7	330.3	271.7	253.3
87.5°	39.3	48.5	43.5	39.3	34.3	19.2	25.9	18.4	19.2	14.2	12.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9
2.5°	843.7	842.8	842.0	841.1	840.3	840.3	839.5	838.6	837.8	836.1	836.1
5°	859.5	859.5	858.7	857.0	857.0	855.4	852.9	852.0	852.0	850.3	848.7
7.5°	885.5	884.6	883.0	882.1	880.4	878.8	877.1	875.4	874.6	872.1	871.2
10°	924.8	923.1	918.9	917.2	916.4	914.7	913.1	911.4	908.9	907.2	906.4
12.5°	969.1	968.2	964.9	966.6	962.4	960.7	959.0	954.9	956.5	953.2	951.5
15°	1013.4	1014.2	1012.6	1012.6	1009.2	1006.7	1005.0	1001.7	1000.8	999.2	997.5
17.5°	1052.7	1054.4	1051.8	1050.2	1048.5	1046.8	1043.5	1040.1	1040.1	1036.8	1035.1
20°	1088.6	1090.3	1089.5	1087.8	1085.3	1084.5	1082.8	1080.3	1080.3	1078.6	1076.1
22.5°	1129.6	1130.4	1130.4	1129.6	1127.1	1127.9	1126.3	1123.8	1124.6	1121.2	1121.2
25°	1178.9	1180.6	1182.3	1183.1	1181.4	1182.3	1180.6	1178.9	1178.1	1178.9	1178.1
27.5°	1246.7	1248.3	1253.4	1249.2	1253.4	1254.2	1251.7	1248.3	1250.8	1255.0	1252.5
30°	1336.1	1334.5	1341.1	1342.0	1341.1	1342.0	1340.3	1337.8	1339.5	1347.0	1342.8
32.5°	1436.5	1439.8	1441.5	1443.2	1445.7	1449.0	1446.5	1444.0	1448.2	1445.7	1451.5
35°	1557.7	1565.2	1567.7	1565.2	1566.9	1572.8	1571.9	1572.8	1581.1	1572.8	1583.6
37.5°	1710.7	1718.2	1724.1	1720.8	1724.9	1724.9	1731.6	1750.0	1738.3	1753.4	1765.1
40°	1933.1	1944.8	1945.7	1944.8	1949.0	1954.0	1960.7	1980.8	1967.4	1983.3	1994.2
42.5°	2162.2	2176.4	2181.5	2173.1	2182.3	2193.2	2194.0	2211.6	2212.4	2214.9	2220.8
45°	2420.6	2433.1	2443.2	2439.0	2439.8	2454.0	2450.7	2467.4	2454.9	2454.9	2458.2
47.5°	2695.7	2707.4	2714.1	2720.8	2712.4	2724.9	2730.8	2727.4	2712.4	2709.1	2689.0
50°	2946.5	2956.5	2966.6	2985.0	2984.1	2990.0	2994.2	2979.1	2975.8	2957.4	2934.8
52.5°	3212.4	3238.3	3260.9	3299.4	3305.2	3325.3	3317.8	3292.7	3288.5	3258.4	3228.3
55°	3582.8	3657.2	3689.8	3749.2	3789.3	3788.5	3771.8	3767.6	3735.8	3675.6	3639.7
57.5°	4227.5	4343.7	4399.7	4476.6	4489.2	4481.6	4459.9	4421.4	4366.3	4265.1	4199.9
60°	5158.1	5230.0	5295.2	5313.6	5322.8	5308.6	5232.5	5147.2	5039.3	4899.7	4783.5
62.5°	5861.3	5934.8	5983.3	5975.8	5918.1	5845.4	5734.2	5591.2	5439.8	5283.5	5109.6
65°	6219.1	6250.1	6242.5	6184.0	6085.3	5958.2	5796.0	5619.6	5441.5	5256.7	5076.1
67°	6199.9	6200.7	6149.7	6036.0	5909.8	5750.1	5551.9	5359.6	5150.5	4956.6	4741.7
67.5°	6165.6	6162.3	6091.2	5966.6	5830.3	5665.6	5459.9	5260.9	5044.4	4848.7	4626.3
70°	5777.6	5730.8	5570.3	5371.3	5181.5	4959.1	4743.4	4515.1	4270.9	4102.9	3847.0
72.5°	4747.5	4589.5	4312.7	4104.6	3901.4	3610.4	3475.8	3192.3	3020.9	2913.9	2720.8
75°	2749.2	2617.1	2403.0	2208.2	2109.6	1937.3	1855.4	1647.2	1603.7	1602.0	1535.1
77.5°	1049.3	915.6	777.6	626.3	532.6	423.1	372.9	333.6	303.5	324.4	294.3
80°	786.8	647.2	505.9	367.9	262.5	194.0	166.4	153.8	146.3	140.5	136.3
82.5°	586.1	462.4	358.7	234.1	163.9	123.7	107.0	100.3	97.0	91.1	86.1
85°	198.2	158.9	125.4	87.0	68.6	56.0	51.8	50.2	47.7	43.5	41.0
87.5°	10.9	10.0	10.9	8.4	10.0	8.4	9.2	9.2	9.2	8.4	8.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9	831.9
2.5°	835.3	835.3	835.3	833.6	831.1	826.1	821.1	816.9	812.7	810.2	808.5
5°	847.8	846.2	845.3	844.5	838.6	828.6	819.4	811.0	802.7	796.0	793.5
7.5°	870.4	867.1	866.2	863.7	856.2	841.1	827.8	814.4	802.7	793.5	789.3
10°	904.7	904.7	899.7	896.3	888.0	867.9	848.7	831.1	815.2	805.2	802.7
12.5°	948.2	948.2	944.0	941.5	931.4	905.5	882.1	861.2	846.2	836.1	835.3
15°	993.3	992.5	989.1	985.8	974.9	947.3	923.9	905.5	893.0	881.3	877.9
17.5°	1033.5	1033.5	1029.3	1025.9	1015.1	991.6	970.7	957.4	943.2	918.9	900.5
20°	1073.6	1074.4	1071.1	1067.7	1058.5	1038.5	1029.3	1015.9	984.1	931.4	888.0
22.5°	1117.9	1121.2	1117.1	1113.7	1106.2	1097.8	1094.5	1062.7	995.8	911.4	847.8
25°	1174.8	1180.6	1175.6	1173.9	1169.7	1172.3	1162.2	1088.6	979.1	867.9	788.5
27.5°	1252.5	1252.5	1253.4	1253.4	1251.7	1260.9	1224.1	1089.5	942.3	811.9	717.4
30°	1343.7	1348.7	1347.0	1347.0	1353.7	1359.5	1258.4	1071.1	895.5	742.5	630.4
32.5°	1453.2	1457.4	1459.0	1451.5	1478.3	1448.2	1270.9	1037.6	837.8	656.4	526.8
35°	1585.3	1591.2	1595.3	1596.2	1613.7	1525.1	1264.2	988.3	755.0	548.5	413.0
37.5°	1757.5	1769.2	1778.4	1782.6	1783.5	1590.3	1245.8	923.1	647.2	428.1	307.7
40°	1986.6	1999.2	1996.7	2005.0	1957.4	1628.8	1204.0	828.6	513.4	314.4	237.5
42.5°	2207.4	2209.1	2212.4	2204.9	2107.9	1648.8	1145.5	713.2	384.6	235.0	203.2
45°	2454.0	2439.8	2423.9	2412.2	2246.7	1656.4	1065.2	572.7	271.7	197.3	188.1
47.5°	2685.6	2666.4	2633.8	2600.4	2370.4	1644.7	962.4	428.9	206.5	180.6	178.1
50°	2913.1	2877.1	2831.1	2792.7	2489.2	1627.1	848.7	309.4	180.6	172.2	169.7
52.5°	3194.8	3134.6	3074.4	3024.3	2643.8	1599.5	729.1	235.0	169.7	165.6	162.2
55°	3581.1	3497.5	3400.5	3330.3	2853.7	1557.7	603.7	199.0	164.7	161.4	156.4
57.5°	4116.3	3990.8	3881.3	3766.8	3140.5	1515.1	495.8	184.8	163.9	158.9	152.2
60°	4663.1	4512.6	4373.0	4209.1	3433.1	1472.4	420.6	183.1	166.4	158.9	148.8
62.5°	4947.4	4791.9	4623.8	4457.4	3559.4	1372.1	368.7	185.6	172.2	161.4	148.8
65°	4882.2	4692.4	4521.8	4352.0	3413.1	1182.3	311.9	189.0	183.9	171.4	151.3
67°	4554.4	4356.2	4192.3	4030.1	3087.0	990.0	267.6	192.3	196.5	183.1	156.4
67.5°	4439.0	4240.8	4079.5	3921.4	2990.8	949.8	256.7	194.0	199.0	186.5	158.0
70°	3680.6	3535.1	3363.7	3241.7	2421.4	703.2	210.7	197.3	214.0	205.7	165.6
72.5°	2648.9	2510.1	2381.3	2313.6	1783.5	491.6	177.3	194.0	223.2	216.6	168.9
75°	1408.0	1399.7	1352.9	1386.3	1103.7	321.1	156.4	181.4	213.2	198.2	157.2
77.5°	284.3	292.6	343.6	338.6	356.2	178.9	133.8	155.5	164.7	145.5	127.9
80°	132.1	129.6	127.1	128.8	126.3	114.5	108.7	122.1	114.5	93.6	85.3
82.5°	81.9	80.3	77.8	76.9	85.3	91.1	95.3	96.2	76.1	65.2	62.7
85°	39.3	39.3	38.5	40.1	50.2	74.4	80.3	71.1	51.0	46.8	44.3
87.5°	7.5	7.5	8.4	7.5	10.0	17.6	20.1	23.4	19.2	20.1	22.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: ICS-F04-LED-E1-SL3-8030

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	831.9	831.9	831.9
2.5°	806.9	805.2	805.2
5°	790.1	789.3	789.3
7.5°	786.0	786.8	786.0
10°	801.8	801.0	804.4
12.5°	837.0	839.5	838.6
15°	873.8	875.4	875.4
17.5°	884.6	878.8	877.9
20°	856.2	845.3	842.8
22.5°	802.7	782.6	783.5
25°	735.0	710.7	712.4
27.5°	656.4	630.4	629.6
30°	561.9	533.4	519.2
32.5°	448.2	413.9	413.9
35°	337.0	309.4	299.3
37.5°	255.9	240.0	235.0
40°	213.2	205.7	204.0
42.5°	194.0	191.5	190.6
45°	183.9	182.3	181.4
47.5°	174.8	173.9	173.1
50°	168.1	167.2	166.4
52.5°	162.2	160.5	159.7
55°	153.8	153.8	153.8
57.5°	148.8	148.8	148.0
60°	143.8	143.0	143.0
62.5°	139.6	138.0	138.8
65°	137.1	134.6	134.6
67°	135.5	130.4	130.4
67.5°	135.5	128.8	128.8
70°	132.9	122.1	120.4
72.5°	130.4	114.5	112.0
75°	123.7	108.7	106.2
77.5°	106.2	97.0	95.3
80°	81.9	71.1	72.7
82.5°	59.4	51.0	50.2
85°	42.6	36.8	36.8
87.5°	22.6	19.2	20.1
90°	0.0	0.0	0.0

(END OF REPORT)