

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: P180538

Luminaire Tested: **ICS-E03-LED-E1-SL2**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180538
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-E03-LED-E1-SL2
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (63) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8249.2 lumens
Efficiency: N/A
Efficacy: 109.7 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

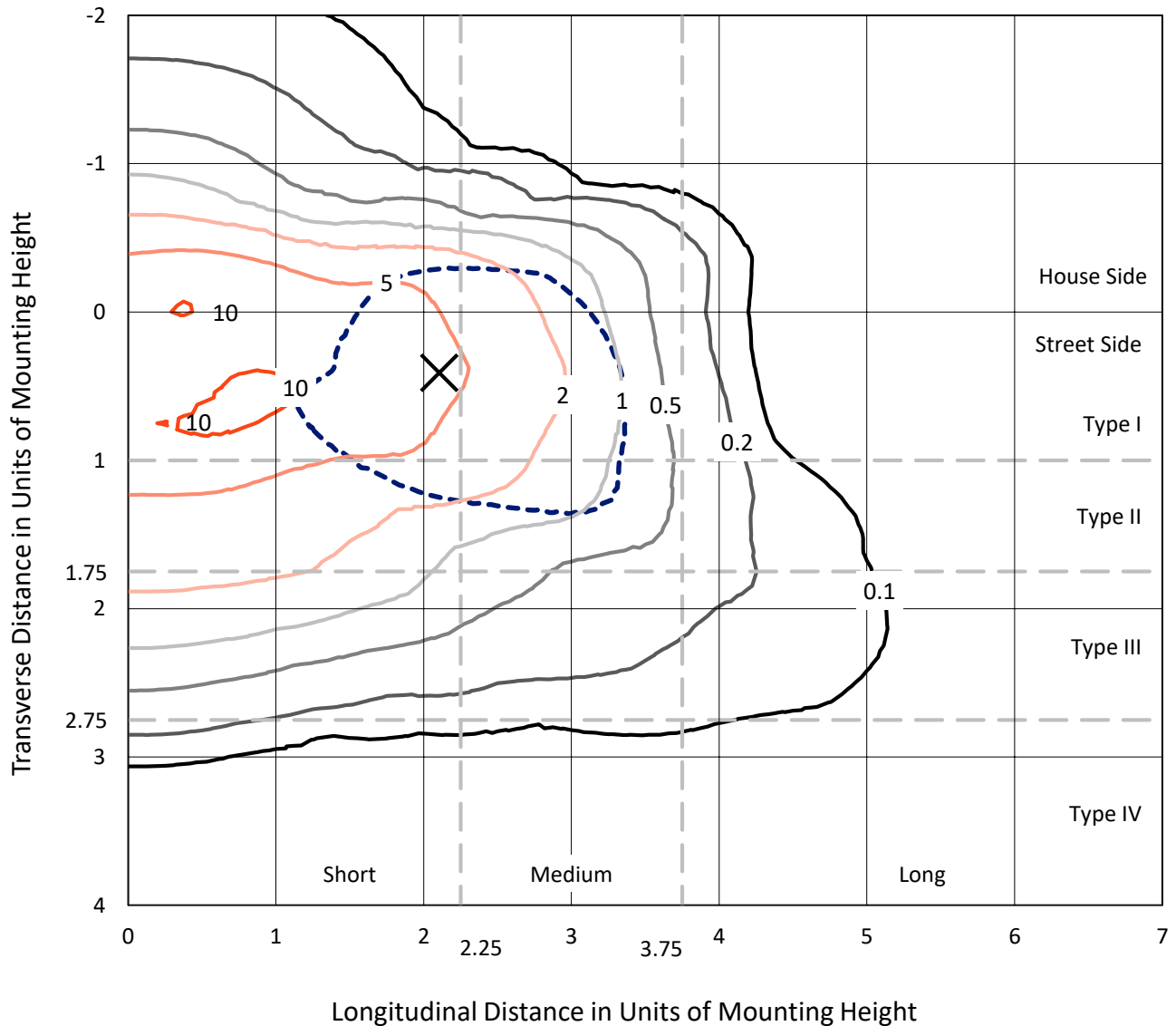
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P180538
 CATALOG NUMBER: ICS-E03-LED-E1-SL2

Iso-Footcandle Lines of Horizontal Illumination

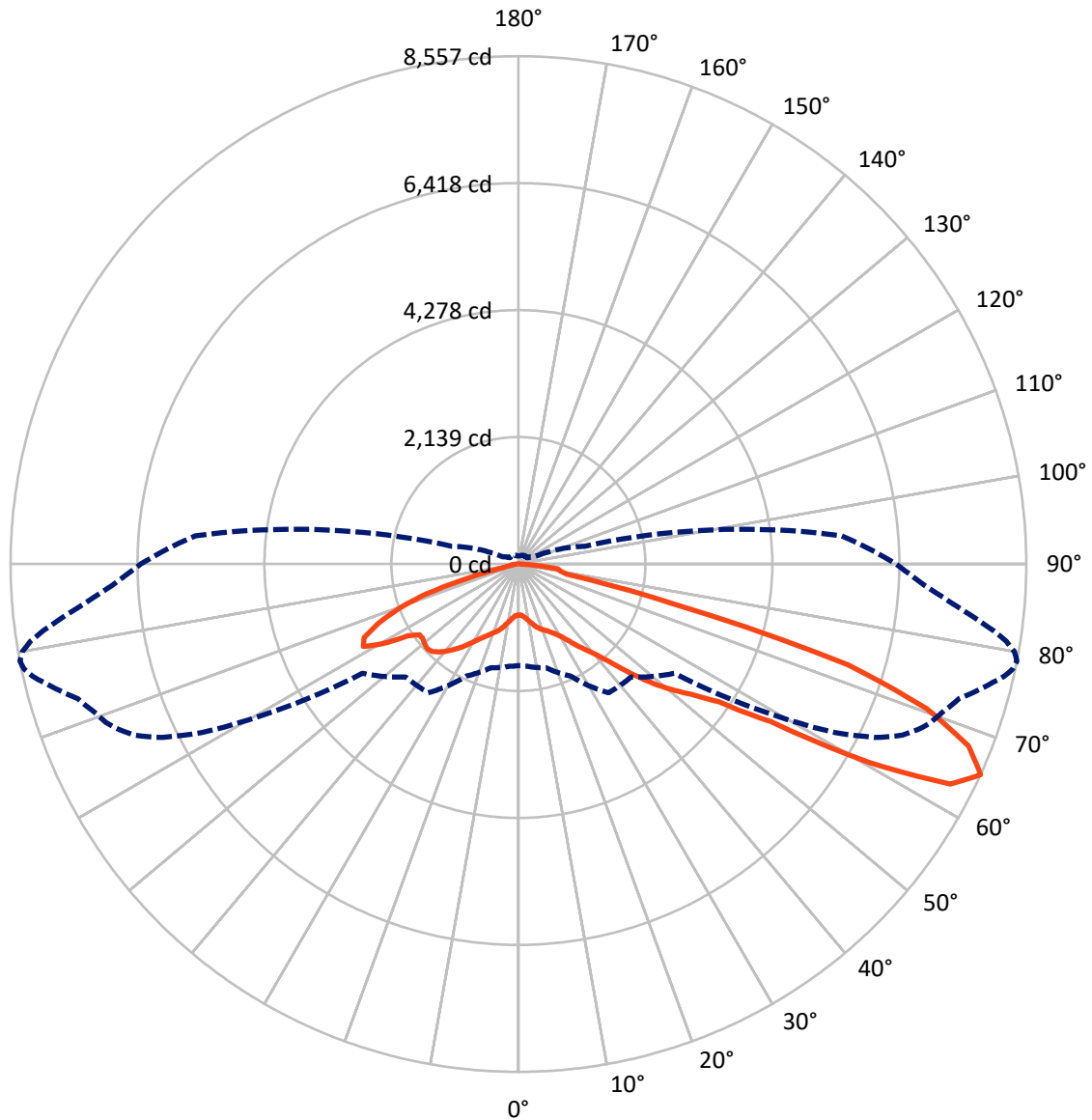
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.4 fc
 Type II - Short - Non-Cutoff

REPORT NUMBER: P180538
CATALOG NUMBER: ICS-E03-LED-E1-SL2

Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P180538

CATALOG NUMBER: ICS-E03-LED-E1-SL2

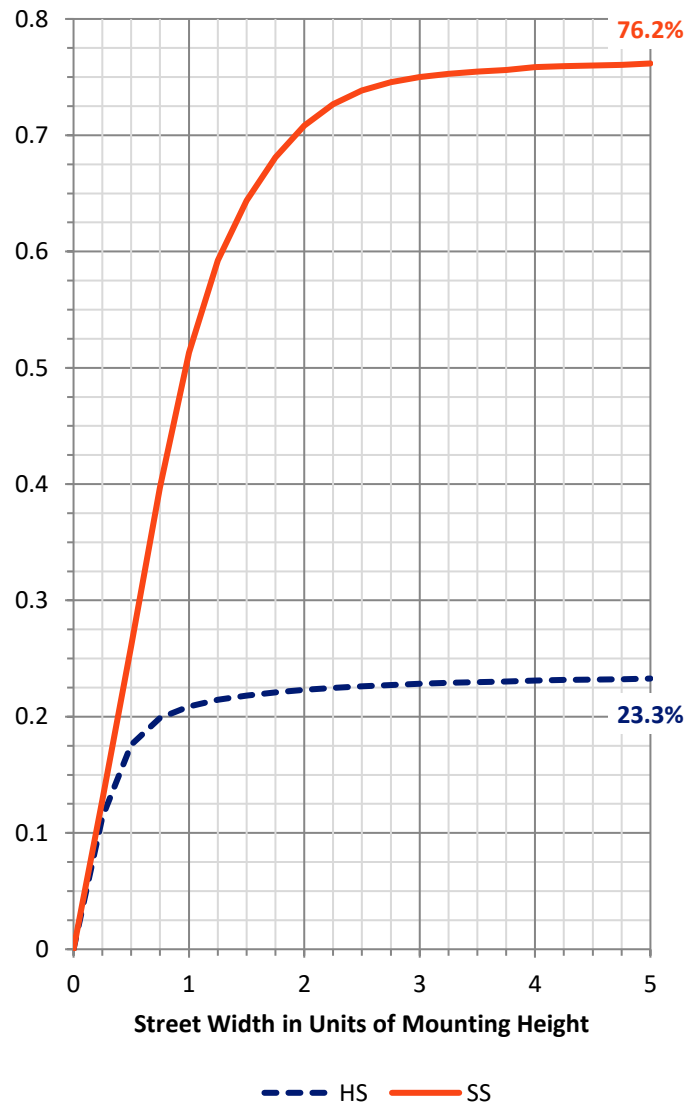
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1950.1	0.0	1950.1
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	6299.1	0.0	6299.1
	% Fixture	76.4	0.0	76.4
Total	Lumens	8249.2	0.0	8249.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.4	1.0
10°-20°	279.1	3.4
20°-30°	482.1	5.8
30°-40°	798.0	9.7
40°-50°	1353.3	16.4
50°-60°	1798.1	21.8
60°-70°	2322.7	28.2
70°-80°	974.1	11.8
80°-90°	156.5	1.9
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°	8249.2	100.0
0°-180°	8249.2	100.0



REPORT NUMBER: P180538

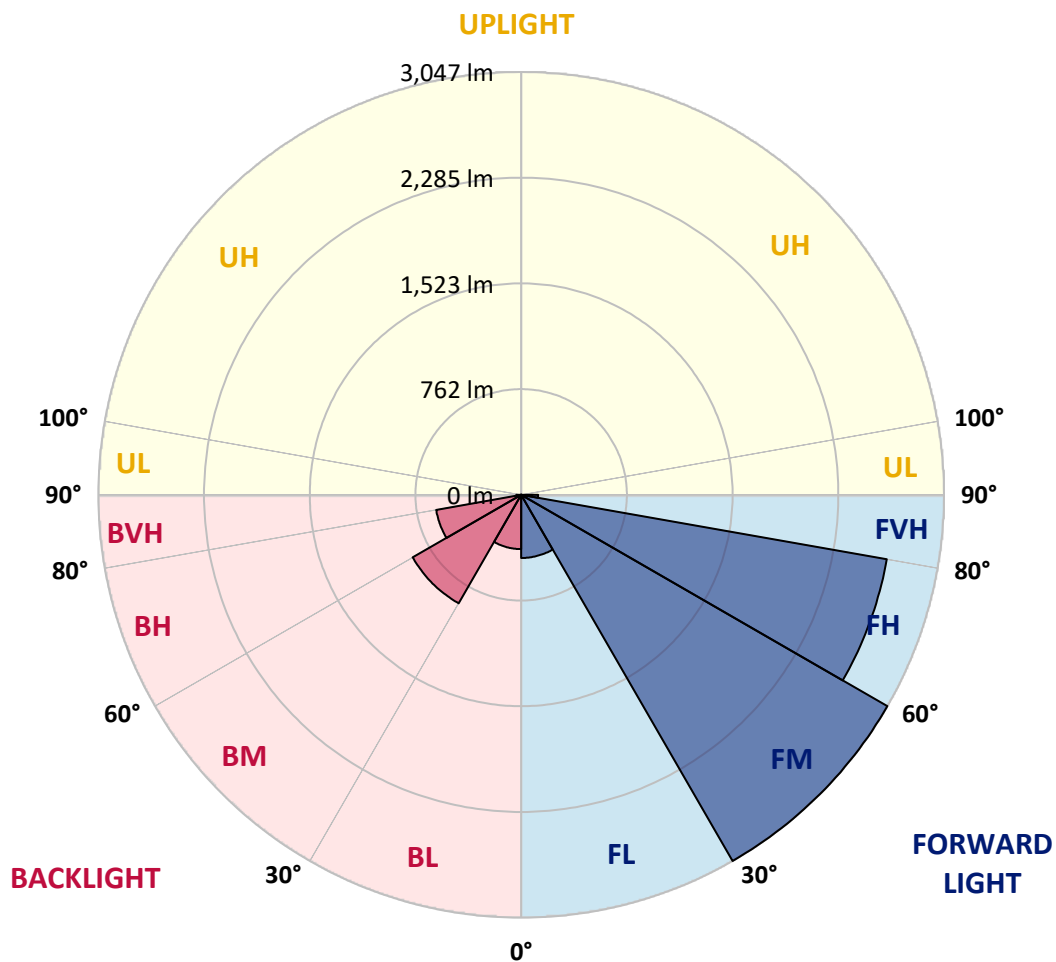
CATALOG NUMBER: ICS-E03-LED-E1-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	455.2	5.5			
FM	(30°-60°)	3046.7	36.9			
FH	(60°-80°)	2674.9	32.4			G2/5000
FVH	(80°-90°)	122.4	1.5			G2/225
BL	(0°-30°)	391.3	4.7	B1/500		
BM	(30°-60°)	902.7	10.9	B1/1000		
BH	(60°-80°)	621.9	7.5	B2/1000		G2/1000
BVH	(80°-90°)	34.1	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 II Short





REPORT NUMBER: P180538

CATALOG NUMBER: ICS-E03-LED-E1-SL2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6
2.5°	855.9	858.6	856.8	858.6	860.4	861.3	863.1	862.2	862.2	863.1	861.3
5°	855.9	855.9	858.6	863.1	864.9	870.3	876.6	875.7	876.6	875.7	877.5
7.5°	873.9	873.0	875.7	881.1	882.9	891.0	901.8	903.6	905.4	905.4	908.1
10°	905.4	904.5	907.2	909.9	912.6	918.9	934.3	940.6	941.5	942.4	946.0
12.5°	945.1	944.2	940.6	940.6	939.7	951.4	972.1	983.8	985.6	989.2	991.9
15°	973.0	970.3	964.9	961.3	965.8	984.7	1015.3	1028.8	1030.6	1033.3	1040.5
17.5°	1000.0	997.3	985.6	976.6	982.9	1013.5	1054.9	1069.3	1072.9	1075.6	1083.7
20°	1037.8	1036.0	1018.9	997.3	995.5	1035.1	1085.5	1104.4	1107.1	1110.7	1118.8
22.5°	1095.4	1087.3	1067.5	1027.0	1007.2	1047.7	1107.1	1133.2	1136.8	1140.4	1151.2
25°	1167.4	1163.8	1129.6	1067.5	1026.1	1060.3	1130.5	1162.9	1168.3	1172.8	1187.2
27.5°	1242.1	1236.7	1199.8	1118.8	1059.4	1085.5	1167.4	1204.3	1211.5	1218.7	1232.2
30°	1308.7	1306.9	1276.3	1188.1	1113.4	1133.2	1226.8	1271.8	1279.9	1288.9	1301.5
32.5°	1465.3	1466.2	1434.7	1344.7	1243.9	1219.6	1312.3	1379.8	1383.4	1394.2	1416.7
35°	1765.0	1768.6	1756.9	1685.8	1572.4	1472.5	1481.5	1548.1	1551.7	1560.7	1582.3
37.5°	1965.7	1972.9	2008.9	2031.4	1973.8	1927.9	1813.6	1787.5	1790.2	1784.8	1780.3
40°	2076.4	2087.2	2181.7	2298.7	2361.7	2362.6	2313.1	2197.9	2153.8	2141.2	2087.2
42.5°	2139.4	2157.4	2291.5	2491.3	2672.2	2796.5	2827.1	2699.2	2666.8	2609.2	2505.7
45°	2180.8	2202.4	2360.8	2634.4	2900.9	3112.4	3271.7	3215.0	3193.4	3158.3	3062.9
47.5°	2173.6	2190.7	2355.4	2683.0	3020.6	3321.2	3603.8	3662.3	3636.2	3627.2	3562.4
50°	2042.2	2057.5	2224.9	2562.4	2954.9	3400.4	3814.4	3980.0	3980.0	3997.1	3977.3
52.5°	1901.8	1914.4	2066.5	2369.8	2742.4	3323.0	3931.4	4205.9	4241.9	4271.6	4318.4
55°	1848.7	1864.0	1979.2	2238.4	2561.5	3101.6	3971.0	4375.1	4441.7	4492.1	4598.4
57.5°	1873.9	1889.2	1971.1	2167.3	2455.3	2875.7	3972.8	4602.9	4731.6	4835.1	5050.2
60°	1982.8	1997.2	2065.6	2233.0	2427.4	2745.1	3896.3	4965.6	5170.8	5365.2	5723.4
62.5°	1932.4	1950.4	2050.3	2341.9	2635.3	2646.1	3620.0	5246.4	5576.7	5863.8	6433.5
65°	1711.9	1730.8	1809.1	2081.8	2647.9	2689.3	3210.5	5251.8	5662.2	6050.1	6664.9
67.5°	1299.7	1306.9	1369.0	1587.7	2117.8	2737.0	2789.3	4629.9	5020.5	5453.4	6087.9
70°	664.2	676.8	694.8	876.6	1363.6	2261.8	2396.8	3412.1	3909.8	4357.1	5119.5
72.5°	230.4	234.9	252.9	334.8	664.2	1484.2	2098.0	2338.3	2638.9	3057.5	3940.4
75°	138.6	138.6	144.9	169.2	303.3	773.1	1866.7	1909.9	1950.4	2090.8	2668.6
77.5°	109.8	111.6	111.6	116.1	168.3	396.9	1417.6	1775.8	1781.2	1794.7	1891.9
80°	78.3	81.9	89.1	92.7	108.9	217.8	795.6	1558.9	1665.1	1716.4	1787.5
82.5°	58.5	62.1	75.6	80.1	84.6	121.5	357.3	1075.6	1269.1	1371.7	1621.9
85°	26.1	30.6	51.3	56.7	59.4	64.8	167.4	306.0	351.9	395.1	521.1
87.5°	4.5	4.5	8.1	11.7	17.1	16.2	36.9	52.2	53.1	62.1	69.3
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: P180538

CATALOG NUMBER: ICS-E03-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6
2.5°	861.3	861.3	861.3	860.4	861.3	861.3	861.3	861.3	862.2	862.2	862.2
5°	880.2	878.4	879.3	879.3	879.3	878.4	880.2	879.3	880.2	882.9	882.0
7.5°	908.1	909.9	910.8	911.7	911.7	911.7	912.6	914.4	914.4	917.1	916.2
10°	949.6	948.7	949.6	952.3	955.0	955.9	958.6	957.7	959.5	963.1	966.7
12.5°	993.7	995.5	998.2	1000.9	1005.4	1006.3	1009.0	1009.9	1015.3	1015.3	1018.9
15°	1043.2	1044.1	1049.5	1050.4	1055.8	1057.6	1062.1	1063.9	1070.2	1071.1	1074.7
17.5°	1088.2	1090.0	1092.7	1095.4	1101.7	1104.4	1108.0	1111.6	1117.0	1118.8	1125.1
20°	1124.2	1127.8	1128.7	1134.1	1139.5	1143.1	1146.7	1150.3	1155.7	1158.4	1164.7
22.5°	1156.6	1160.2	1162.9	1167.4	1171.0	1176.4	1178.2	1184.5	1189.9	1194.4	1199.8
25°	1191.7	1197.1	1199.8	1207.9	1210.6	1216.0	1220.5	1226.8	1234.0	1239.4	1246.6
27.5°	1241.2	1249.3	1252.9	1261.9	1268.2	1270.9	1278.1	1287.1	1293.4	1299.7	1306.9
30°	1309.6	1324.9	1327.6	1333.9	1345.6	1347.4	1356.4	1363.6	1373.5	1379.8	1386.1
32.5°	1415.8	1434.7	1436.5	1443.7	1453.6	1457.2	1464.4	1472.5	1487.8	1490.5	1500.4
35°	1578.7	1586.8	1594.0	1596.7	1604.8	1609.3	1614.7	1623.7	1639.0	1637.2	1648.0
37.5°	1774.0	1776.7	1777.6	1768.6	1770.4	1762.3	1772.2	1774.0	1779.4	1783.9	1794.7
40°	2053.0	2025.1	2021.5	1999.9	1978.3	1966.6	1962.1	1944.1	1948.6	1950.4	1959.4
42.5°	2460.7	2406.7	2361.7	2331.1	2278.0	2251.9	2216.8	2188.9	2167.3	2175.4	2179.0
45°	2977.4	2900.0	2828.0	2734.3	2665.0	2615.5	2553.4	2497.6	2472.4	2460.7	2475.1
47.5°	3493.1	3424.7	3340.1	3243.8	3134.0	3052.1	2948.6	2857.7	2794.7	2771.3	2783.9
50°	3938.6	3875.6	3811.7	3755.0	3627.2	3538.1	3396.8	3278.9	3179.9	3129.5	3116.0
52.5°	4308.5	4275.2	4241.0	4193.3	4090.7	4001.6	3889.1	3773.0	3641.6	3539.0	3503.9
55°	4638.9	4658.7	4641.6	4642.5	4602.0	4545.2	4449.8	4363.4	4271.6	4155.5	4106.9
57.5°	5120.4	5237.4	5260.8	5319.3	5348.1	5378.7	5405.7	5354.4	5331.0	5244.6	5245.5
60°	5879.1	6050.1	6198.6	6333.6	6444.4	6552.4	6665.8	6716.2	6772.0	6798.1	6887.2
62.5°	6686.5	6849.4	7070.8	7251.7	7353.4	7493.8	7617.1	7697.2	7795.3	7899.7	8035.6
65°	6886.3	7082.5	7222.0	7342.6	7443.4	7518.1	7585.6	7681.0	7762.9	7928.5	8088.7
67.5°	6374.1	6530.8	6658.6	6777.4	6855.7	6918.7	6979.0	7042.0	7182.4	7332.7	7493.8
70°	5471.4	5660.4	5871.9	6025.8	6064.5	6118.5	6176.1	6258.0	6328.2	6485.8	6608.2
72.5°	4395.8	4667.7	4846.8	5060.1	5106.0	5187.9	5220.3	5284.2	5296.8	5382.3	5414.7
75°	3063.8	3375.2	3555.2	3711.8	3742.4	3697.4	3715.4	3489.5	3431.9	3385.1	3347.3
77.5°	2022.4	2106.1	2134.9	2109.7	1989.1	1894.6	1793.8	1694.8	1705.6	1625.5	1485.1
80°	1798.3	1817.2	1791.1	1765.9	1696.6	1597.6	1506.7	1414.0	1368.1	1319.5	1247.5
82.5°	1749.7	1822.6	1830.7	1800.1	1745.2	1637.2	1527.4	1389.7	1272.7	1164.7	1054.9
85°	585.0	711.9	768.6	821.7	837.9	856.8	792.0	703.8	597.6	526.5	412.2
87.5°	74.7	92.7	107.1	91.8	107.1	126.0	90.9	101.7	102.6	63.9	47.7
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: P180538

CATALOG NUMBER: ICS-E03-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6
2.5°	863.1	862.2	862.2	862.2	861.3	862.2	862.2	862.2	862.2	862.2	861.3
5°	882.9	882.9	885.6	886.5	884.7	883.8	884.7	885.6	885.6	884.7	885.6
7.5°	919.9	920.8	922.6	925.3	923.5	924.4	925.3	924.4	927.1	928.0	927.1
10°	966.7	968.5	973.0	973.9	973.0	976.6	977.5	975.7	977.5	977.5	981.1
12.5°	1020.7	1022.5	1027.9	1029.7	1031.5	1032.4	1035.1	1036.0	1038.7	1040.5	1043.2
15°	1079.2	1081.0	1084.6	1090.9	1092.7	1094.5	1096.3	1101.7	1102.6	1106.2	1108.9
17.5°	1128.7	1131.4	1136.8	1141.3	1144.0	1148.5	1150.3	1156.6	1158.4	1163.8	1168.3
20°	1168.3	1172.8	1177.3	1182.7	1187.2	1192.6	1194.4	1200.7	1204.3	1207.0	1212.4
22.5°	1204.3	1209.7	1216.0	1222.3	1225.9	1233.1	1235.8	1238.5	1246.6	1250.2	1255.6
25°	1251.1	1256.5	1263.7	1271.8	1275.4	1284.4	1287.1	1291.6	1300.6	1304.2	1312.3
27.5°	1315.0	1322.2	1327.6	1335.7	1340.2	1346.5	1352.8	1358.2	1366.3	1371.7	1380.7
30°	1395.1	1400.5	1409.5	1415.8	1423.0	1432.0	1439.2	1444.6	1449.1	1457.2	1467.1
32.5°	1513.0	1513.9	1516.6	1531.9	1539.1	1546.3	1556.2	1560.7	1567.9	1576.0	1586.8
35°	1659.7	1667.8	1674.1	1681.3	1689.4	1697.5	1701.1	1714.6	1720.9	1731.7	1742.5
37.5°	1805.5	1806.4	1820.8	1825.3	1832.5	1840.6	1853.2	1866.7	1882.9	1893.7	1910.8
40°	1962.1	1969.3	1987.3	1996.3	2005.3	2025.1	2035.0	2056.6	2083.6	2098.9	2127.7
42.5°	2188.9	2199.7	2232.1	2246.5	2268.1	2300.5	2321.2	2350.9	2361.7	2398.6	2412.1
45°	2485.9	2519.2	2566.0	2596.6	2635.3	2670.4	2688.4	2701.9	2718.1	2746.9	2743.3
47.5°	2807.3	2850.5	2902.7	2965.7	2990.9	3032.3	3055.7	3081.8	3067.4	3060.2	3053.0
50°	3136.7	3187.1	3256.4	3313.1	3351.8	3377.0	3396.8	3393.2	3362.6	3346.4	3301.4
52.5°	3503.0	3532.7	3598.4	3647.0	3670.4	3675.8	3671.3	3644.3	3615.5	3564.2	3511.1
55°	4064.6	4051.1	4077.2	4099.7	4092.5	4117.7	4052.9	4027.7	3956.6	3890.0	3818.9
57.5°	5205.9	5223.9	5078.1	5012.4	5000.7	5024.1	4909.8	4895.4	4723.5	4701.9	4582.1
60°	6874.6	6962.8	6848.5	6784.6	6611.8	6555.1	6427.2	6374.1	6209.4	6076.2	5907.9
62.5°	8129.2	8209.3	8257.0	8166.1	8065.3	7916.8	7723.3	7509.1	7334.5	7130.2	6952.0
65°	8242.6	8404.7	8514.5	8556.8	8485.7	8322.8	8084.2	7814.2	7546.9	7290.4	7065.4
67.5°	7712.5	7857.4	8027.5	8179.6	8188.6	8082.4	7879.0	7604.5	7295.8	6979.0	6715.3
70°	6801.7	6983.5	7132.0	7292.2	7403.8	7342.6	7240.9	6988.9	6668.5	6421.8	6118.5
72.5°	5531.7	5608.2	5644.2	5801.7	5803.5	5691.9	5619.9	5480.4	5222.1	5047.5	4816.2
75°	3230.3	3062.0	2882.9	2727.1	2600.2	2547.1	2311.3	2271.7	2113.3	2015.2	1871.2
77.5°	1332.1	1181.8	988.3	827.1	667.8	595.8	491.4	445.5	386.1	360.0	342.9
80°	1142.2	1000.0	854.1	714.6	590.4	466.2	362.7	281.7	221.4	188.1	174.6
82.5°	932.5	846.9	745.2	669.6	572.4	479.7	405.0	314.1	234.9	172.8	132.3
85°	336.6	276.3	222.3	204.3	162.9	134.1	112.5	96.3	79.2	63.0	55.8
87.5°	37.8	36.0	20.7	19.8	22.5	16.2	18.9	17.1	14.4	12.6	13.5
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: P180538

CATALOG NUMBER: ICS-E03-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6
2.5°	861.3	861.3	862.2	862.2	863.1	864.0	865.8	864.9	864.9	865.8	865.8
5°	885.6	888.3	887.4	887.4	887.4	888.3	889.2	885.6	882.0	878.4	876.6
7.5°	928.0	929.8	931.6	929.8	931.6	930.7	928.9	918.9	907.2	892.8	882.9
10°	982.9	982.9	984.7	983.8	987.4	984.7	979.3	956.8	931.6	900.9	878.4
12.5°	1042.3	1048.6	1045.9	1046.8	1054.0	1046.8	1034.2	1000.9	955.9	906.3	866.7
15°	1112.5	1115.2	1117.0	1114.3	1118.8	1112.5	1090.0	1036.9	971.2	901.8	843.3
17.5°	1170.1	1171.0	1171.9	1173.7	1180.0	1172.8	1134.1	1062.1	974.8	881.1	803.7
20°	1215.1	1219.6	1223.2	1223.2	1232.2	1221.4	1170.1	1074.7	963.1	846.9	753.3
22.5°	1261.9	1265.5	1270.0	1270.9	1282.6	1271.8	1199.8	1072.0	932.5	798.3	694.8
25°	1319.5	1323.1	1326.7	1331.2	1347.4	1332.1	1229.5	1061.2	890.1	740.7	631.8
27.5°	1386.1	1394.2	1396.9	1404.1	1423.0	1399.6	1254.7	1045.0	843.3	674.1	565.2
30°	1475.2	1485.1	1488.7	1498.6	1524.7	1473.4	1269.1	1017.1	783.9	606.6	494.1
32.5°	1594.9	1608.4	1619.2	1630.0	1659.7	1547.2	1270.9	976.6	714.6	531.0	425.7
35°	1751.5	1772.2	1780.3	1787.5	1815.4	1627.3	1262.8	916.2	630.0	453.6	371.7
37.5°	1927.0	1947.7	1953.1	1956.7	1962.1	1695.7	1243.0	824.4	534.6	386.1	328.5
40°	2143.0	2161.0	2168.2	2162.8	2134.0	1748.8	1198.9	717.3	441.9	340.2	301.5
42.5°	2406.7	2433.7	2436.4	2412.1	2316.7	1778.5	1110.7	591.3	369.0	306.9	280.8
45°	2733.4	2731.6	2716.3	2699.2	2515.6	1766.8	987.4	481.5	323.1	280.8	261.9
47.5°	3026.9	2996.3	2972.9	2922.5	2691.1	1698.4	828.0	398.7	295.2	261.0	245.7
50°	3267.2	3211.4	3161.9	3107.0	2821.7	1576.9	669.6	338.4	269.1	243.9	230.4
52.5°	3457.1	3389.6	3332.0	3278.0	2947.7	1441.9	549.0	294.3	243.9	226.8	213.3
55°	3754.1	3686.6	3594.8	3535.4	3140.3	1317.7	470.7	259.2	219.6	208.8	195.3
57.5°	4505.6	4446.2	4336.4	4182.5	3635.3	1270.9	426.6	232.2	199.8	193.5	182.7
60°	5817.9	5721.6	5578.5	5421.9	4641.6	1302.4	391.5	213.3	186.3	180.9	172.8
62.5°	6808.0	6638.8	6476.8	6331.8	5446.2	1301.5	345.6	198.9	176.4	173.7	165.6
65°	6848.5	6676.6	6513.7	6361.5	5464.2	1158.4	291.6	186.3	174.6	173.7	160.2
67.5°	6484.9	6298.5	6141.0	5949.3	5058.3	905.4	234.0	178.2	181.8	180.0	158.4
70°	5890.8	5647.8	5518.2	5329.2	4451.6	633.6	192.6	180.9	197.1	191.7	161.1
72.5°	4623.6	4439.9	4242.8	4111.4	3485.0	400.5	162.0	182.7	203.4	194.4	168.3
75°	1720.9	1770.4	1689.4	1660.6	1770.4	234.9	144.0	170.1	181.8	168.3	153.0
77.5°	347.4	332.1	315.0	311.4	402.3	144.9	132.3	147.6	139.5	123.3	124.2
80°	166.5	162.0	156.6	155.7	149.4	120.6	122.4	126.0	105.3	95.4	101.7
82.5°	110.7	104.4	102.6	99.0	100.8	108.0	116.1	108.0	81.0	75.6	91.8
85°	51.3	49.5	48.6	48.6	54.0	97.2	96.3	79.2	55.8	54.0	91.8
87.5°	12.6	12.6	13.5	12.6	14.4	28.8	25.2	24.3	20.7	23.4	43.2
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: P180538

CATALOG NUMBER: ICS-E03-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	858.6	858.6	858.6
2.5°	864.9	865.8	864.9
5°	873.0	873.0	873.0
7.5°	873.0	870.3	869.4
10°	860.4	852.3	852.3
12.5°	838.8	825.3	823.5
15°	798.3	780.3	777.6
17.5°	747.0	722.7	718.2
20°	689.4	658.8	653.4
22.5°	626.4	591.3	588.6
25°	564.3	528.3	521.1
27.5°	495.0	459.9	456.3
30°	425.7	395.1	393.3
32.5°	367.2	348.3	344.7
35°	325.8	315.0	310.5
37.5°	298.8	290.7	289.8
40°	278.1	270.9	270.0
42.5°	261.0	254.7	253.8
45°	243.9	238.5	236.7
47.5°	226.8	221.4	220.5
50°	211.5	204.3	203.4
52.5°	197.1	189.9	188.1
55°	183.6	176.4	176.4
57.5°	171.9	164.7	163.8
60°	161.1	153.9	153.0
62.5°	153.0	144.0	143.1
65°	146.7	137.7	135.9
67.5°	143.1	132.3	129.6
70°	149.4	129.6	125.1
72.5°	150.3	126.9	120.6
75°	144.9	119.7	115.2
77.5°	126.9	107.1	102.6
80°	109.8	82.8	76.5
82.5°	104.4	67.5	58.5
85°	81.0	44.1	41.4
87.5°	45.9	24.3	19.8
90°	0.0	0.0	0.0

(END OF REPORT)