

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: P180536

Luminaire Tested: **ICS-E03-LED-E1-SL2-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180536  
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-SL2-8030  
Description: ICON SITE SMALL LED LUMINAIRE  
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (63) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6962.3 lumens  
Efficiency: N/A  
Efficacy: 92.6 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<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

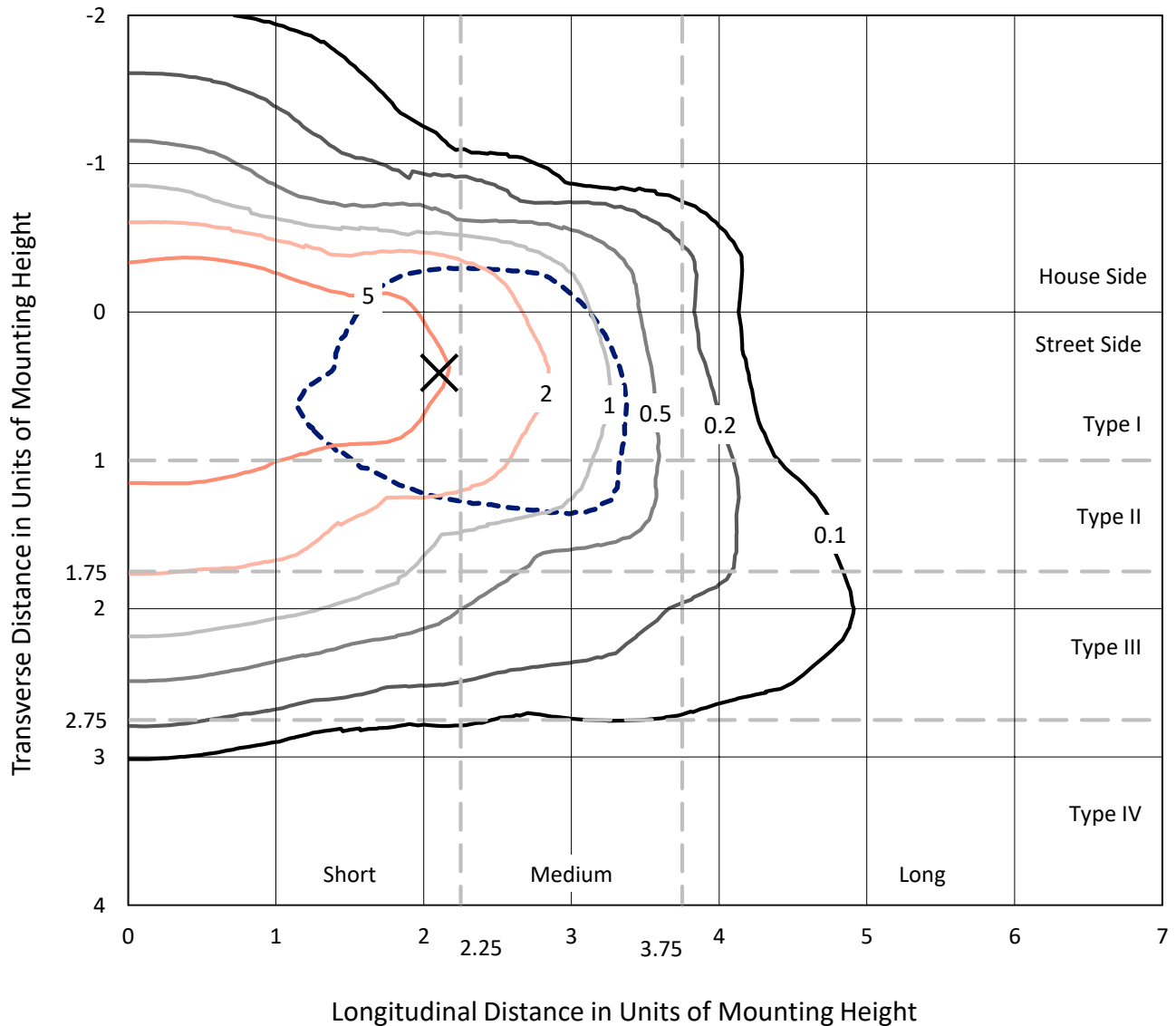


REPORT NUMBER: P180536

CATALOG NUMBER: ICS-E03-LED-E1-SL2-8030

### Iso-Footcandle Lines of Horizontal Illumination

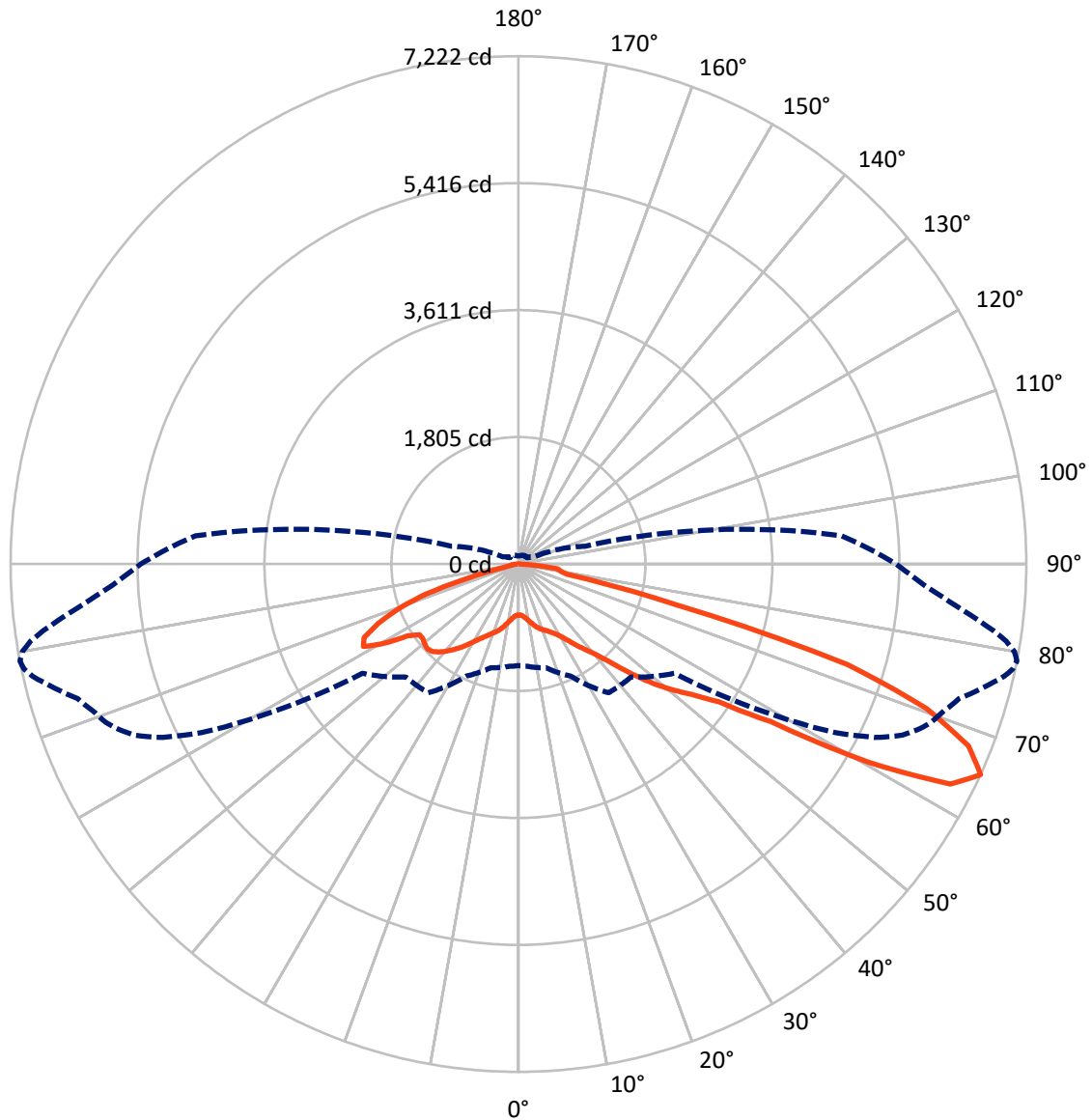
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.6 fc  
 Type II - Short - Non-Cutoff

REPORT NUMBER: P180536  
CATALOG NUMBER: ICS-E03-LED-E1-SL2-8030

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P180536

CATALOG NUMBER: ICS-E03-LED-E1-SL2-8030

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1645.9	0.0	1645.9
	% Fixture	23.6	0.0	23.6
<b>Street Side</b>	Lumens	5316.4	0.0	5316.4
	% Fixture	76.4	0.0	76.4
<b>Total</b>	Lumens	6962.3	0.0	6962.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	72.0	1.0
10°-20°	235.6	3.4
20°-30°	406.9	5.8
30°-40°	673.5	9.7
40°-50°	1142.2	16.4
50°-60°	1517.6	21.8
60°-70°	1960.3	28.2
70°-80°	822.2	11.8
80°-90°	132.1	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°	6962.3	100.0
0°-180°	6962.3	100.0



REPORT NUMBER: P180536

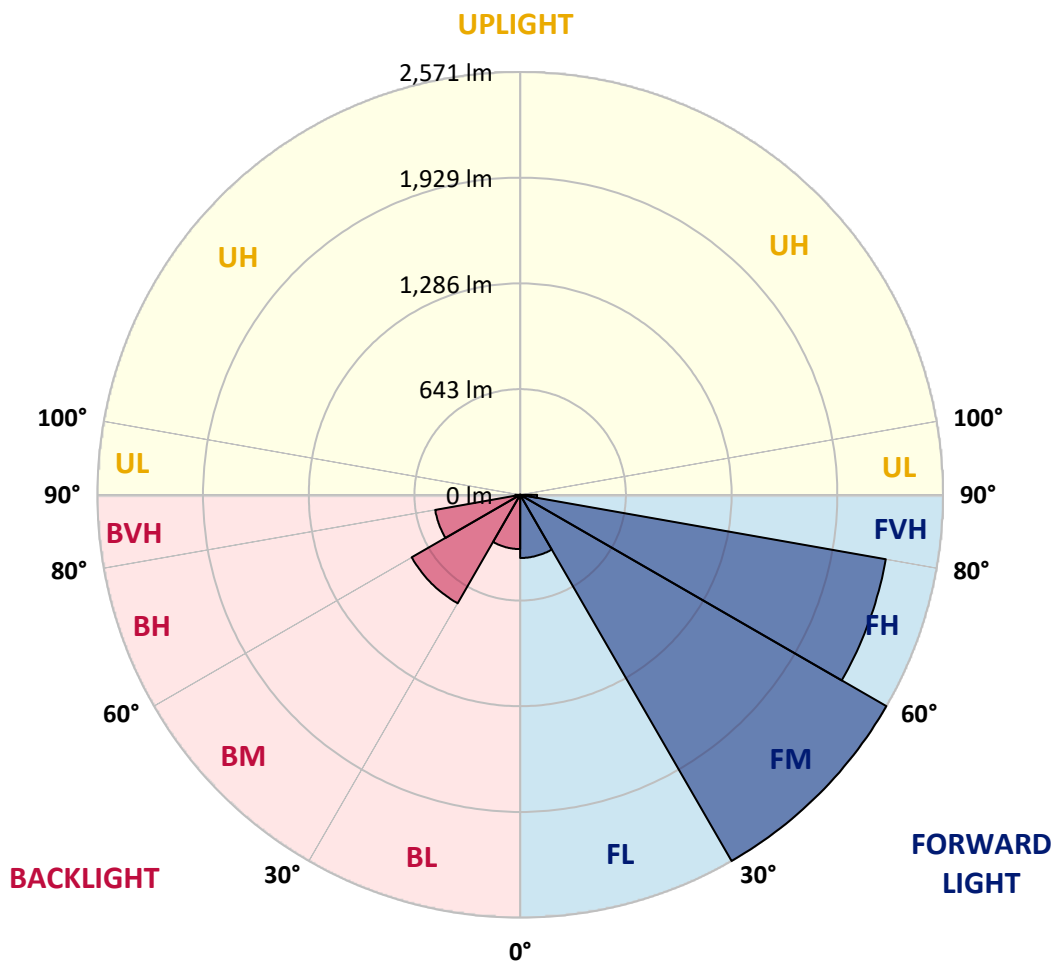
CATALOG NUMBER: ICS-E03-LED-E1-SL2-8030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	384.2	5.5			
FM	(30°-60°)	2571.4	36.9			
FH	(60°-80°)	2257.6	32.4			G2/5000
FVH	(80°-90°)	103.3	1.5			G2/225
BL	(0°-30°)	330.3	4.7	B1/500		
BM	(30°-60°)	761.9	10.9	B1/1000		
BH	(60°-80°)	524.9	7.5	B2/1000		G2/1000
BVH	(80°-90°)	28.8	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: P180536

CATALOG NUMBER: ICS-E03-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7
2.5°	722.4	724.7	723.2	724.7	726.2	727.0	728.5	727.7	727.7	728.5	727.0
5°	722.4	722.4	724.7	728.5	730.0	734.6	739.9	739.1	739.9	739.1	740.6
7.5°	737.6	736.8	739.1	743.7	745.2	752.0	761.2	762.7	764.2	764.2	766.5
10°	764.2	763.4	765.7	768.0	770.3	775.6	788.5	793.8	794.6	795.3	798.4
12.5°	797.6	796.9	793.8	793.8	793.1	802.9	820.4	830.3	831.8	834.8	837.1
15°	821.2	818.9	814.3	811.3	815.1	831.0	856.9	868.3	869.8	872.1	878.1
17.5°	844.0	841.7	831.8	824.2	829.5	855.3	890.3	902.4	905.5	907.8	914.6
20°	875.9	874.3	859.9	841.7	840.2	873.6	916.1	932.1	934.3	937.4	944.2
22.5°	924.5	917.6	900.9	866.7	850.0	884.2	934.3	956.4	959.4	962.5	971.6
25°	985.2	982.2	953.3	900.9	866.0	894.8	954.1	981.4	986.0	989.8	1002.0
27.5°	1048.3	1043.7	1012.6	944.2	894.1	916.1	985.2	1016.4	1022.5	1028.5	1039.9
30°	1104.5	1103.0	1077.2	1002.7	939.7	956.4	1035.4	1073.4	1080.2	1087.8	1098.4
32.5°	1236.7	1237.4	1210.9	1134.9	1049.8	1029.3	1107.5	1164.5	1167.6	1176.7	1195.7
35°	1489.6	1492.7	1482.8	1422.8	1327.1	1242.8	1250.4	1306.6	1309.6	1317.2	1335.4
37.5°	1659.0	1665.1	1695.5	1714.5	1665.9	1627.1	1530.7	1508.6	1510.9	1506.4	1502.6
40°	1752.5	1761.6	1841.4	1940.1	1993.3	1994.0	1952.3	1855.0	1817.8	1807.2	1761.6
42.5°	1805.6	1820.8	1934.0	2102.7	2255.4	2360.2	2386.0	2278.1	2250.8	2202.2	2114.8
45°	1840.6	1858.8	1992.5	2223.4	2448.3	2626.8	2761.3	2713.4	2695.2	2665.6	2585.0
47.5°	1834.5	1848.9	1988.0	2264.5	2549.3	2803.0	3041.6	3090.9	3068.9	3061.3	3006.6
50°	1723.6	1736.5	1877.8	2162.7	2493.9	2869.9	3219.3	3359.1	3359.1	3373.5	3356.8
52.5°	1605.1	1615.7	1744.1	2000.1	2314.6	2804.6	3318.1	3549.8	3580.2	3605.2	3644.7
55°	1560.3	1573.2	1670.4	1889.2	2161.9	2617.7	3351.5	3692.6	3748.8	3791.3	3881.0
57.5°	1581.6	1594.5	1663.6	1829.2	2072.3	2427.0	3353.0	3884.8	3993.4	4080.7	4262.3
60°	1673.5	1685.6	1743.4	1884.6	2048.7	2316.9	3288.5	4190.9	4364.1	4528.2	4830.5
62.5°	1630.9	1646.1	1730.4	1976.6	2224.2	2233.3	3055.2	4427.9	4706.7	4949.0	5429.9
65°	1444.8	1460.8	1526.9	1757.0	2234.8	2269.8	2709.6	4432.5	4778.9	5106.3	5625.1
67.5°	1096.9	1103.0	1155.4	1340.0	1787.4	2310.0	2354.1	3907.6	4237.2	4602.6	5138.2
70°	560.6	571.2	586.4	739.9	1150.8	1909.0	2022.9	2879.8	3299.8	3677.4	4320.8
72.5°	194.5	198.3	213.5	282.6	560.6	1252.6	1770.7	1973.5	2227.2	2580.5	3325.7
75°	117.0	117.0	122.3	142.8	256.0	652.5	1575.5	1611.9	1646.1	1764.6	2252.3
77.5°	92.7	94.2	94.2	98.0	142.1	335.0	1196.4	1498.8	1503.3	1514.7	1596.7
80°	66.1	69.1	75.2	78.2	91.9	183.8	671.5	1315.7	1405.3	1448.6	1508.6
82.5°	49.4	52.4	63.8	67.6	71.4	102.6	301.6	907.8	1071.1	1157.7	1368.9
85°	22.0	25.8	43.3	47.9	50.1	54.7	141.3	258.3	297.0	333.5	439.8
87.5°	3.8	3.8	6.8	9.9	14.4	13.7	31.1	44.1	44.8	52.4	58.5
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: P180536

CATALOG NUMBER: ICS-E03-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (continued):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7
2.5°	727.0	727.0	727.0	726.2	727.0	727.0	727.0	727.0	727.7	727.7	727.7
5°	742.9	741.4	742.2	742.2	742.2	741.4	742.9	742.2	742.9	745.2	744.4
7.5°	766.5	768.0	768.7	769.5	769.5	769.5	770.3	771.8	771.8	774.1	773.3
10°	801.4	800.7	801.4	803.7	806.0	806.7	809.0	808.2	809.8	812.8	815.8
12.5°	838.6	840.2	842.4	844.7	848.5	849.3	851.5	852.3	856.9	856.9	859.9
15°	880.4	881.2	885.7	886.5	891.0	892.6	896.4	897.9	903.2	904.0	907.0
17.5°	918.4	919.9	922.2	924.5	929.8	932.1	935.1	938.1	942.7	944.2	949.5
20°	948.8	951.8	952.6	957.1	961.7	964.7	967.8	970.8	975.4	977.6	983.0
22.5°	976.1	979.2	981.4	985.2	988.3	992.8	994.4	999.7	1004.2	1008.0	1012.6
25°	1005.8	1010.3	1012.6	1019.4	1021.7	1026.3	1030.1	1035.4	1041.5	1046.0	1052.1
27.5°	1047.5	1054.4	1057.4	1065.0	1070.3	1072.6	1078.7	1086.3	1091.6	1096.9	1103.0
30°	1105.3	1118.2	1120.5	1125.8	1135.7	1137.2	1144.8	1150.8	1159.2	1164.5	1169.8
32.5°	1194.9	1210.9	1212.4	1218.5	1226.8	1229.8	1235.9	1242.8	1255.7	1258.0	1266.3
35°	1332.4	1339.2	1345.3	1347.6	1354.4	1358.2	1362.8	1370.4	1383.3	1381.8	1390.9
37.5°	1497.2	1499.5	1500.3	1492.7	1494.2	1487.4	1495.7	1497.2	1501.8	1505.6	1514.7
40°	1732.7	1709.2	1706.1	1687.9	1669.7	1659.8	1656.0	1640.8	1644.6	1646.1	1653.7
42.5°	2076.8	2031.3	1993.3	1967.4	1922.6	1900.6	1871.0	1847.4	1829.2	1836.0	1839.1
45°	2512.9	2447.5	2386.8	2307.8	2249.3	2207.5	2155.1	2108.0	2086.7	2076.8	2089.0
47.5°	2948.1	2890.4	2819.0	2737.7	2645.0	2575.9	2488.6	2411.8	2358.7	2338.9	2349.5
50°	3324.2	3271.0	3217.0	3169.2	3061.3	2986.1	2866.9	2767.3	2683.8	2641.2	2629.8
52.5°	3636.4	3608.3	3579.4	3539.1	3452.5	3377.3	3282.4	3184.4	3073.5	2986.9	2957.3
55°	3915.1	3931.9	3917.4	3918.2	3884.0	3836.1	3755.6	3682.7	3605.2	3507.2	3466.2
57.5°	4321.6	4420.3	4440.1	4489.4	4513.7	4539.6	4562.4	4519.1	4499.3	4426.4	4427.1
60°	4961.9	5106.3	5231.6	5345.5	5439.0	5530.1	5625.8	5668.4	5715.5	5737.5	5812.7
62.5°	5643.3	5780.8	5967.7	6120.4	6206.2	6324.7	6428.8	6496.4	6579.2	6667.3	6782.0
65°	5812.0	5977.6	6095.3	6197.1	6282.2	6345.2	6402.2	6482.7	6551.8	6691.6	6826.8
67.5°	5379.7	5511.9	5619.8	5720.0	5786.1	5839.3	5890.2	5943.4	6061.9	6188.7	6324.7
70°	4617.8	4777.3	4955.8	5085.7	5118.4	5164.0	5212.6	5281.7	5341.0	5473.9	5577.2
72.5°	3710.0	3939.5	4090.6	4270.7	4309.4	4378.5	4405.9	4459.8	4470.4	4542.6	4570.0
75°	2585.8	2848.6	3000.6	3132.7	3158.6	3120.6	3135.8	2945.1	2896.5	2857.0	2825.1
77.5°	1706.9	1777.5	1801.8	1780.6	1678.8	1599.0	1513.9	1430.4	1439.5	1371.9	1253.4
80°	1517.7	1533.7	1511.7	1490.4	1431.9	1348.3	1271.6	1193.4	1154.6	1113.6	1052.9
82.5°	1476.7	1538.3	1545.1	1519.3	1472.9	1381.8	1289.1	1172.9	1074.1	983.0	890.3
85°	493.8	600.9	648.7	693.5	707.2	723.2	668.5	594.0	504.4	444.4	347.9
87.5°	63.0	78.2	90.4	77.5	90.4	106.3	76.7	85.8	86.6	53.9	40.3
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: P180536

CATALOG NUMBER: ICS-E03-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (continued):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7
2.5°	728.5	727.7	727.7	727.7	727.0	727.7	727.7	727.7	727.7	727.7	727.0
5°	745.2	745.2	747.5	748.2	746.7	746.0	746.7	747.5	747.5	746.7	747.5
7.5°	776.3	777.1	778.6	780.9	779.4	780.1	780.9	780.1	782.4	783.2	782.4
10°	815.8	817.4	821.2	821.9	821.2	824.2	825.0	823.4	825.0	825.0	828.0
12.5°	861.4	862.9	867.5	869.0	870.5	871.3	873.6	874.3	876.6	878.1	880.4
15°	910.8	912.3	915.4	920.7	922.2	923.7	925.2	929.8	930.6	933.6	935.9
17.5°	952.6	954.9	959.4	963.2	965.5	969.3	970.8	976.1	977.6	982.2	986.0
20°	986.0	989.8	993.6	998.2	1002.0	1006.5	1008.0	1013.4	1016.4	1018.7	1023.2
22.5°	1016.4	1020.9	1026.3	1031.6	1034.6	1040.7	1043.0	1045.3	1052.1	1055.1	1059.7
25°	1055.9	1060.4	1066.5	1073.4	1076.4	1084.0	1086.3	1090.1	1097.7	1100.7	1107.5
27.5°	1109.8	1115.9	1120.5	1127.3	1131.1	1136.4	1141.7	1146.3	1153.1	1157.7	1165.3
30°	1177.4	1182.0	1189.6	1194.9	1201.0	1208.6	1214.7	1219.2	1223.0	1229.8	1238.2
32.5°	1276.9	1277.7	1280.0	1292.9	1299.0	1305.0	1313.4	1317.2	1323.3	1330.1	1339.2
35°	1400.8	1407.6	1412.9	1419.0	1425.8	1432.7	1435.7	1447.1	1452.4	1461.5	1470.6
37.5°	1523.8	1524.6	1536.7	1540.5	1546.6	1553.4	1564.1	1575.5	1589.2	1598.3	1612.7
40°	1656.0	1662.1	1677.3	1684.9	1692.5	1709.2	1717.5	1735.8	1758.6	1771.5	1795.8
42.5°	1847.4	1856.5	1883.9	1896.0	1914.3	1941.6	1959.1	1984.2	1993.3	2024.4	2035.8
45°	2098.1	2126.2	2165.7	2191.5	2224.2	2253.8	2269.0	2280.4	2294.1	2318.4	2315.4
47.5°	2369.3	2405.8	2449.8	2503.0	2524.3	2559.2	2579.0	2601.0	2588.8	2582.8	2576.7
50°	2647.3	2689.9	2748.4	2796.2	2828.9	2850.1	2866.9	2863.8	2838.0	2824.3	2786.3
52.5°	2956.5	2981.6	3037.0	3078.0	3097.8	3102.3	3098.5	3075.8	3051.4	3008.1	2963.3
55°	3430.5	3419.1	3441.1	3460.1	3454.1	3475.3	3420.6	3399.4	3339.3	3283.1	3223.1
57.5°	4393.7	4408.9	4285.9	4230.4	4220.5	4240.3	4143.8	4131.6	3986.6	3968.3	3867.3
60°	5802.1	5876.5	5780.0	5726.1	5580.3	5532.4	5424.5	5379.7	5240.7	5128.3	4986.2
62.5°	6861.0	6928.6	6968.9	6892.2	6807.1	6681.7	6518.4	6337.6	6190.3	6017.8	5867.4
65°	6956.7	7093.5	7186.1	7221.8	7161.8	7024.3	6823.0	6595.1	6369.5	6153.0	5963.1
67.5°	6509.3	6631.6	6775.2	6903.5	6911.1	6821.5	6649.8	6418.1	6157.6	5890.2	5667.6
70°	5740.5	5894.0	6019.3	6154.5	6248.7	6197.1	6111.2	5898.6	5628.1	5420.0	5164.0
72.5°	4668.7	4733.3	4763.7	4896.6	4898.1	4803.9	4743.1	4625.4	4407.4	4260.0	4064.8
75°	2726.3	2584.3	2433.1	2301.7	2194.6	2149.8	1950.7	1917.3	1783.6	1700.8	1579.3
77.5°	1124.3	997.4	834.1	698.1	563.6	502.9	414.8	376.0	325.9	303.9	289.4
80°	964.0	844.0	720.9	603.1	498.3	393.5	306.1	237.8	186.9	158.8	147.4
82.5°	787.0	714.8	629.0	565.2	483.1	404.9	341.8	265.1	198.3	145.8	111.7
85°	284.1	233.2	187.6	172.4	137.5	113.2	95.0	81.3	66.8	53.2	47.1
87.5°	31.9	30.4	17.5	16.7	19.0	13.7	16.0	14.4	12.2	10.6	11.4
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: P180536

CATALOG NUMBER: ICS-E03-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7	724.7
2.5°	727.0	727.0	727.7	727.7	728.5	729.2	730.8	730.0	730.0	730.8	730.8
5°	747.5	749.8	749.0	749.0	749.0	749.8	750.5	747.5	744.4	741.4	739.9
7.5°	783.2	784.7	786.2	784.7	786.2	785.5	783.9	775.6	765.7	753.6	745.2
10°	829.5	829.5	831.0	830.3	833.3	831.0	826.5	807.5	786.2	760.4	741.4
12.5°	879.7	885.0	882.7	883.5	889.5	883.5	872.8	844.7	806.7	765.0	731.5
15°	938.9	941.2	942.7	940.4	944.2	938.9	919.9	875.1	819.6	761.2	711.8
17.5°	987.5	988.3	989.0	990.6	995.9	989.8	957.1	896.4	822.7	743.7	678.4
20°	1025.5	1029.3	1032.3	1032.3	1039.9	1030.8	987.5	907.0	812.8	714.8	635.8
22.5°	1065.0	1068.0	1071.8	1072.6	1082.5	1073.4	1012.6	904.7	787.0	673.8	586.4
25°	1113.6	1116.7	1119.7	1123.5	1137.2	1124.3	1037.7	895.6	751.3	625.2	533.3
27.5°	1169.8	1176.7	1179.0	1185.0	1201.0	1181.2	1058.9	881.9	711.8	569.0	477.0
30°	1245.0	1253.4	1256.4	1264.8	1286.8	1243.5	1071.1	858.4	661.6	512.0	417.0
32.5°	1346.1	1357.5	1366.6	1375.7	1400.8	1305.8	1072.6	824.2	603.1	448.2	359.3
35°	1478.2	1495.7	1502.6	1508.6	1532.2	1373.4	1065.8	773.3	531.7	382.9	313.7
37.5°	1626.4	1643.8	1648.4	1651.4	1656.0	1431.1	1049.1	695.8	451.2	325.9	277.3
40°	1808.7	1823.9	1830.0	1825.4	1801.1	1476.0	1011.8	605.4	373.0	287.1	254.5
42.5°	2031.3	2054.0	2056.3	2035.8	1955.3	1501.0	937.4	499.1	311.4	259.0	237.0
45°	2307.0	2305.5	2292.6	2278.1	2123.2	1491.2	833.3	406.4	272.7	237.0	221.1
47.5°	2554.6	2528.8	2509.1	2466.5	2271.3	1433.4	698.9	336.5	249.2	220.3	207.4
50°	2757.5	2710.4	2668.6	2622.3	2381.4	1330.9	565.2	285.6	227.1	205.9	194.5
52.5°	2917.8	2860.8	2812.2	2766.6	2487.8	1216.9	463.4	248.4	205.9	191.4	180.0
55°	3168.4	3111.5	3034.0	2983.8	2650.4	1112.1	397.3	218.8	185.4	176.2	164.8
57.5°	3802.7	3752.6	3659.9	3530.0	3068.2	1072.6	360.1	196.0	168.6	163.3	154.2
60°	4910.3	4829.0	4708.2	4576.0	3917.4	1099.2	330.4	180.0	157.2	152.7	145.8
62.5°	5745.9	5603.1	5466.3	5344.0	4596.5	1098.4	291.7	167.9	148.9	146.6	139.8
65°	5780.0	5635.0	5497.5	5369.1	4611.7	977.6	246.1	157.2	147.4	146.6	135.2
67.5°	5473.2	5315.9	5183.0	5021.2	4269.1	764.2	197.5	150.4	153.4	151.9	133.7
70°	4971.8	4766.7	4657.3	4497.8	3757.1	534.8	162.6	152.7	166.4	161.8	136.0
72.5°	3902.2	3747.3	3580.9	3470.0	2941.3	338.0	136.7	154.2	171.7	164.1	142.1
75°	1452.4	1494.2	1425.8	1401.5	1494.2	198.3	121.5	143.6	153.4	142.1	129.1
77.5°	293.2	280.3	265.9	262.8	339.6	122.3	111.7	124.6	117.7	104.1	104.8
80°	140.5	136.7	132.2	131.4	126.1	101.8	103.3	106.3	88.9	80.5	85.8
82.5°	93.4	88.1	86.6	83.6	85.1	91.2	98.0	91.2	68.4	63.8	77.5
85°	43.3	41.8	41.0	41.0	45.6	82.0	81.3	66.8	47.1	45.6	77.5
87.5°	10.6	10.6	11.4	10.6	12.2	24.3	21.3	20.5	17.5	19.8	36.5
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: P180536

CATALOG NUMBER: ICS-E03-LED-E1-SL2-8030

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	724.7	724.7	724.7
2.5°	730.0	730.8	730.0
5°	736.8	736.8	736.8
7.5°	736.8	734.6	733.8
10°	726.2	719.4	719.4
12.5°	708.0	696.6	695.1
15°	673.8	658.6	656.3
17.5°	630.5	610.0	606.2
20°	581.9	556.1	551.5
22.5°	528.7	499.1	496.8
25°	476.3	445.9	439.8
27.5°	417.8	388.2	385.1
30°	359.3	333.5	332.0
32.5°	309.9	294.0	290.9
35°	275.0	265.9	262.1
37.5°	252.2	245.4	244.6
40°	234.7	228.6	227.9
42.5°	220.3	215.0	214.2
45°	205.9	201.3	199.8
47.5°	191.4	186.9	186.1
50°	178.5	172.4	171.7
52.5°	166.4	160.3	158.8
55°	155.0	148.9	148.9
57.5°	145.1	139.0	138.3
60°	136.0	129.9	129.1
62.5°	129.1	121.5	120.8
65°	123.8	116.2	114.7
67.5°	120.8	111.7	109.4
70°	126.1	109.4	105.6
72.5°	126.9	107.1	101.8
75°	122.3	101.0	97.2
77.5°	107.1	90.4	86.6
80°	92.7	69.9	64.6
82.5°	88.1	57.0	49.4
85°	68.4	37.2	34.9
87.5°	38.7	20.5	16.7
90°	0.0	0.0	0.0

(END OF REPORT)