

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: McGRAW-EDISON

Report Number: P227179

Luminaire Tested: **ISW-AF-800-LED-E1-SLL-7030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P227179  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35948)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: ISW-AF-800-LED-E1-SLL-7030  
Description: IMPACT ELITE LED WEDGE LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (16) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

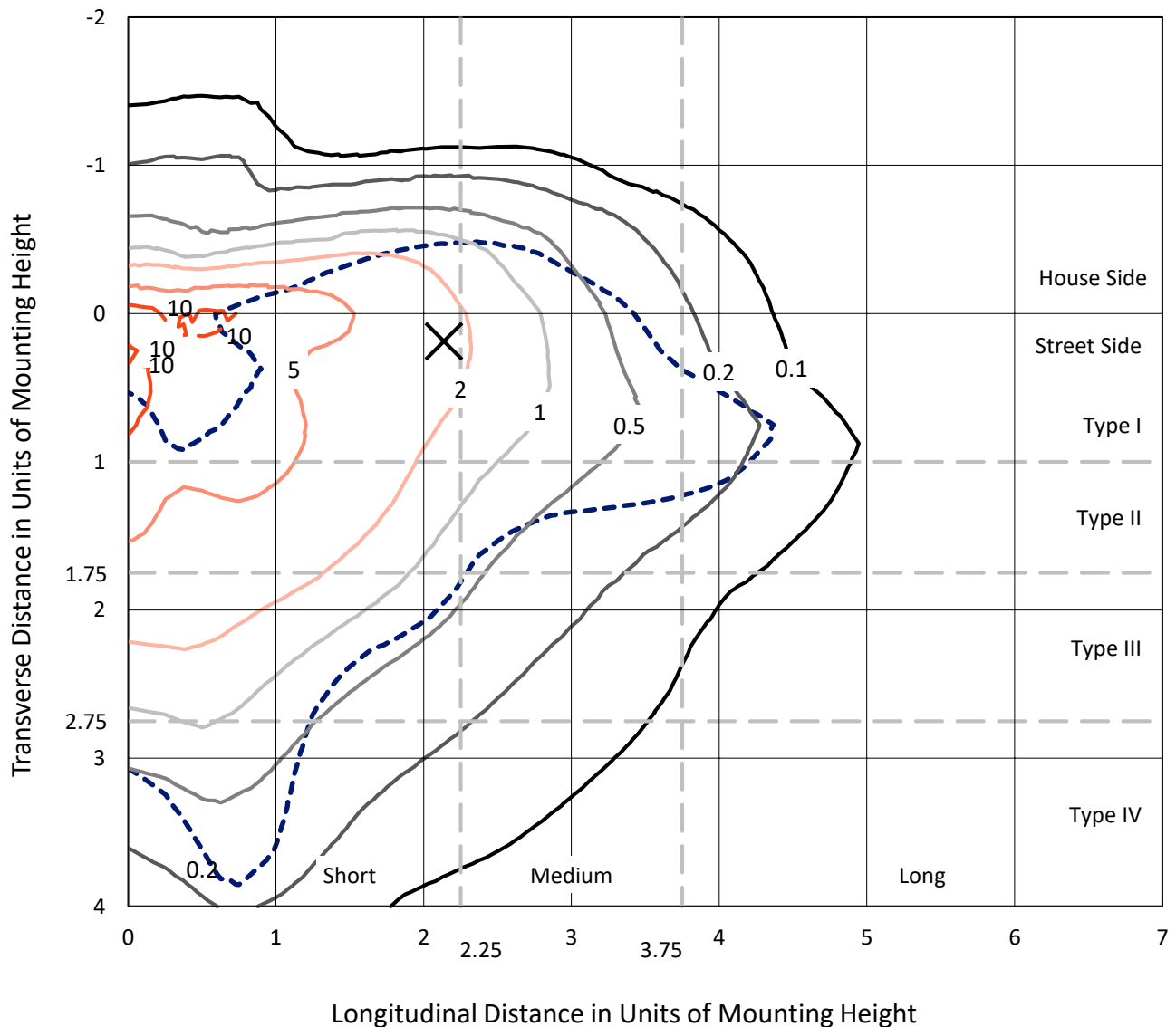
Lumens per Lamp: N/A  
Luminaire Lumens: 3910.4 lumens  
Efficiency: N/A  
Efficacy: 89.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U1 - G2  
  
Input Watts (W): 43.5  
Input Voltage (V): 120  
Input Current (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



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### Iso-Footcandle Lines of Horizontal Illumination

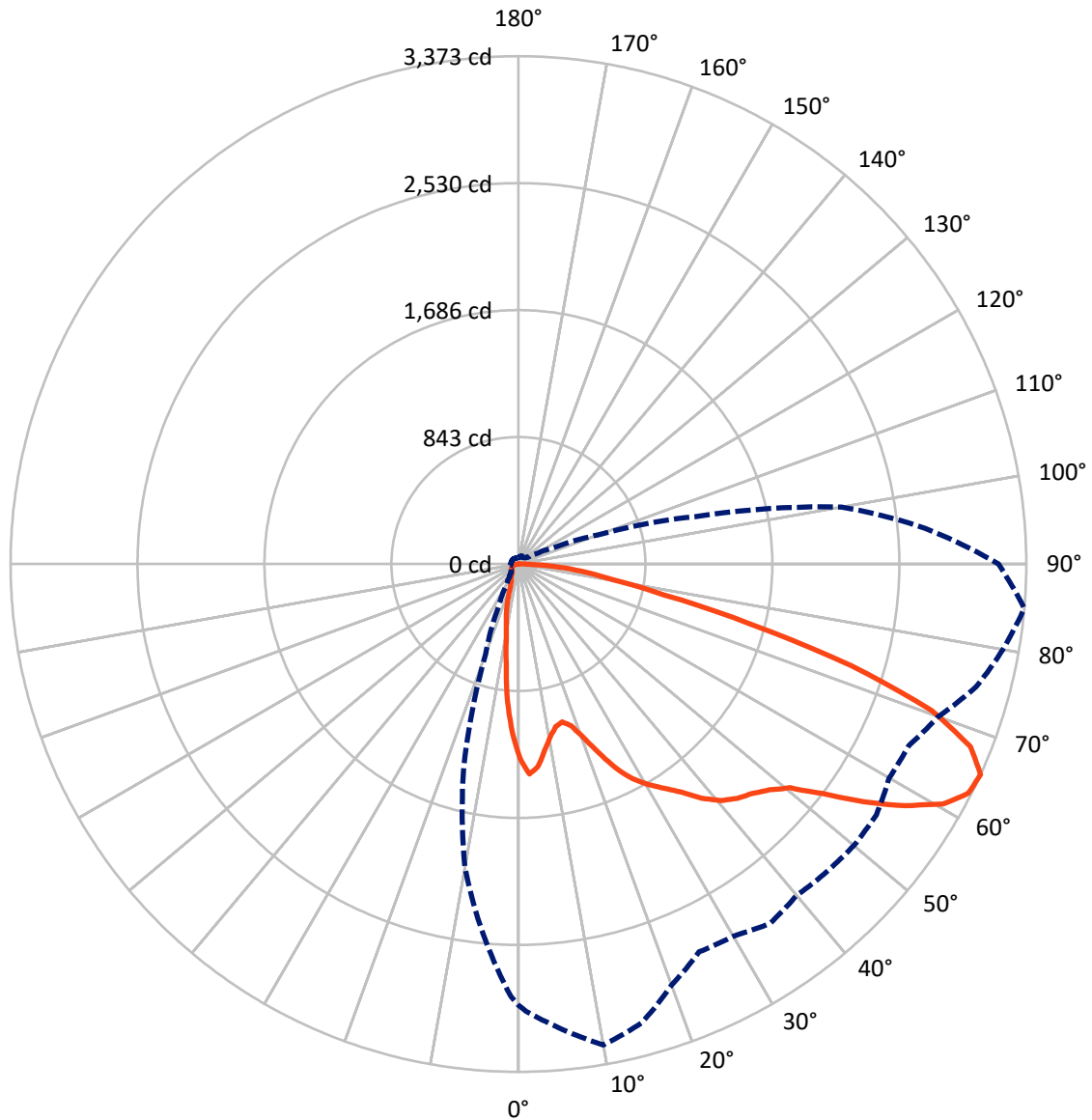
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.1 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 85-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	670.7	0.0	670.8
	% Fixture	17.2	0.0	17.2
<b>Street Side</b>	Lumens	3239.5	0.2	3239.6
	% Fixture	82.8	0.0	82.8
<b>Total</b>	Lumens	3910.2	0.2	3910.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	95.7	2.4
10°-20°	184.2	4.7
20°-30°	262.6	6.7
30°-40°	380.9	9.7
40°-50°	545.0	13.9
50°-60°	836.7	21.4
60°-70°	968.5	24.8
70°-80°	494.1	12.6
80°-90°	142.6	3.6
90°-100°	0.2	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°	3910.2	100.0
0°-180°	3910.4	100.0



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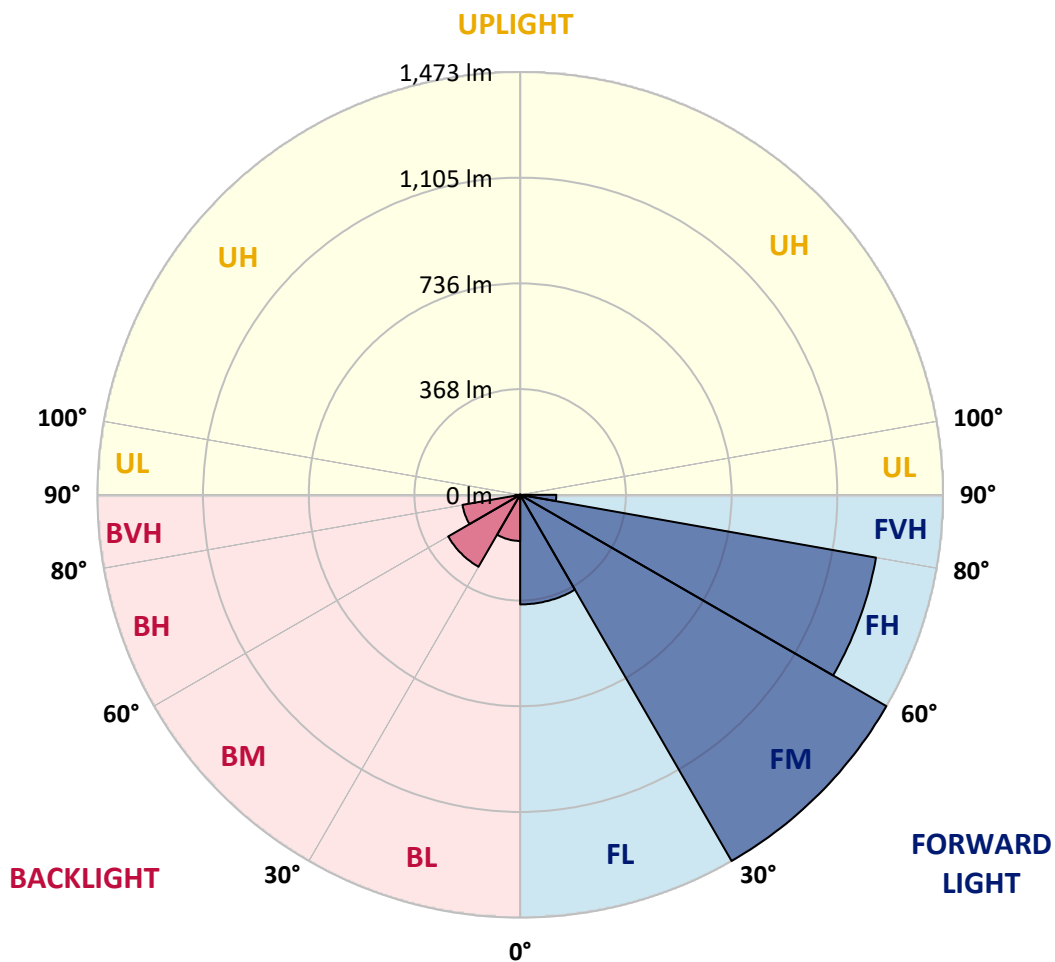
CATALOG NUMBER: ISW-AF-800-LED-E1-SLL-7030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	381.9	9.8			
FM	(30°-60°)	1473.0	37.7			
FH	(60°-80°)	1258.5	32.2			G1/1800
FVH	(80°-90°)	126.0	3.2			G2/225
BL	(0°-30°)	160.6	4.1	B1/500		
BM	(30°-60°)	289.6	7.4	B1/1000		
BH	(60°-80°)	204.0	5.2	B1/500		G1/500
BVH	(80°-90°)	16.6	0.4			G1/100
UL	(90°-100°)	0.2	0.0		U1/10	
UH	(100°-180°)	0.0	0.0		U1/10	

**BUG Rating: B1-U1-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8
2.5°	1337.2	1338.6	1357.0	1374.7	1397.1	1393.8	1412.3	1426.1	1438.6	1440.6	1449.8
5°	1255.6	1268.8	1310.3	1345.8	1390.5	1425.4	1462.9	1492.5	1514.3	1534.7	1537.3
7.5°	1141.1	1151.0	1199.0	1255.0	1319.5	1365.5	1422.1	1471.5	1506.4	1539.3	1546.5
10°	1043.1	1052.3	1105.6	1178.0	1234.6	1294.5	1353.0	1393.2	1438.6	1466.9	1480.7
12.5°	995.7	1006.9	1057.5	1123.4	1181.3	1239.2	1283.3	1318.2	1343.8	1349.1	1353.0
15°	1014.1	1020.0	1076.0	1134.5	1180.6	1209.6	1221.4	1242.5	1240.5	1251.0	1253.0
17.5°	1088.5	1085.8	1145.1	1185.9	1208.3	1205.0	1186.5	1175.3	1155.6	1149.7	1166.8
20°	1216.1	1225.4	1263.5	1288.5	1265.5	1212.2	1161.5	1126.6	1099.0	1089.8	1087.8
22.5°	1365.5	1377.4	1418.8	1405.7	1347.1	1249.7	1157.6	1101.6	1067.4	1057.5	1053.6
25°	1522.2	1530.1	1551.1	1506.4	1424.1	1297.8	1185.2	1106.9	1061.5	1047.0	1045.0
27.5°	1648.5	1656.4	1646.5	1595.2	1476.1	1351.7	1223.4	1130.6	1071.4	1056.9	1050.3
30°	1751.8	1755.8	1722.9	1659.0	1540.6	1411.6	1273.4	1172.1	1103.0	1070.1	1065.4
32.5°	1867.7	1865.0	1801.2	1713.0	1595.2	1465.6	1330.7	1218.8	1133.2	1093.1	1085.8
35°	1994.7	1971.6	1859.1	1766.3	1632.7	1507.0	1382.6	1268.1	1181.9	1128.6	1119.4
37.5°	2107.9	2084.2	1933.5	1808.4	1670.2	1539.3	1423.4	1332.0	1256.3	1207.6	1203.6
40°	2196.0	2167.1	1990.1	1836.7	1688.7	1563.0	1471.5	1412.3	1362.2	1322.8	1322.8
42.5°	2267.1	2235.5	2045.3	1869.6	1705.1	1599.2	1551.8	1531.4	1520.8	1499.1	1507.0
45°	2335.6	2303.3	2090.8	1890.7	1742.0	1669.6	1676.2	1693.9	1725.5	1713.0	1724.2
47.5°	2400.7	2369.1	2142.1	1924.3	1813.0	1795.9	1830.1	1901.2	1963.1	2011.8	2046.0
50°	2510.0	2472.4	2234.2	2023.0	1924.9	1933.5	2032.2	2171.7	2272.4	2317.1	2314.5
52.5°	2717.3	2663.9	2432.3	2207.2	2084.8	2132.2	2248.7	2424.4	2556.0	2590.9	2604.7
55°	2970.6	2928.5	2718.6	2451.4	2362.5	2379.0	2523.8	2722.5	2823.9	2860.1	2871.9
57.5°	3119.3	3108.2	2976.5	2712.6	2626.4	2619.9	2808.7	2971.3	3058.8	3093.0	3082.5
59°	3154.2	3157.5	3082.5	2897.6	2779.1	2764.6	2956.8	3107.5	3180.5	3191.1	3185.8
60°	3150.9	3169.4	3160.1	2998.9	2875.9	2857.4	3019.3	3162.8	3224.0	3240.4	3222.0
62.5°	3083.1	3114.7	3202.3	3185.2	3095.0	3000.9	3077.2	3181.2	3220.7	3204.9	3191.1
65°	2929.2	2970.6	3092.4	3243.7	3156.9	2975.2	2841.6	2853.5	2913.4	2873.9	2893.0
67.5°	2663.3	2710.7	2775.2	3118.7	2992.3	2687.6	2458.0	2345.4	2317.1	2355.3	2415.8
70°	2166.4	2197.4	2360.6	2846.2	2627.8	2209.2	1921.0	1770.9	1720.9	1809.1	1870.9
72.5°	1528.1	1574.2	1789.3	2355.3	2161.8	1769.6	1453.7	1315.5	1265.5	1269.5	1323.4
75°	929.9	992.4	1250.4	1862.4	1703.8	1355.7	1107.6	1008.2	993.1	984.5	975.3
77.5°	613.3	637.0	822.0	1285.2	1149.0	964.1	831.2	872.0	917.4	927.2	939.1
80°	415.9	423.2	533.1	901.6	756.8	712.1	671.9	768.0	854.2	870.0	861.4
82.5°	256.0	277.7	371.8	608.1	603.5	582.4	531.1	606.1	663.4	673.2	691.0
85°	88.8	92.8	228.4	537.0	613.3	619.9	437.6	345.5	388.3	381.0	273.8
87.5°	38.2	42.8	71.1	359.3	415.3	343.5	200.1	177.7	136.9	77.0	74.4
90°	2.6	2.6	2.0	3.3	9.9	6.6	5.9	2.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	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):**

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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):**

	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
0°	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8
2.5°	1447.8	1439.2	1444.5	1437.3	1425.4	1417.5	1408.3	1396.5	1382.6	1364.2	1345.8
5°	1531.4	1524.8	1508.3	1484.7	1451.7	1424.1	1391.2	1352.4	1320.1	1278.7	1239.8
7.5°	1538.6	1528.1	1497.8	1453.7	1403.0	1351.7	1312.9	1249.7	1208.9	1143.1	1099.0
10°	1472.8	1473.5	1443.2	1401.7	1349.1	1288.5	1232.6	1163.5	1103.6	1036.5	962.8
12.5°	1376.1	1385.3	1386.6	1349.7	1298.4	1234.6	1172.1	1106.2	1031.9	960.2	892.4
15°	1266.2	1292.5	1294.5	1285.2	1258.3	1204.3	1147.1	1087.8	1012.1	933.8	857.5
17.5°	1168.1	1193.1	1216.1	1237.2	1238.5	1212.9	1178.0	1127.3	1051.6	959.5	870.0
20°	1093.7	1120.7	1160.2	1199.0	1241.8	1255.0	1257.6	1225.4	1144.4	1031.9	910.8
22.5°	1062.8	1094.4	1134.5	1207.6	1283.3	1330.0	1356.3	1356.3	1271.4	1139.8	977.9
25°	1056.2	1081.9	1143.1	1233.9	1335.3	1416.9	1466.9	1500.4	1439.2	1278.7	1060.8
27.5°	1060.8	1095.7	1171.4	1264.2	1370.1	1474.8	1557.0	1615.6	1558.4	1373.4	1137.8
30°	1079.3	1131.3	1209.6	1305.6	1414.9	1525.5	1624.8	1699.2	1657.1	1459.6	1210.9
32.5°	1111.5	1174.7	1263.5	1350.4	1459.0	1578.8	1676.8	1774.9	1743.9	1519.5	1249.7
35°	1159.6	1233.9	1314.9	1402.4	1506.4	1626.1	1730.8	1859.1	1847.9	1594.6	1288.5
37.5°	1237.2	1313.5	1387.9	1462.9	1561.6	1678.1	1808.4	1972.3	1963.1	1705.8	1351.1
40°	1374.1	1418.8	1474.1	1522.2	1615.0	1726.2	1865.7	2065.7	2098.6	1801.2	1406.3
42.5°	1543.9	1570.2	1586.0	1599.2	1646.5	1751.2	1907.1	2128.3	2182.2	1872.3	1449.1
45°	1760.4	1752.5	1720.9	1690.6	1685.4	1765.7	1926.2	2174.3	2248.0	1941.4	1492.5
47.5°	2016.4	1999.3	1913.1	1813.7	1758.4	1792.0	1959.8	2242.1	2329.0	2032.2	1546.5
50°	2311.9	2271.7	2130.9	1963.1	1861.1	1866.3	2044.7	2336.2	2435.6	2150.6	1647.2
52.5°	2585.6	2513.9	2346.1	2124.3	1978.2	1996.0	2197.4	2531.0	2654.1	2346.7	1816.3
55°	2827.2	2735.0	2554.0	2311.2	2178.9	2209.9	2441.5	2789.0	2905.5	2580.4	1987.4
57.5°	3032.5	2934.4	2756.1	2542.2	2377.7	2403.3	2659.3	3028.5	3106.8	2790.3	2151.3
59°	3125.9	3029.2	2864.7	2667.2	2513.2	2567.2	2813.3	3147.6	3181.2	2871.2	2213.8
60°	3171.3	3074.6	2929.8	2737.0	2596.2	2667.2	2894.9	3237.8	3208.8	2883.1	2237.5
62.5°	3168.0	3100.3	3004.8	2873.2	2847.6	2966.0	3160.1	3353.6	3227.9	2848.9	2252.6
65°	2908.1	2902.2	2842.9	2858.1	2965.4	3148.3	3267.4	3372.7	3188.4	2712.6	2179.6
67.5°	2425.7	2450.1	2458.0	2550.8	2801.5	3112.1	3216.7	3237.1	3016.7	2421.1	1952.6
70°	1872.9	1819.0	1907.8	2071.7	2433.0	2833.1	2981.8	2910.7	2665.3	2027.6	1594.6
72.5°	1326.1	1341.8	1469.5	1682.1	2049.9	2464.5	2697.5	2309.9	2005.2	1517.6	1130.6
75°	997.7	1072.0	1133.9	1320.1	1665.0	2111.2	2303.3	1588.0	1306.3	1046.4	739.7
77.5°	956.2	950.3	902.9	942.4	1200.4	1478.7	1643.2	991.1	818.0	684.4	446.8
80°	883.8	833.1	746.9	708.8	756.1	949.6	1043.1	637.0	544.2	478.4	252.0
82.5°	685.7	651.5	560.7	558.1	630.4	674.5	717.3	451.4	409.3	387.6	154.7
85°	435.0	446.8	458.0	558.7	699.5	707.4	558.1	275.1	215.9	304.0	98.7
87.5°	129.0	209.9	254.7	432.4	630.4	632.4	419.9	90.2	80.9	94.8	57.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P227179

CATALOG NUMBER: ISW-AF-800-LED-E1-SLL-7030

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P227179

CATALOG NUMBER: ISW-AF-800-LED-E1-SLL-7030

**CANDELA DISTRIBUTION (continued):**

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8
2.5°	1326.7	1324.1	1305.6	1274.7	1277.4	1262.9	1244.4	1214.8	1208.9	1192.5	1189.8
5°	1206.9	1176.0	1135.9	1087.2	1068.7	1043.7	1018.1	999.6	976.6	955.5	983.8
7.5°	1047.0	1001.6	954.9	903.6	873.9	833.1	811.4	769.3	738.4	732.5	708.1
10°	913.4	856.2	802.9	756.8	701.5	663.4	635.7	612.7	591.6	566.0	550.2
12.5°	824.6	760.1	703.5	646.2	619.9	588.3	571.2	549.5	519.2	497.5	476.5
15°	784.4	714.7	652.8	602.8	564.6	535.0	504.8	478.4	445.5	421.2	396.8
17.5°	779.2	688.4	610.0	554.1	512.7	480.4	440.3	405.4	365.2	338.3	317.9
20°	785.1	668.6	570.6	497.5	455.4	398.8	361.3	318.5	279.0	243.5	211.2
22.5°	808.8	658.1	531.7	451.4	388.9	324.4	284.3	229.7	196.1	161.9	149.4
25°	841.0	651.5	498.2	400.8	321.8	258.0	203.3	157.9	142.8	134.3	129.6
27.5°	875.3	639.7	460.7	354.1	267.8	190.2	152.0	132.9	127.0	122.4	119.1
30°	900.9	616.6	414.6	304.0	213.2	162.5	135.6	123.1	119.1	113.8	110.6
32.5°	912.1	581.1	373.1	256.7	179.7	139.5	118.5	111.2	107.3	102.7	100.7
35°	910.1	540.9	352.1	238.2	164.5	123.7	104.0	99.4	94.1	89.5	84.9
37.5°	912.1	504.1	335.6	233.6	157.9	111.9	94.8	91.5	87.5	82.9	79.0
40°	920.0	483.7	327.7	223.8	152.7	107.3	87.5	84.2	83.6	78.3	75.0
42.5°	923.3	485.7	323.8	209.9	139.5	106.0	87.5	80.3	80.3	76.3	72.4
45°	919.4	500.1	326.4	202.0	129.6	99.4	92.1	80.3	78.3	75.0	71.1
47.5°	931.2	510.7	326.4	200.7	123.1	92.8	87.5	88.2	79.6	75.7	69.8
50°	979.9	520.5	319.8	198.7	121.1	86.2	82.9	86.9	89.5	77.0	70.4
52.5°	1066.1	533.1	312.6	195.5	118.5	80.9	77.0	81.6	91.5	80.9	70.4
55°	1154.3	555.4	308.0	190.2	114.5	77.7	69.8	78.3	83.6	80.3	69.8
57.5°	1248.4	579.8	303.4	177.7	105.3	74.4	67.1	68.4	75.0	77.7	67.8
59°	1276.7	591.6	299.4	168.5	97.4	71.7	65.2	63.2	67.1	74.4	66.5
60°	1297.1	592.3	294.8	160.6	92.8	70.4	63.8	61.2	62.5	76.3	67.1
62.5°	1299.1	591.6	280.3	144.1	83.6	67.8	61.9	58.6	57.3	63.8	68.4
65°	1217.5	564.0	254.0	135.6	84.2	65.2	58.6	55.9	53.3	54.6	59.2
67.5°	1064.8	492.9	226.4	137.5	88.8	63.2	55.9	53.3	51.3	50.0	52.0
70°	805.5	409.3	218.5	142.1	92.8	61.9	52.0	49.4	48.0	47.4	47.4
72.5°	558.1	336.9	209.9	145.4	96.1	61.2	48.0	45.4	44.8	44.1	44.1
75°	359.3	244.8	173.7	123.7	87.5	55.9	43.4	40.8	40.1	39.5	40.1
77.5°	212.6	171.1	127.7	86.9	63.8	44.8	37.5	35.5	35.5	35.5	36.2
80°	117.8	101.3	84.9	55.9	45.4	33.6	30.9	29.0	29.0	29.6	30.9
82.5°	70.4	55.9	48.0	35.5	30.9	23.7	23.0	21.7	22.4	23.0	24.3
85°	46.1	35.5	29.0	23.7	21.1	15.1	13.2	13.8	14.5	15.8	16.5
87.5°	25.7	19.7	15.8	13.8	12.5	6.6	5.3	5.3	6.6	7.9	9.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P227179  
 CATALOG NUMBER: ISW-AF-800-LED-E1-SLL-7030

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°
												70°
												72.5°
												75°
												77.5°
												80°
												82.5°
												85°
												87.5°
												90°
												92.5°
												95°
												97.5°
												100°
												102.5°
												105°
												107.5°



NUMBER: P227179  
 NUMBER: ISW-AF-800-LED-E1-SLL-7030

REPORT NUMBER: P  
 CATALOG NUMBER:

**DISTRIBUTION (continued):**

**CANDELA DISTRIBUTION**

160°	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	110°	160°
1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	110°	0.0
1199.0	1180.0	1159.6	1144.4	1151.0	1129.3	1131.3	1125.3	1122.7	1121.4	1107.6	112.5°	0.0
949.6	956.9	926.6	929.9	939.1	916.7	901.6	926.6	923.3	900.9	913.4	115°	0.0
684.4	686.4	672.6	641.6	641.6	658.1	664.0	675.9	683.8	711.4	694.3	117.5°	0.0
523.2	504.8	490.9	477.1	469.2	452.8	456.7	471.2	480.4	496.2	508.7	120°	0.0
454.7	434.3	410.0	388.9	377.7	362.6	352.7	349.4	352.7	342.9	343.5	122.5°	0.0
377.7	359.3	332.3	321.1	300.1	288.2	281.7	273.1	266.5	252.7	246.8	125°	0.0
292.8	268.5	240.9	240.9	225.7	215.9	213.2	211.2	207.3	200.1	192.8	127.5°	0.0
194.8	179.0	163.2	155.3	156.6	155.3	151.4	157.9	157.9	160.6	159.3	130°	0.0
142.1	139.5	133.6	129.0	126.4	125.7	126.4	128.3	132.3	135.6	138.9	132.5°	0.0
127.7	126.4	121.1	116.5	115.8	114.5	114.5	116.5	117.1	117.8	117.1	135°	0.0
118.5	115.8	111.2	107.9	106.6	106.0	106.6	104.6	103.3	104.0	103.3	137.5°	0.0
107.3	105.3	100.7	98.1	97.4	97.4	95.4	94.8	93.4	94.1	93.4	140°	0.0
98.7	96.1	91.5	88.2	88.2	87.5	88.2	87.5	86.9	86.2	86.2	142.5°	0.0
82.9	82.3	77.7	76.3	77.0	79.0	79.0	79.0	79.6	79.0	79.0	145°	0.0
77.0	76.3	71.7	68.4	67.8	67.8	67.8	69.1	71.1	71.7	73.0	147.5°	0.0
73.0	72.4	67.8	65.2	63.8	63.2	62.5	62.5	63.2	65.8	67.8	150°	0.0
70.4	69.1	64.5	61.2	60.5	59.9	59.2	59.2	59.2	59.9	61.9	152.5°	0.0
69.1	67.1	61.9	58.6	57.3	56.6	56.6	57.3	56.6	56.6	56.6	155°	0.0
67.1	65.8	60.5	56.6	55.3	55.3	54.6	54.6	54.6	53.3	53.3	157.5°	0.0
66.5	64.5	59.2	55.3	54.0	53.3	52.6	53.3	52.0	51.3	50.7	160°	0.0
65.2	62.5	56.6	53.3	52.6	51.3	50.7	50.7	50.7	49.4	49.4	162.5°	0.0
64.5	61.2	55.3	52.0	50.7	49.4	48.7	48.7	50.0	48.7	48.7	165°	0.0
63.8	59.2	53.3	49.4	48.7	47.4	46.7	47.4	49.4	48.0	47.4	167.5°	0.0
61.2	57.9	52.0	48.7	47.4	46.1	45.4	46.1	47.4	47.4	47.4	170°	0.0
59.9	56.6	50.7	47.4	46.7	45.4	44.8	44.8	46.7	46.7	46.1	172.5°	0.0
57.9	55.3	49.4	45.4	44.1	44.1	43.4	43.4	44.1	44.1	44.8	175°	0.0
55.3	54.0	48.0	43.4	42.8	42.1	42.1	42.1	42.1	43.4	43.4	177.5°	0.0
52.6	52.0	46.1	42.1	40.8	40.8	40.8	40.8	40.8	41.5	42.1	180°	0.0
48.7	48.7	43.4	39.5	38.8	38.2	38.2	38.2	38.2	38.8	39.5		
44.8	45.4	40.1	36.2	35.5	35.5	35.5	35.5	36.2	36.2	36.9		
40.8	41.5	36.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	33.6		
36.9	36.9	30.9	27.0	27.6	28.3	29.0	28.3	28.3	29.0	30.9		
31.6	30.9	25.7	22.4	22.4	23.7	24.3	23.7	24.3	24.3	27.0		
25.0	25.0	19.7	16.5	16.5	19.1	19.1	19.1	19.7	20.4	22.4		
19.1	18.4	13.8	11.2	11.2	13.2	13.8	14.5	15.1	15.8	17.1		
11.2	11.2	7.2	4.6	5.3	5.9	7.9	7.9	7.9	9.2	11.2		
0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

'227179  
 ISW-AF-800-LED-E1-SLL-7030

REPORT NUMBER: P227179  
 CATALOG NUMBER: ISW-AF-80

**TION (continued):**

**CANDELA DISTRIBUTION (con**

165°	170°	175°	180°	185°	190°	195°	200°	205°	210°		215°	220°
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0°	1291.8	1291.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1119.4	1118.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	918.7	912.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	712.1	733.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	513.3	528.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	357.3	365.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	246.1	261.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	191.5	193.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	157.9	159.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	140.2	142.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	117.8	120.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	104.0	106.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	95.4	96.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	86.9	86.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	79.6	80.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	74.4	75.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	69.8	70.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	63.2	64.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	57.3	57.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	53.3	53.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	50.7	51.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	49.4	50.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	48.7	50.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	48.7	49.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	48.0	48.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	48.0	49.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	46.1	47.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	44.8	46.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	42.8	44.8
										70°	40.8	42.8
										72.5°	38.2	40.8
										75°	35.5	37.5
										77.5°	32.2	34.2
										80°	28.3	29.0
										82.5°	23.7	23.7
										85°	17.8	15.8
										87.5°	9.9	10.5
										90°	0.0	0.0
										92.5°	0.0	0.0
										95°	0.0	0.0
										97.5°	0.0	0.0
										100°	0.0	0.0
										102.5°	0.0	0.0
										105°	0.0	0.0
										107.5°	0.0	0.0



REPORT NUMBER: P227179

CATALOG NUMBER: ISW-AF-800-LED-E1-

00-LED-E1-SLL-7030

**tinued):**

**CANDELA DISTRIBUTION (continued):**

225°	230°	235°	240°	245°	250°	255°	260°	265°		215°	220°	225°
1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	110°	0.0	0.0	0.0
1104.9	1104.9	1124.7	1126.6	1103.6	1109.5	1120.7	1107.6	1122.0	112.5°	0.0	0.0	0.0
927.2	919.4	920.0	914.7	924.0	913.4	924.6	920.7	917.4	115°	0.0	0.0	0.0
720.0	733.8	723.9	704.8	720.0	708.1	685.7	687.7	662.7	117.5°	0.0	0.0	0.0
540.9	531.1	525.8	516.6	492.3	496.9	471.9	475.8	484.4	120°	0.0	0.0	0.0
373.1	365.9	374.5	368.5	358.7	360.6	365.9	371.2	385.0	122.5°	0.0	0.0	0.0
261.9	258.6	256.7	260.6	271.8	277.7	286.3	302.1	310.0	125°	0.0	0.0	0.0
196.8	197.4	195.5	201.4	210.6	215.2	217.2	218.5	227.7	127.5°	0.0	0.0	0.0
162.5	165.2	164.5	166.5	163.9	161.2	163.2	159.3	156.0	130°	0.0	0.0	0.0
142.1	142.8	139.5	138.9	134.9	131.6	129.0	129.0	127.7	132.5°	0.0	0.0	0.0
120.4	121.1	117.8	117.8	117.1	119.1	117.8	115.2	114.5	135°	0.0	0.0	0.0
107.9	106.6	104.6	104.6	103.3	103.3	104.0	104.6	104.0	137.5°	0.0	0.0	0.0
96.7	95.4	94.8	95.4	94.8	95.4	96.1	95.4	96.1	140°	0.0	0.0	0.0
88.8	87.5	87.5	88.2	87.5	88.2	88.2	88.2	87.5	142.5°	0.0	0.0	0.0
82.3	80.9	80.9	80.9	80.3	79.0	77.7	75.7	73.7	145°	0.0	0.0	0.0
77.0	76.3	75.0	74.4	72.4	68.4	67.1	67.1	67.1	147.5°	0.0	0.0	0.0
72.4	71.1	70.4	67.8	65.2	63.8	63.8	63.8	63.8	150°	0.0	0.0	0.0
66.5	64.5	63.2	62.5	61.9	61.9	61.2	61.2	61.2	152.5°	0.0	0.0	0.0
59.2	58.6	58.6	59.2	59.2	59.2	59.2	58.6	59.2	155°	0.0	0.0	0.0
54.6	54.6	55.3	55.9	56.6	57.3	57.9	57.3	57.9	157.5°	0.0	0.0	0.0
52.6	52.6	52.6	54.0	54.6	55.3	56.6	56.6	56.6	160°	0.0	0.0	0.0
51.3	51.3	52.0	52.6	53.3	54.0	54.6	55.3	55.9	162.5°	0.0	0.0	0.0
50.7	51.3	50.7	51.3	52.0	53.3	54.0	54.0	54.6	165°	0.0	0.0	0.0
50.7	50.7	50.7	50.7	52.0	52.6	52.0	52.6	53.3	167.5°	0.0	0.0	0.0
50.7	50.7	50.0	50.7	51.3	52.0	51.3	51.3	52.6	170°	0.0	0.0	0.0
50.0	50.7	50.0	50.0	50.7	51.3	50.7	51.3	52.0	172.5°	0.0	0.0	0.0
48.7	49.4	48.7	49.4	49.4	50.0	50.0	50.0	50.7	175°	0.0	0.0	0.0
47.4	47.4	47.4	48.0	48.0	48.7	48.7	49.4	48.7	177.5°	0.0	0.0	0.0
46.1	46.1	46.1	46.7	46.7	47.4	48.0	47.4	47.4	180°	0.0	0.0	0.0
44.8	44.1	43.4	44.1	44.8	44.8	45.4	44.8	45.4				
42.8	42.1	41.5	41.5	42.1	42.1	42.8	42.1	42.1				
39.5	39.5	38.2	38.2	38.2	38.2	38.8	38.2	37.5				
35.5	35.5	34.2	34.2	34.2	34.2	33.6	33.6	33.6				
29.6	30.3	30.3	29.6	29.6	29.0	29.0	28.3	27.6				
22.4	23.7	24.3	24.3	24.3	24.3	24.3	23.0	21.7				
15.8	17.8	19.7	19.7	19.1	19.1	19.1	17.1	15.1				
9.9	11.8	12.5	13.8	11.8	11.2	11.2	9.9	9.2				
0.0	0.0	1.3	0.7	2.0	2.0	2.6	1.3	0.7				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				



REPORT NUMBER: P227179

CATALOG NUMBER: ISW-AF-800-LED-E1-SLL-7030

SLL-7030

**CANDELA DISTRIBUTION (continued):**

230°	235°	240°	245°	250°	255°	260°	265°		270°	275°	280°	285°
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0°	1291.8	1291.8	1291.8	1291.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1109.5	1133.9	1137.2	1140.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	912.1	936.5	922.6	928.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	666.0	650.2	670.6	683.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	486.3	504.8	512.7	527.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	403.4	415.3	429.7	452.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	327.1	335.6	354.1	376.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	238.2	250.7	262.6	281.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	159.9	165.2	179.7	188.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	128.3	130.3	132.9	140.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	115.2	116.5	118.5	121.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	104.6	105.3	107.3	108.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	95.4	94.8	95.4	97.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	85.6	85.6	86.9	86.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	73.7	73.0	74.4	76.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	67.8	68.4	69.8	71.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	64.5	65.2	66.5	67.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	61.2	62.5	63.8	65.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	59.2	60.5	62.5	64.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	58.6	59.9	61.9	64.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	57.3	59.2	61.2	63.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	57.3	58.6	60.5	63.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	55.3	57.3	59.2	62.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	54.0	55.3	57.9	61.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	53.3	54.6	57.3	61.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	52.0	54.0	56.6	60.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	50.7	52.6	55.3	59.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	48.7	51.3	54.0	56.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	47.4	48.7	51.3	54.0
								70°	44.8	46.1	48.0	50.0
								72.5°	41.5	42.1	43.4	45.4
								75°	36.9	37.5	38.2	40.1
								77.5°	32.2	32.2	32.9	35.5
								80°	27.0	27.0	27.6	29.0
								82.5°	20.4	20.4	21.7	23.7
								85°	14.5	13.8	15.8	17.1
								87.5°	8.6	7.9	8.6	8.6
								90°	0.7	2.0	1.3	1.3
								92.5°	0.0	0.0	0.0	0.0
								95°	0.0	0.0	0.0	0.0
								97.5°	0.0	0.0	0.0	0.0
								100°	0.0	0.0	0.0	0.0
								102.5°	0.0	0.0	0.0	0.0
								105°	0.0	0.0	0.0	0.0
								107.5°	0.0	0.0	0.0	0.0





REPORT NUMBER: P227179

CATALOG NUMBER: ISW-AF-800-LED-E1-SLL-7030

**CANDELA DISTRIBUTION (continued):**

290°	295°	300°	305°	310°	315°	320°		270°	275°	280°	285°	290°
1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8	110°	0.0	0.0	0.0	0.0	0.0
1153.6	1147.1	1152.3	1172.7	1180.0	1189.2	1220.1	112.5°	0.0	0.0	0.0	0.0	0.0
943.0	951.6	943.0	984.5	986.5	1014.1	1025.3	115°	0.0	0.0	0.0	0.0	0.0
693.0	704.2	722.6	750.2	758.1	797.6	831.2	117.5°	0.0	0.0	0.0	0.0	0.0
540.9	555.4	581.1	598.2	615.3	638.3	665.3	120°	0.0	0.0	0.0	0.0	0.0
480.4	495.5	517.9	539.6	564.0	581.8	604.1	122.5°	0.0	0.0	0.0	0.0	0.0
401.4	425.1	446.8	475.1	495.5	527.8	554.1	125°	0.0	0.0	0.0	0.0	0.0
306.7	339.6	361.3	395.5	426.4	454.7	490.3	127.5°	0.0	0.0	0.0	0.0	0.0
213.2	238.9	266.5	303.4	343.5	382.4	429.7	130°	0.0	0.0	0.0	0.0	0.0
146.8	160.6	181.6	219.8	261.3	317.2	368.5	132.5°	0.0	0.0	0.0	0.0	0.0
125.0	130.3	138.2	156.6	191.5	252.7	309.3	135°	0.0	0.0	0.0	0.0	0.0
111.2	115.2	120.4	129.6	148.1	190.2	252.7	137.5°	0.0	0.0	0.0	0.0	0.0
102.0	106.6	111.9	118.5	128.3	157.3	204.0	140°	0.0	0.0	0.0	0.0	0.0
89.5	92.8	97.4	104.6	111.9	134.9	180.3	142.5°	0.0	0.0	0.0	0.0	0.0
79.0	82.9	88.8	94.1	101.3	119.8	163.9	145°	0.0	0.0	0.0	0.0	0.0
73.7	77.7	82.9	87.5	92.8	107.9	152.0	147.5°	0.0	0.0	0.0	0.0	0.0
70.4	74.4	79.6	83.6	86.9	104.0	147.4	150°	0.0	0.0	0.0	0.0	0.0
68.4	73.0	77.7	80.3	86.9	106.0	136.2	152.5°	0.0	0.0	0.0	0.0	0.0
67.8	72.4	77.7	82.3	95.4	100.0	129.0	155°	0.0	0.0	0.0	0.0	0.0
68.4	72.4	79.0	92.1	92.8	94.8	121.1	157.5°	0.0	0.0	0.0	0.0	0.0
68.4	74.4	88.2	96.1	88.2	89.5	113.8	160°	0.0	0.0	0.0	0.0	0.0
69.1	77.0	91.5	89.5	85.6	83.6	106.0	162.5°	0.0	0.0	0.0	0.0	0.0
69.1	75.7	87.5	84.2	79.0	79.6	96.7	165°	0.0	0.0	0.0	0.0	0.0
67.1	75.7	84.2	76.3	72.4	75.7	88.8	167.5°	0.0	0.0	0.0	0.0	0.0
65.8	77.7	75.0	70.4	70.4	73.7	84.9	170°	0.0	0.0	0.0	0.0	0.0
65.2	79.6	71.1	68.4	68.4	73.0	82.9	172.5°	0.0	0.0	0.0	0.0	0.0
63.2	74.4	65.2	63.8	65.8	69.1	80.3	175°	0.0	0.0	0.0	0.0	0.0
59.2	61.9	59.9	59.9	62.5	66.5	79.0	177.5°	0.0	0.0	0.0	0.0	0.0
54.6	55.9	55.9	56.6	59.2	62.5	80.3	180°	0.0	0.0	0.0	0.0	0.0
50.7	50.7	52.0	52.6	54.6	59.2	77.0						
46.1	46.7	46.7	48.0	49.4	54.0	74.4						
40.8	40.8	42.1	42.1	44.1	48.7	66.5						
35.5	35.5	35.5	36.2	37.5	42.1	54.6						
29.6	29.6	29.6	30.3	30.9	34.9	41.5						
23.7	23.0	22.4	22.4	23.7	27.0	32.2						
16.5	16.5	15.8	15.8	15.8	17.8	21.7						
9.2	7.9	8.6	9.2	8.6	9.9	11.8						
0.7	1.3	2.0	2.6	2.6	2.6	3.9						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	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):**

295°	300°	305°	310°	315°	320°		325°	330°	335°	340°	345°	350°
0.0	0.0	0.0	0.0	0.0	0.0	0°	1291.8	1291.8	1291.8	1291.8	1291.8	1291.8
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1216.1	1233.3	1260.2	1265.5	1287.2	1302.4
0.0	0.0	0.0	0.0	0.0	0.0	5°	1030.6	1071.4	1085.8	1114.1	1163.5	1188.5
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	850.3	881.2	916.1	961.5	997.7	1040.4
0.0	0.0	0.0	0.0	0.0	0.0	10°	699.5	743.6	789.0	825.9	876.6	927.9
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	621.2	645.6	690.3	742.3	805.5	862.8
0.0	0.0	0.0	0.0	0.0	0.0	15°	580.4	609.4	657.4	712.7	779.8	850.9
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	529.8	575.8	630.4	709.4	796.3	895.0
0.0	0.0	0.0	0.0	0.0	0.0	20°	479.7	535.7	607.4	711.4	831.8	960.2
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	435.7	502.1	592.9	723.2	877.2	1048.3
0.0	0.0	0.0	0.0	0.0	0.0	25°	383.7	472.5	581.8	747.6	947.0	1166.8
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	342.2	444.2	565.3	768.6	1010.8	1280.6
0.0	0.0	0.0	0.0	0.0	0.0	30°	296.1	411.3	542.3	775.9	1088.5	1374.1
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	259.3	380.4	515.9	769.3	1123.4	1439.2
0.0	0.0	0.0	0.0	0.0	0.0	35°	241.5	358.0	493.6	746.3	1152.3	1509.7
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	229.7	333.7	471.9	708.1	1185.2	1579.4
0.0	0.0	0.0	0.0	0.0	0.0	40°	214.5	314.6	454.1	680.5	1210.9	1637.3
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	200.7	297.5	440.3	656.1	1217.5	1689.3
0.0	0.0	0.0	0.0	0.0	0.0	45°	188.9	286.9	429.7	657.4	1222.1	1761.7
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	179.7	277.1	425.8	679.8	1270.8	1862.4
0.0	0.0	0.0	0.0	0.0	0.0	50°	171.1	268.5	419.2	723.2	1349.1	1998.6
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	161.2	256.7	410.6	768.0	1434.6	2180.9
0.0	0.0	0.0	0.0	0.0	0.0	55°	148.1	240.9	401.4	805.5	1551.1	2402.7
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	127.7	222.4	395.5	824.6	1622.8	2530.4
0.0	0.0	0.0	0.0	0.0	0.0	59°	117.1	204.7	392.2	815.4	1641.9	2552.1
0.0	0.0	0.0	0.0	0.0	0.0	60°	111.2	194.1	387.0	804.2	1647.2	2538.3
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	103.3	169.1	365.2	748.2	1573.5	2371.1
0.0	0.0	0.0	0.0	0.0	0.0	65°	105.3	159.9	315.9	637.0	1404.4	2044.7
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	107.9	156.0	273.1	514.6	1119.4	1691.9
						70°	106.0	154.0	248.1	409.3	838.4	1266.8
						72.5°	103.3	145.4	215.2	329.0	531.7	887.1
						75°	91.5	122.4	169.1	225.7	335.6	646.2
						77.5°	71.7	94.1	119.8	140.2	170.4	456.1
						80°	52.6	68.4	78.3	84.2	94.8	311.3
						82.5°	37.5	46.1	50.0	53.3	63.2	233.0
						85°	28.3	32.2	34.9	34.9	42.8	164.5
						87.5°	15.8	16.5	16.5	17.8	21.1	44.8
						90°	4.6	4.6	3.9	4.6	3.3	2.6
						92.5°	0.0	0.0	0.0	0.0	0.0	0.0
						95°	0.0	0.0	0.0	0.0	0.0	0.0
						97.5°	0.0	0.0	0.0	0.0	0.0	0.0
						100°	0.0	0.0	0.0	0.0	0.0	0.0
						102.5°	0.0	0.0	0.0	0.0	0.0	0.0
						105°	0.0	0.0	0.0	0.0	0.0	0.0
						107.5°	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
1291.8	1291.8	1291.8	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1319.5	1329.3	1337.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1226.7	1251.0	1255.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1087.8	1127.3	1141.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
985.8	1028.6	1043.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
929.9	979.9	995.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
931.2	991.1	1014.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
991.7	1060.2	1088.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1095.7	1195.1	1216.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1236.6	1333.9	1365.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1368.8	1497.8	1522.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1499.1	1626.8	1648.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1599.8	1733.4	1751.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1696.6	1847.3	1867.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1804.5	1971.0	1994.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1901.9	2092.7	2107.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009.8	2192.1	2196.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2098.0	2265.8	2267.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2183.5	2334.9	2335.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2273.0	2410.6	2400.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2414.5	2500.1	2510.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2629.7	2706.1	2717.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2879.8	2985.8	2970.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2985.8	3106.8	3119.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2968.0	3133.2	3154.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2939.7	3125.3	3150.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2779.1	3043.0	3083.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2509.3	2872.6	2929.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2162.5	2617.9	2663.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1687.3	2127.6	2166.4								
1121.4	1461.0	1528.1								
712.7	942.4	929.9								
525.8	612.7	613.3								
381.7	420.5	415.9								
295.5	256.7	256.0								
103.3	90.8	88.8								
44.8	37.5	38.2								
2.0	2.0	2.6								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								

