

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: P271655

Luminaire Tested: **IST-AF-800-LED-E1-SLL-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271655
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: IST-AF-800-LED-E1-SLL-7027
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (16) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3838 lumens
Efficiency: N/A
Efficacy: 88.2 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

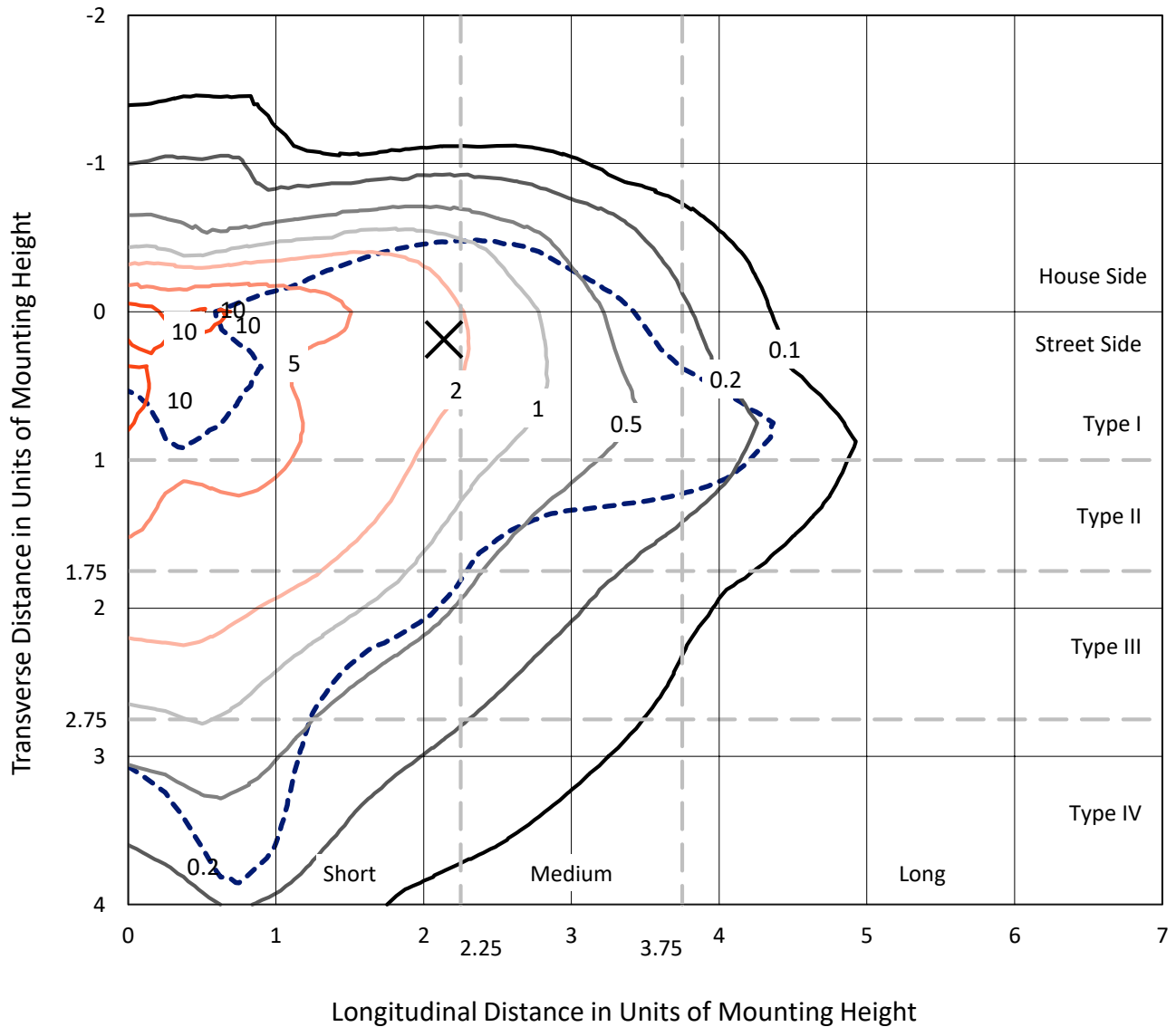
Input Watts (W): 43.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P271655
 CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

Iso-Footcandle Lines of Horizontal Illumination

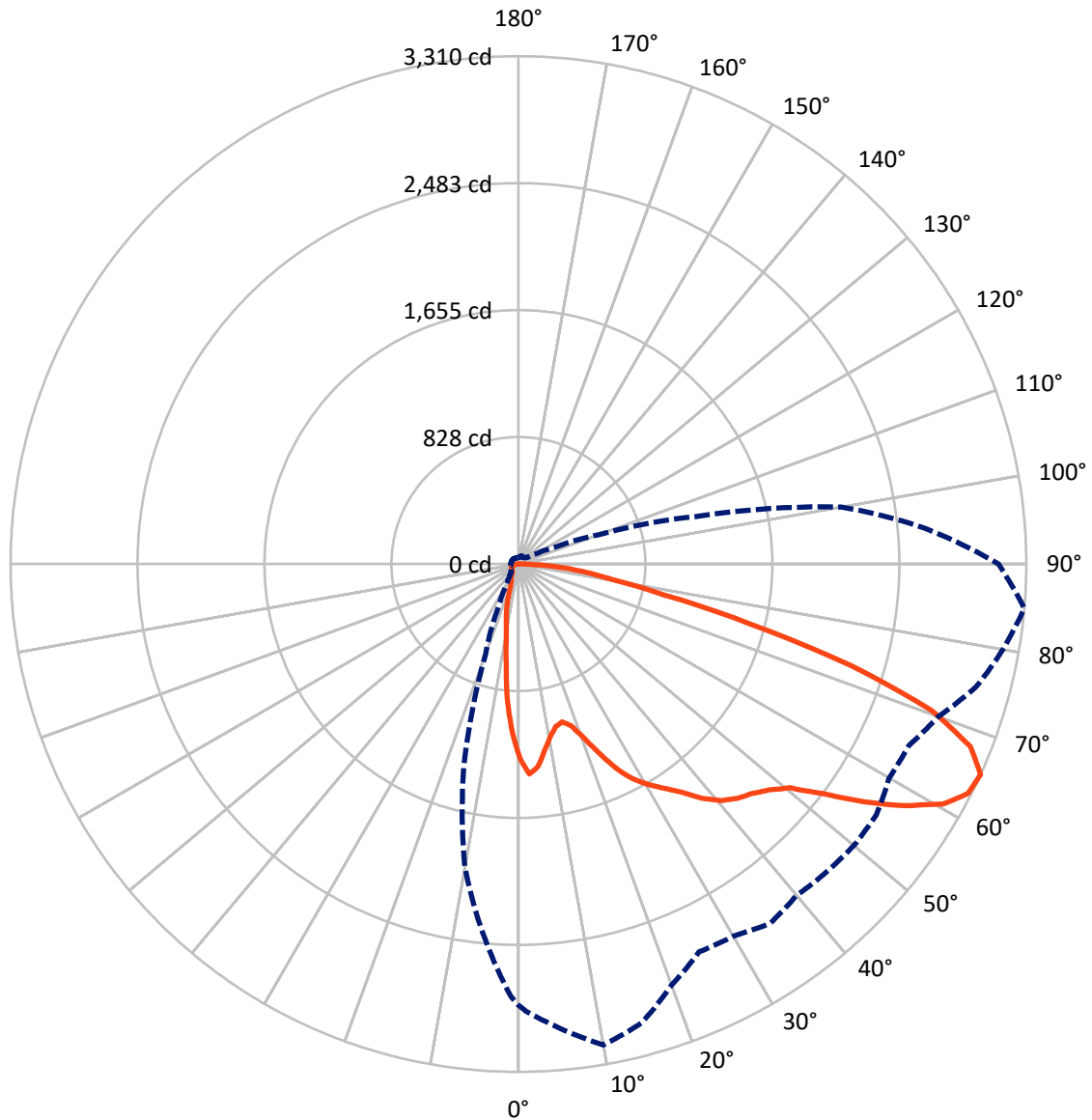
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.9 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P271655
CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

Luminous Intensity Polar Plot



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

REPORT NUMBER: P271655

CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

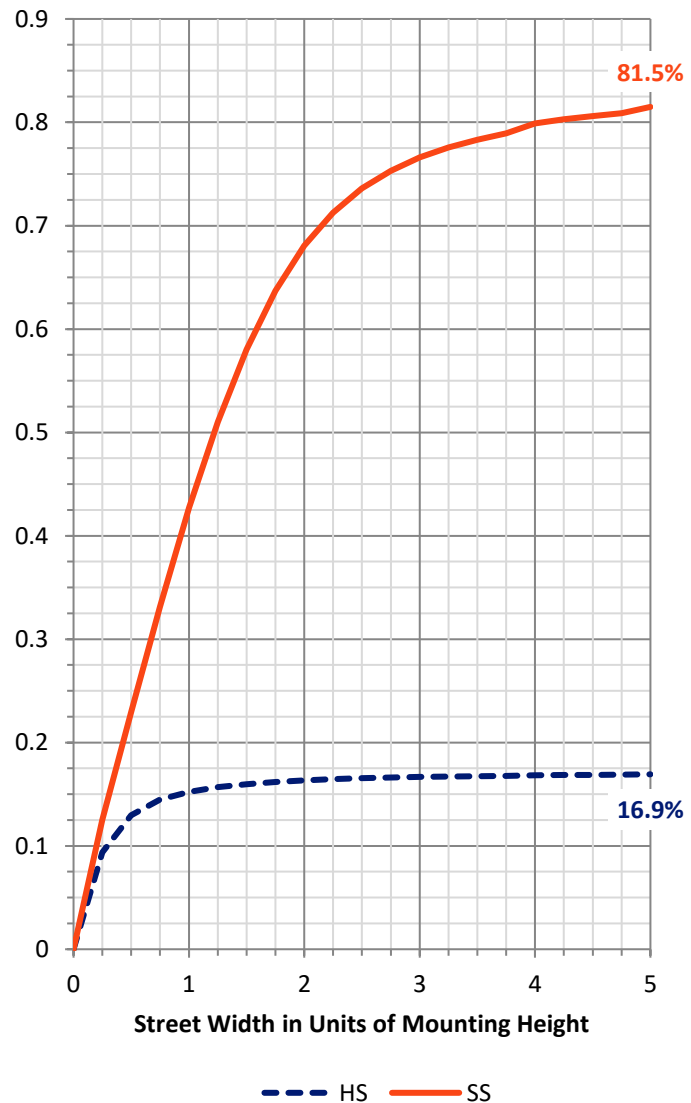
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	658.3	0.0	658.4
	% Fixture	17.2	0.0	17.2
Street Side	Lumens	3179.5	0.1	3179.6
	% Fixture	82.8	0.0	82.8
Total	Lumens	3837.8	0.2	3838.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.9	2.4
10°-20°	180.7	4.7
20°-30°	257.7	6.7
30°-40°	373.9	9.7
40°-50°	534.9	13.9
50°-60°	821.2	21.4
60°-70°	950.5	24.8
70°-80°	484.9	12.6
80°-90°	140.0	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°	3837.8	100.0
0°-180°	3838.0	100.0



REPORT NUMBER: P271655

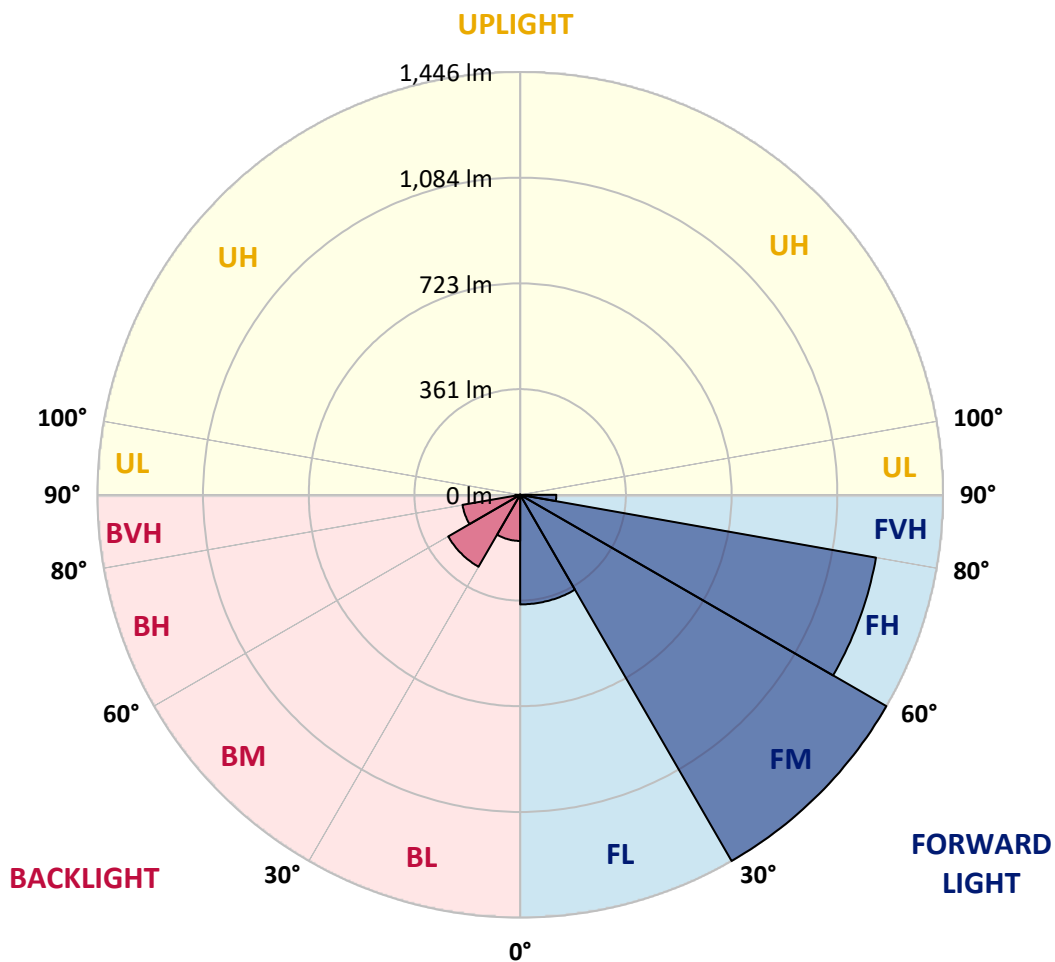
CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	374.8	9.8			
FM	(30°-60°)	1445.7	37.7			
FH	(60°-80°)	1235.2	32.2			G1/1800
FVH	(80°-90°)	123.7	3.2			G2/225
BL	(0°-30°)	157.6	4.1	B1/500		
BM	(30°-60°)	284.3	7.4	B1/1000		
BH	(60°-80°)	200.2	5.2	B1/500		G1/500
BVH	(80°-90°)	16.3	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





REPORT NUMBER: P271655

CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9
2.5°	1312.4	1313.8	1331.8	1349.3	1371.3	1368.0	1386.2	1399.6	1412.0	1413.9	1422.9
5°	1232.4	1245.3	1286.0	1320.9	1364.7	1399.0	1435.9	1464.9	1486.2	1506.3	1508.8
7.5°	1120.0	1129.7	1176.8	1231.8	1295.1	1340.2	1395.8	1444.3	1478.5	1510.8	1517.9
10°	1023.8	1032.8	1085.2	1156.2	1211.7	1270.6	1328.0	1367.4	1412.0	1439.7	1453.3
12.5°	977.3	988.2	1037.9	1102.6	1159.4	1216.2	1259.5	1293.8	1318.9	1324.1	1328.0
15°	995.3	1001.1	1056.0	1113.4	1158.7	1187.2	1198.8	1219.4	1217.6	1227.8	1229.8
17.5°	1068.4	1065.7	1123.9	1163.9	1185.9	1182.7	1164.6	1153.5	1134.2	1128.5	1145.2
20°	1193.6	1202.7	1240.1	1264.6	1242.1	1189.7	1139.9	1105.7	1078.7	1069.6	1067.6
22.5°	1340.2	1351.9	1392.6	1379.7	1322.1	1226.5	1136.2	1081.2	1047.6	1037.9	1034.1
25°	1494.0	1501.8	1522.4	1478.5	1397.8	1273.8	1163.2	1086.4	1041.9	1027.6	1025.7
27.5°	1617.9	1625.8	1616.1	1565.7	1448.8	1326.7	1200.8	1109.7	1051.6	1037.4	1030.9
30°	1719.4	1723.3	1691.0	1628.3	1512.0	1385.5	1249.8	1150.4	1082.5	1050.3	1045.6
32.5°	1833.1	1830.5	1767.9	1681.3	1565.7	1438.5	1306.0	1196.3	1112.2	1072.8	1065.7
35°	1957.8	1935.1	1824.6	1733.5	1602.5	1479.1	1357.0	1244.6	1160.0	1107.7	1098.6
37.5°	2068.9	2045.6	1897.7	1774.9	1639.2	1510.8	1397.0	1307.3	1233.0	1185.2	1181.3
40°	2155.3	2127.0	1953.3	1802.7	1657.5	1534.0	1444.3	1386.2	1336.9	1298.3	1298.3
42.5°	2225.1	2194.1	2007.4	1835.0	1673.5	1569.6	1523.1	1503.0	1492.6	1471.3	1479.1
45°	2292.4	2260.7	2052.1	1855.7	1709.7	1638.7	1645.2	1662.5	1693.6	1681.3	1692.2
47.5°	2356.3	2325.3	2102.4	1888.7	1779.5	1762.7	1796.3	1866.0	1926.8	1974.6	2008.1
50°	2463.5	2426.6	2192.9	1985.5	1889.2	1897.7	1994.6	2131.5	2230.3	2274.1	2271.6
52.5°	2667.0	2614.6	2387.2	2166.4	2046.2	2092.7	2207.0	2379.5	2508.7	2542.9	2556.5
55°	2915.6	2874.3	2668.2	2406.0	2318.7	2335.0	2477.1	2672.1	2771.6	2807.1	2818.7
57.5°	3061.5	3050.6	2921.4	2662.4	2577.8	2571.4	2756.7	2916.3	3002.1	3035.7	3025.4
59°	3095.8	3099.1	3025.4	2843.9	2727.6	2713.4	2902.1	3049.9	3121.6	3132.0	3126.8
60°	3092.5	3110.7	3101.6	2943.4	2822.7	2804.5	2963.4	3104.3	3164.3	3180.4	3162.3
62.5°	3026.0	3057.0	3143.0	3126.2	3037.7	2945.4	3020.2	3122.3	3161.0	3145.5	3132.0
65°	2874.9	2915.6	3035.1	3183.6	3098.4	2920.1	2789.0	2800.6	2859.5	2820.7	2839.5
67.5°	2614.0	2660.5	2723.8	3061.0	2936.9	2637.9	2412.5	2302.0	2274.1	2311.7	2371.1
70°	2126.3	2156.7	2316.9	2793.5	2579.1	2168.3	1885.5	1738.1	1689.0	1775.6	1836.2
72.5°	1499.8	1545.1	1756.2	2311.7	2121.8	1736.9	1426.8	1291.1	1242.1	1245.9	1298.9
75°	912.7	974.0	1227.3	1827.9	1672.3	1330.6	1087.1	989.6	974.8	966.3	957.2
77.5°	602.0	625.2	806.8	1261.4	1127.7	946.3	815.8	855.8	900.4	910.1	921.8
80°	408.2	415.4	523.3	884.9	742.8	698.9	659.4	753.8	838.4	853.9	845.5
82.5°	251.3	272.5	364.9	596.8	592.3	571.6	521.3	594.9	651.1	660.7	678.2
85°	87.1	91.1	224.1	527.0	602.0	608.4	429.5	339.1	381.2	374.0	268.8
87.5°	37.5	42.0	69.8	352.7	407.7	337.1	196.4	174.5	134.4	75.5	73.0
90°	2.5	2.5	2.0	3.2	9.7	6.5	5.7	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



REPORT NUMBER: P271655

CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

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



REPORT NUMBER: P271655

CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
0°	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9
2.5°	1421.0	1412.6	1417.7	1410.7	1399.0	1391.3	1382.2	1370.6	1357.0	1338.9	1320.9
5°	1503.0	1496.6	1480.4	1457.2	1424.8	1397.8	1365.4	1327.3	1295.6	1255.0	1216.8
7.5°	1510.1	1499.8	1470.1	1426.8	1377.0	1326.7	1288.6	1226.5	1186.5	1121.9	1078.7
10°	1445.6	1446.2	1416.4	1375.8	1324.1	1264.6	1209.7	1141.9	1083.2	1017.3	944.9
12.5°	1350.6	1359.7	1360.9	1324.7	1274.3	1211.7	1150.4	1085.7	1012.7	942.4	875.8
15°	1242.7	1268.6	1270.6	1261.4	1235.0	1182.0	1125.8	1067.6	993.3	916.5	841.6
17.5°	1146.5	1171.0	1193.6	1214.3	1215.6	1190.4	1156.2	1106.4	1032.2	941.7	853.9
20°	1073.5	1100.0	1138.7	1176.8	1218.8	1231.8	1234.3	1202.7	1123.2	1012.7	893.9
22.5°	1043.1	1074.1	1113.4	1185.2	1259.5	1305.3	1331.2	1331.2	1247.8	1118.7	959.7
25°	1036.6	1061.9	1121.9	1211.1	1310.5	1390.7	1439.7	1472.6	1412.6	1255.0	1041.1
27.5°	1041.1	1075.5	1149.7	1240.8	1344.8	1447.5	1528.2	1585.7	1529.5	1348.0	1116.8
30°	1059.3	1110.3	1187.2	1281.4	1388.7	1497.3	1594.7	1667.7	1626.4	1432.5	1188.5
32.5°	1090.9	1153.0	1240.1	1325.4	1432.0	1549.6	1645.8	1742.0	1711.6	1491.4	1226.5
35°	1138.2	1211.1	1290.5	1376.5	1478.5	1596.0	1698.8	1824.6	1813.7	1565.0	1264.6
37.5°	1214.3	1289.2	1362.2	1435.9	1532.7	1647.0	1774.9	1935.8	1926.8	1674.2	1326.1
40°	1348.6	1392.6	1446.8	1494.0	1585.1	1694.2	1831.1	2027.5	2059.7	1767.9	1380.2
42.5°	1515.4	1541.1	1556.7	1569.6	1616.1	1718.7	1871.8	2088.9	2141.8	1837.7	1422.3
45°	1727.8	1720.1	1689.0	1659.3	1654.2	1733.0	1890.6	2134.0	2206.3	1905.5	1464.9
47.5°	1979.1	1962.3	1877.6	1780.1	1725.8	1758.8	1923.5	2200.6	2285.8	1994.6	1517.9
50°	2269.1	2229.6	2091.4	1926.8	1826.6	1831.7	2006.8	2292.9	2390.5	2110.7	1616.7
52.5°	2537.7	2467.4	2302.6	2085.0	1941.6	1959.0	2156.7	2484.2	2604.9	2303.3	1782.7
55°	2774.9	2684.3	2506.7	2268.4	2138.5	2169.0	2396.3	2737.3	2851.7	2532.6	1950.6
57.5°	2976.4	2880.1	2705.1	2495.1	2333.7	2358.8	2610.0	2972.4	3049.3	2738.7	2111.5
59°	3068.0	2973.1	2811.7	2617.8	2466.7	2519.7	2761.2	3089.3	3122.3	2818.1	2172.8
60°	3112.5	3017.7	2875.6	2686.3	2548.1	2617.8	2841.2	3177.8	3149.4	2829.8	2196.1
62.5°	3109.3	3042.9	2949.1	2820.0	2794.9	2911.0	3101.6	3291.5	3168.1	2796.2	2210.9
65°	2854.3	2848.4	2790.2	2805.1	2910.5	3090.0	3206.9	3310.3	3129.3	2662.4	2139.2
67.5°	2380.8	2404.8	2412.5	2503.6	2749.6	3054.5	3157.1	3177.1	2960.8	2376.3	1916.4
70°	1838.2	1785.3	1872.4	2033.3	2388.0	2780.6	2926.6	2856.8	2616.0	1990.0	1565.0
72.5°	1301.6	1316.9	1442.3	1650.9	2011.9	2418.9	2647.6	2267.1	1968.1	1489.5	1109.7
75°	979.2	1052.2	1112.9	1295.6	1634.2	2072.1	2260.7	1558.6	1282.2	1027.0	726.0
77.5°	938.5	932.7	886.2	925.0	1178.1	1451.3	1612.7	972.8	802.8	671.8	438.6
80°	867.4	817.6	733.1	695.6	742.1	932.0	1023.8	625.2	534.1	469.5	247.3
82.5°	673.0	639.4	550.3	547.8	618.8	662.1	704.0	443.0	401.7	380.4	151.8
85°	427.0	438.6	449.5	548.3	686.6	694.3	547.8	270.0	211.9	298.3	96.8
87.5°	126.6	206.0	250.0	424.4	618.8	620.7	412.1	88.6	79.4	93.1	56.2
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: P271655

CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

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: P271655

CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

CANDELA DISTRIBUTION (continued):

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9
2.5°	1302.1	1299.6	1281.4	1251.1	1253.8	1239.5	1221.3	1192.3	1186.5	1170.4	1167.8
5°	1184.5	1154.2	1114.9	1067.1	1049.0	1024.3	999.3	981.1	958.5	937.8	965.6
7.5°	1027.6	983.0	937.2	886.9	857.7	817.6	796.3	755.0	724.8	718.9	695.0
10°	896.5	840.4	788.0	742.8	688.6	651.1	624.0	601.3	580.7	555.5	540.0
12.5°	809.4	746.0	690.4	634.2	608.4	577.4	560.6	539.3	509.6	488.3	467.7
15°	769.8	701.5	640.7	591.6	554.2	525.1	495.4	469.5	437.3	413.4	389.4
17.5°	764.7	675.6	598.7	543.8	503.2	471.5	432.2	397.9	358.4	332.0	312.0
20°	770.6	656.2	560.0	488.3	447.0	391.4	354.7	312.6	273.8	238.9	207.3
22.5°	793.8	645.9	521.8	443.0	381.7	318.4	279.0	225.5	192.5	158.9	146.6
25°	825.5	639.4	488.9	393.4	315.8	253.2	199.5	155.0	140.1	131.8	127.2
27.5°	859.0	627.8	452.2	347.6	262.8	186.7	149.2	130.4	124.7	120.1	116.9
30°	884.2	605.2	406.9	298.3	209.2	159.4	133.1	120.8	116.9	111.7	108.5
32.5°	895.3	570.3	366.1	252.0	176.3	136.9	116.3	109.1	105.3	100.8	98.8
35°	893.3	530.9	345.6	233.8	161.4	121.5	102.0	97.6	92.3	87.9	83.4
37.5°	895.3	494.8	329.4	229.2	155.0	109.9	93.1	89.8	85.9	81.4	77.5
40°	903.0	474.8	321.6	219.6	149.8	105.3	85.9	82.6	82.0	76.9	73.6
42.5°	906.2	476.7	317.8	206.0	136.9	104.0	85.9	78.8	78.8	74.9	71.1
45°	902.3	490.8	320.3	198.3	127.2	97.6	90.4	78.8	76.9	73.6	69.8
47.5°	913.9	501.3	320.3	197.0	120.8	91.1	85.9	86.6	78.2	74.3	68.5
50°	961.7	510.9	313.9	195.0	118.8	84.6	81.4	85.2	87.9	75.5	69.1
52.5°	1046.3	523.3	306.8	191.9	116.3	79.4	75.5	80.1	89.8	79.4	69.1
55°	1132.9	545.1	302.3	186.7	112.4	76.3	68.5	76.9	82.0	78.8	68.5
57.5°	1225.3	569.1	297.8	174.5	103.3	73.0	65.8	67.1	73.6	76.3	66.6
59°	1253.0	580.7	293.8	165.4	95.6	70.3	64.0	62.1	65.8	73.0	65.3
60°	1273.1	581.3	289.3	157.7	91.1	69.1	62.6	60.1	61.4	74.9	65.8
62.5°	1275.1	580.7	275.2	141.4	82.0	66.6	60.7	57.5	56.2	62.6	67.1
65°	1194.9	553.5	249.3	133.1	82.6	64.0	57.5	54.9	52.3	53.6	58.1
67.5°	1045.1	483.7	222.2	134.9	87.1	62.1	54.9	52.3	50.3	49.0	51.0
70°	790.6	401.7	214.4	139.5	91.1	60.7	51.0	48.5	47.1	46.5	46.5
72.5°	547.8	330.7	206.0	142.7	94.3	60.1	47.1	44.6	43.9	43.3	43.3
75°	352.7	240.3	170.5	121.5	85.9	54.9	42.6	40.1	39.3	38.8	39.3
77.5°	208.7	167.9	125.3	85.2	62.6	43.9	36.8	34.9	34.9	34.9	35.6
80°	115.6	99.4	83.4	54.9	44.6	33.0	30.4	28.5	28.5	29.0	30.4
82.5°	69.1	54.9	47.1	34.9	30.4	23.3	22.5	21.3	22.0	22.5	23.9
85°	45.3	34.9	28.5	23.3	20.8	14.8	12.9	13.6	14.2	15.5	16.2
87.5°	25.2	19.3	15.5	13.6	12.3	6.5	5.2	5.2	6.5	7.7	9.1
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: P271655
 CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

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°

271655
 IST-AF-800-LED-E1-SLL-7027

REPORT NUMBER: P271655
 CATALOG NUMBER: IST-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°	1267.9	1267.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1098.6	1098.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	901.7	895.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	698.9	720.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	503.8	518.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	350.7	358.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	241.6	257.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	187.9	189.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	155.0	156.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	137.6	140.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	115.6	118.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	102.0	104.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	93.6	95.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	85.2	85.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	78.2	78.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	73.0	74.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	68.5	69.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	62.1	63.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	56.2	56.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	52.3	52.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	49.8	50.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	48.5	49.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	47.8	49.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	47.8	48.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	47.1	47.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	47.1	48.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	45.3	46.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	43.9	45.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	42.0	43.9
										70°	40.1	42.0
										72.5°	37.5	40.1
										75°	34.9	36.8
										77.5°	31.6	33.6
										80°	27.8	28.5
										82.5°	23.3	23.3
										85°	17.4	15.5
										87.5°	9.7	10.3
										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: P271655

CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

SLL-7027

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°	1267.9	1267.9	1267.9	1267.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1088.9	1112.9	1116.1	1119.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	895.3	919.1	905.5	911.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	653.7	638.2	658.2	670.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	477.3	495.4	503.2	517.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	396.0	407.7	421.8	444.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	321.1	329.4	347.6	369.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	233.8	246.0	257.7	275.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	156.9	162.1	176.3	184.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	125.9	127.9	130.4	137.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	113.1	114.4	116.3	118.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	102.7	103.3	105.3	106.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	93.6	93.1	93.6	95.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	84.0	84.0	85.2	85.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	72.3	71.7	73.0	74.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	66.6	67.1	68.5	69.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	63.3	64.0	65.3	66.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	60.1	61.4	62.6	64.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	58.1	59.4	61.4	63.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	57.5	58.7	60.7	63.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	56.2	58.1	60.1	62.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	56.2	57.5	59.4	62.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	54.3	56.2	58.1	61.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	53.0	54.3	56.9	60.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	52.3	53.6	56.2	60.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	51.0	53.0	55.5	59.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	49.8	51.7	54.3	58.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	47.8	50.3	53.0	55.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	46.5	47.8	50.3	53.0
								70°	43.9	45.3	47.1	49.0
								72.5°	40.7	41.3	42.6	44.6
								75°	36.2	36.8	37.5	39.3
								77.5°	31.6	31.6	32.2	34.9
								80°	26.5	26.5	27.1	28.5
								82.5°	20.0	20.0	21.3	23.3
								85°	14.2	13.6	15.5	16.8
								87.5°	8.4	7.7	8.4	8.4
								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: P271655

CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

CANDELA DISTRIBUTION (continued):

290°	295°	300°	305°	310°	315°	320°		270°	275°	280°	285°	290°
1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	110°	0.0	0.0	0.0	0.0	0.0
1132.2	1125.8	1131.0	1151.0	1158.2	1167.2	1197.5	112.5°	0.0	0.0	0.0	0.0	0.0
925.5	934.0	925.5	966.3	968.2	995.3	1006.3	115°	0.0	0.0	0.0	0.0	0.0
680.2	691.2	709.2	736.3	744.1	782.9	815.8	117.5°	0.0	0.0	0.0	0.0	0.0
530.9	545.1	570.3	587.1	603.9	626.5	653.0	120°	0.0	0.0	0.0	0.0	0.0
471.5	486.3	508.4	529.6	553.5	571.1	592.9	122.5°	0.0	0.0	0.0	0.0	0.0
394.0	417.3	438.6	466.3	486.3	518.1	543.8	125°	0.0	0.0	0.0	0.0	0.0
301.0	333.3	354.7	388.2	418.5	446.3	481.2	127.5°	0.0	0.0	0.0	0.0	0.0
209.2	234.5	261.6	297.8	337.1	375.3	421.8	130°	0.0	0.0	0.0	0.0	0.0
144.1	157.7	178.2	215.8	256.5	311.4	361.7	132.5°	0.0	0.0	0.0	0.0	0.0
122.7	127.9	135.6	153.7	187.9	248.0	303.5	135°	0.0	0.0	0.0	0.0	0.0
109.1	113.1	118.1	127.2	145.3	186.7	248.0	137.5°	0.0	0.0	0.0	0.0	0.0
100.1	104.7	109.9	116.3	125.9	154.4	200.2	140°	0.0	0.0	0.0	0.0	0.0
87.9	91.1	95.6	102.7	109.9	132.4	177.0	142.5°	0.0	0.0	0.0	0.0	0.0
77.5	81.4	87.1	92.3	99.4	117.6	160.9	145°	0.0	0.0	0.0	0.0	0.0
72.3	76.3	81.4	85.9	91.1	105.9	149.2	147.5°	0.0	0.0	0.0	0.0	0.0
69.1	73.0	78.2	82.0	85.2	102.0	144.6	150°	0.0	0.0	0.0	0.0	0.0
67.1	71.7	76.3	78.8	85.2	104.0	133.7	152.5°	0.0	0.0	0.0	0.0	0.0
66.6	71.1	76.3	80.8	93.6	98.2	126.6	155°	0.0	0.0	0.0	0.0	0.0
67.1	71.1	77.5	90.4	91.1	93.1	118.8	157.5°	0.0	0.0	0.0	0.0	0.0
67.1	73.0	86.6	94.3	86.6	87.9	111.7	160°	0.0	0.0	0.0	0.0	0.0
67.8	75.5	89.8	87.9	84.0	82.0	104.0	162.5°	0.0	0.0	0.0	0.0	0.0
67.8	74.3	85.9	82.6	77.5	78.2	95.0	165°	0.0	0.0	0.0	0.0	0.0
65.8	74.3	82.6	74.9	71.1	74.3	87.1	167.5°	0.0	0.0	0.0	0.0	0.0
64.6	76.3	73.6	69.1	69.1	72.3	83.4	170°	0.0	0.0	0.0	0.0	0.0
64.0	78.2	69.8	67.1	67.1	71.7	81.4	172.5°	0.0	0.0	0.0	0.0	0.0
62.1	73.0	64.0	62.6	64.6	67.8	78.8	175°	0.0	0.0	0.0	0.0	0.0
58.1	60.7	58.7	58.7	61.4	65.3	77.5	177.5°	0.0	0.0	0.0	0.0	0.0
53.6	54.9	54.9	55.5	58.1	61.4	78.8	180°	0.0	0.0	0.0	0.0	0.0
49.8	49.8	51.0	51.7	53.6	58.1	75.5						
45.3	45.8	45.8	47.1	48.5	53.0	73.0						
40.1	40.1	41.3	41.3	43.3	47.8	65.3						
34.9	34.9	34.9	35.6	36.8	41.3	53.6						
29.0	29.0	29.0	29.7	30.4	34.2	40.7						
23.3	22.5	22.0	22.0	23.3	26.5	31.6						
16.2	16.2	15.5	15.5	15.5	17.4	21.3						
9.1	7.7	8.4	9.1	8.4	9.7	11.6						
0.7	1.3	2.0	2.5	2.5	2.5	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						



REPORT NUMBER: P271655

CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

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°	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1193.6	1210.5	1236.9	1242.1	1263.4	1278.3
0.0	0.0	0.0	0.0	0.0	0.0	5°	1011.5	1051.6	1065.7	1093.5	1141.9	1166.4
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	834.5	864.9	899.1	943.7	979.2	1021.1
0.0	0.0	0.0	0.0	0.0	0.0	10°	686.6	729.9	774.4	810.6	860.4	910.7
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	609.7	633.7	677.5	728.5	790.6	846.8
0.0	0.0	0.0	0.0	0.0	0.0	15°	569.6	598.1	645.3	699.5	765.4	835.2
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	520.0	565.1	618.8	696.3	781.5	878.5
0.0	0.0	0.0	0.0	0.0	0.0	20°	470.8	525.8	596.1	698.3	816.4	942.4
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	427.6	492.8	581.9	709.8	860.9	1028.9
0.0	0.0	0.0	0.0	0.0	0.0	25°	376.6	463.7	571.1	733.7	929.5	1145.2
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	335.9	435.9	554.8	754.4	992.1	1256.9
0.0	0.0	0.0	0.0	0.0	0.0	30°	290.6	403.7	532.2	761.5	1068.4	1348.6
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	254.5	373.3	506.4	755.0	1102.6	1412.6
0.0	0.0	0.0	0.0	0.0	0.0	35°	237.1	351.3	484.5	732.5	1131.0	1481.8
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	225.5	327.5	463.2	695.0	1163.2	1550.1
0.0	0.0	0.0	0.0	0.0	0.0	40°	210.6	308.7	445.6	667.9	1188.5	1607.0
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	197.0	291.9	432.2	643.9	1194.9	1658.0
0.0	0.0	0.0	0.0	0.0	0.0	45°	185.4	281.6	421.8	645.3	1199.5	1729.1
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	176.3	272.0	417.9	667.2	1247.3	1827.9
0.0	0.0	0.0	0.0	0.0	0.0	50°	167.9	263.6	411.4	709.8	1324.1	1961.6
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	158.2	252.0	403.0	753.8	1408.0	2140.5
0.0	0.0	0.0	0.0	0.0	0.0	55°	145.3	236.4	394.0	790.6	1522.4	2358.2
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	125.3	218.3	388.2	809.4	1592.8	2483.5
0.0	0.0	0.0	0.0	0.0	0.0	59°	114.9	201.0	384.9	800.3	1611.5	2504.8
0.0	0.0	0.0	0.0	0.0	0.0	60°	109.1	190.5	379.8	789.3	1616.7	2491.3
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	101.4	166.0	358.4	734.4	1544.4	2327.1
0.0	0.0	0.0	0.0	0.0	0.0	65°	103.3	156.9	310.1	625.2	1378.4	2006.8
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	105.9	153.1	268.1	505.0	1098.6	1660.6
						70°	104.0	151.2	243.5	401.7	822.8	1243.3
						72.5°	101.4	142.7	211.2	322.9	521.8	870.6
						75°	89.8	120.1	166.0	221.5	329.4	634.2
						77.5°	70.3	92.3	117.6	137.6	167.3	447.6
						80°	51.7	67.1	76.9	82.6	93.1	305.5
						82.5°	36.8	45.3	49.0	52.3	62.1	228.7
						85°	27.8	31.6	34.2	34.2	42.0	161.4
						87.5°	15.5	16.2	16.2	17.4	20.8	43.9
						90°	4.5	4.5	3.9	4.5	3.2	2.5
						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



REPORT NUMBER: P271655

CATALOG NUMBER: IST-AF-800-LED-E1-SLL-7027

CANDELA DISTRIBUTION (continued):

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
1267.9	1267.9	1267.9	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1295.1	1304.7	1312.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1204.0	1227.8	1232.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1067.6	1106.4	1120.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
967.6	1009.5	1023.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
912.7	961.7	977.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
913.9	972.8	995.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973.3	1040.6	1068.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1075.5	1173.0	1193.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1213.7	1309.2	1340.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1343.4	1470.1	1494.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1471.3	1596.6	1617.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1570.1	1701.3	1719.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1665.2	1813.0	1833.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1771.1	1934.5	1957.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1866.7	2054.0	2068.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972.6	2151.5	2155.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2059.2	2223.8	2225.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2143.1	2291.7	2292.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2230.9	2366.0	2356.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2369.8	2453.8	2463.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2581.0	2656.0	2667.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2826.4	2930.5	2915.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2930.5	3049.3	3061.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2913.0	3075.2	3095.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2885.3	3067.4	3092.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2727.6	2986.7	3026.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2462.8	2819.4	2874.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2122.4	2569.4	2614.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1656.0	2088.2	2126.3								
1100.6	1434.0	1499.8								
699.5	925.0	912.7								
516.1	601.3	602.0								
374.6	412.7	408.2								
290.1	252.0	251.3								
101.4	89.1	87.1								
43.9	36.8	37.5								
2.0	2.0	2.5								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								

