

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: P271675

Luminaire Tested: **IST-AF-1200-LED-E1-SLL-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271675
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-1200-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: 5162.4 lumens
Efficiency: N/A
Efficacy: 78.2 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

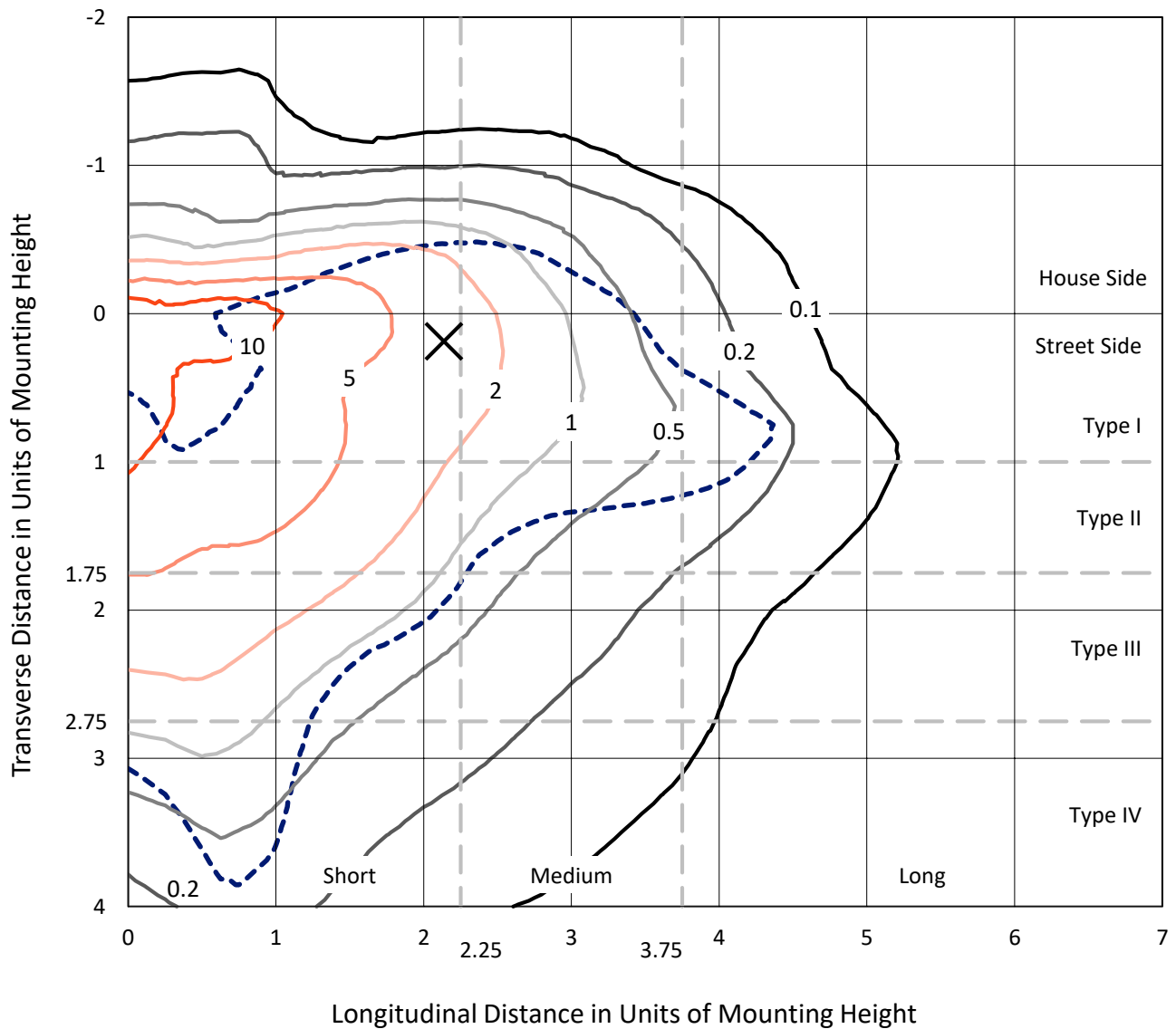
Input Watts (W): 66
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

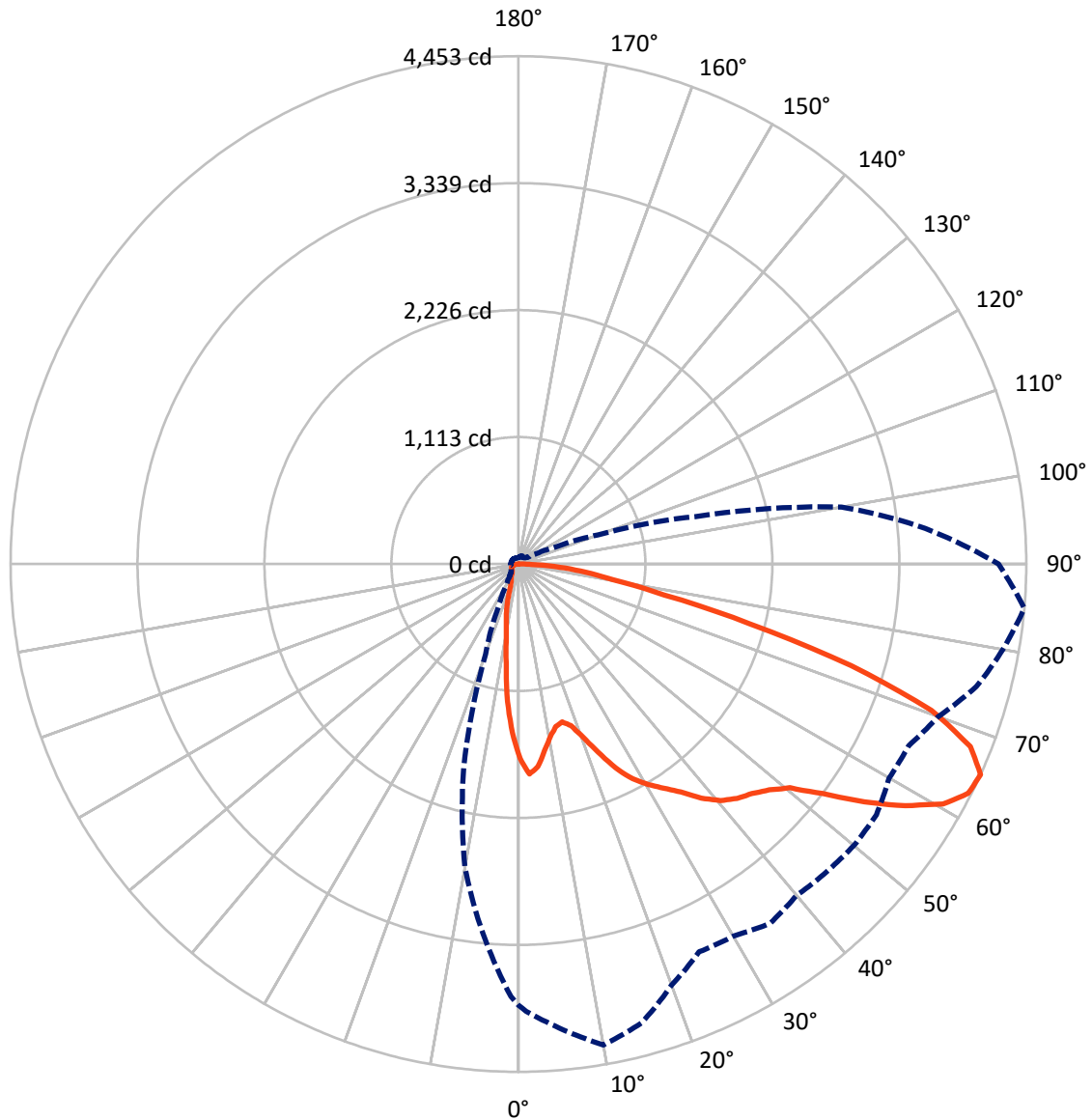
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 18.7 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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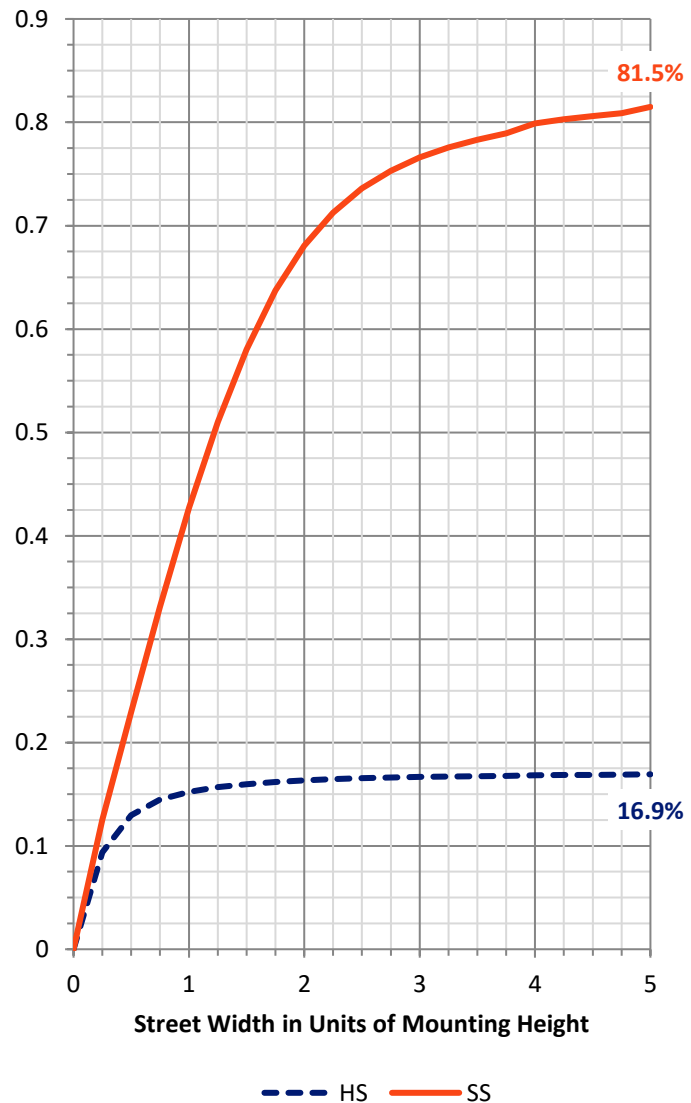
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	885.5	0.0	885.5
	% Fixture	17.2	0.0	17.2
Street Side	Lumens	4276.7	0.2	4276.9
	% Fixture	82.8	0.0	82.8
Total	Lumens	5162.2	0.2	5162.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.4	2.4
10°-20°	243.1	4.7
20°-30°	346.7	6.7
30°-40°	502.9	9.7
40°-50°	719.4	13.9
50°-60°	1104.6	21.4
60°-70°	1278.6	24.8
70°-80°	652.3	12.6
80°-90°	188.2	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°	5162.2	100.0
0°-180°	5162.4	100.0



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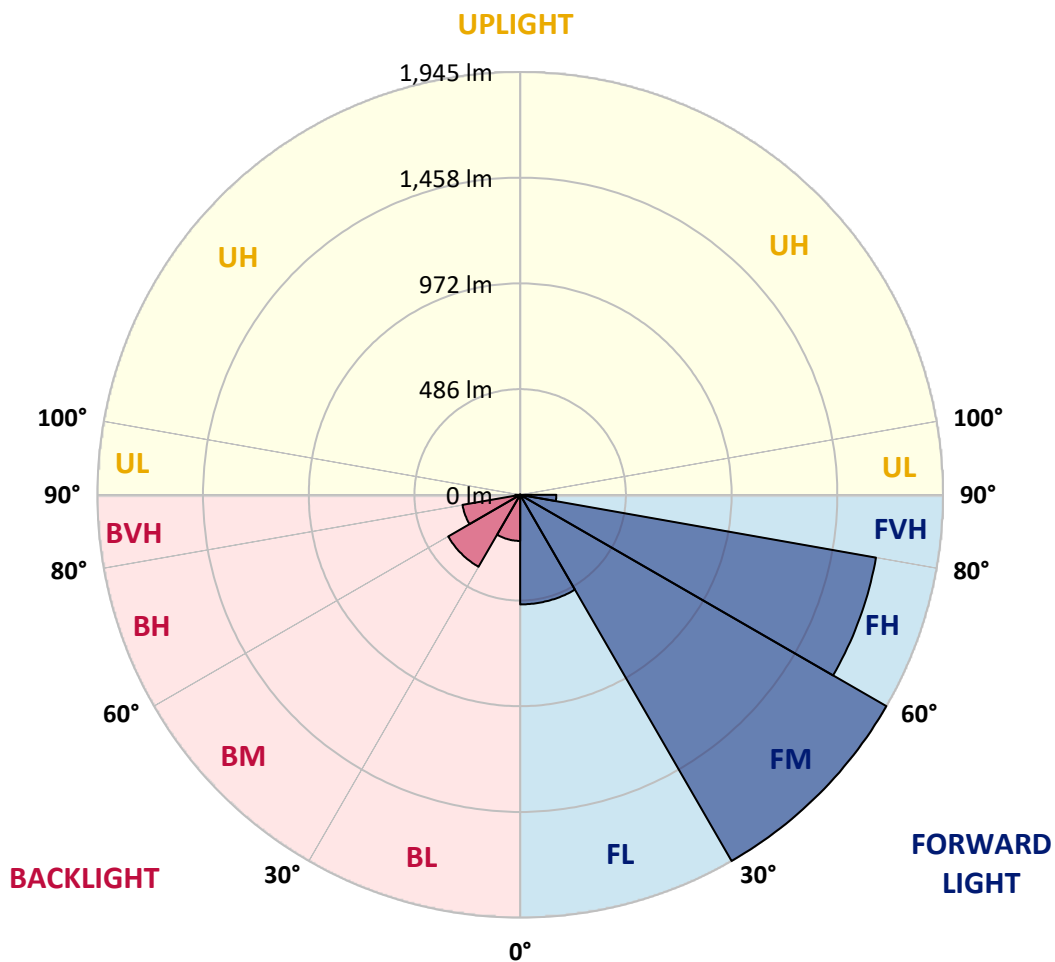
CATALOG NUMBER: IST-AF-1200-LED-E1-SLL-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	504.2	9.8			
FM	(30°-60°)	1944.6	37.7			
FH	(60°-80°)	1661.5	32.2			G1/1800
FVH	(80°-90°)	166.4	3.2			G2/225
BL	(0°-30°)	212.0	4.1	B1/500		
BM	(30°-60°)	382.3	7.4	B1/1000		
BH	(60°-80°)	269.3	5.2	B1/500		G1/500
BVH	(80°-90°)	21.9	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°	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4
2.5°	1765.3	1767.1	1791.5	1814.9	1844.5	1840.2	1864.4	1882.7	1899.2	1901.8	1914.0
5°	1657.7	1675.1	1729.8	1776.7	1835.8	1881.8	1931.4	1970.4	1999.1	2026.0	2029.5
7.5°	1506.5	1519.6	1582.9	1656.8	1741.9	1802.8	1877.5	1942.7	1988.7	2032.1	2041.7
10°	1377.0	1389.2	1459.6	1555.1	1629.9	1708.9	1786.3	1839.3	1899.2	1936.6	1954.8
12.5°	1314.5	1329.3	1396.1	1483.0	1559.5	1635.9	1694.1	1740.3	1774.2	1781.1	1786.3
15°	1338.8	1346.6	1420.5	1497.8	1558.6	1596.8	1612.5	1640.3	1637.7	1651.6	1654.2
17.5°	1437.0	1433.5	1511.7	1565.6	1595.1	1590.8	1566.5	1551.7	1525.6	1517.8	1540.4
20°	1605.5	1617.7	1668.2	1701.1	1670.7	1600.3	1533.5	1487.4	1450.9	1438.7	1436.1
22.5°	1802.8	1818.3	1873.1	1855.8	1778.5	1649.8	1528.3	1454.4	1409.2	1396.1	1390.9
25°	2009.6	2020.0	2047.8	1988.7	1880.2	1713.2	1564.7	1461.4	1401.4	1382.3	1379.7
27.5°	2176.3	2186.7	2173.8	2106.0	1948.7	1784.6	1615.2	1492.6	1414.4	1395.2	1386.6
30°	2312.8	2318.0	2274.5	2190.2	2033.9	1863.6	1681.2	1547.3	1456.2	1412.7	1406.6
32.5°	2465.7	2462.3	2377.9	2261.6	2106.0	1934.8	1756.7	1609.0	1496.0	1443.0	1433.5
35°	2633.3	2603.0	2454.3	2331.9	2155.6	1989.6	1825.4	1674.2	1560.4	1490.0	1477.8
37.5°	2782.8	2751.5	2552.5	2387.4	2205.0	2032.1	1879.3	1758.4	1658.5	1594.2	1589.0
40°	2899.2	2861.0	2627.3	2424.9	2229.3	2063.4	1942.7	1864.4	1798.5	1746.2	1746.2
42.5°	2993.1	2951.3	2700.2	2468.3	2251.1	2111.2	2048.7	2021.7	2007.8	1979.1	1989.6
45°	3083.4	3040.9	2760.2	2496.1	2299.8	2204.1	2212.9	2236.3	2278.0	2261.6	2276.2
47.5°	3169.4	3127.7	2828.0	2540.4	2393.5	2371.0	2416.1	2510.0	2591.6	2656.0	2701.1
50°	3313.6	3264.1	2949.6	2670.8	2541.2	2552.5	2682.9	2867.1	3000.0	3059.1	3055.6
52.5°	3587.3	3517.0	3211.1	2914.0	2752.4	2814.9	2968.7	3200.8	3374.4	3420.5	3438.7
55°	3921.8	3866.1	3589.1	3236.3	3119.1	3140.7	3331.8	3594.3	3728.1	3775.8	3791.5
57.5°	4118.1	4103.4	3929.6	3581.3	3467.4	3458.7	3708.0	3922.7	4038.2	4083.3	4069.5
59°	4164.3	4168.6	4069.5	3825.3	3668.9	3649.8	3903.6	4102.5	4198.9	4212.8	4205.9
60°	4159.8	4184.1	4172.0	3959.1	3796.7	3772.3	3986.0	4175.5	4256.3	4278.0	4253.7
62.5°	4070.4	4112.0	4227.6	4205.1	4086.0	3961.7	4062.6	4199.8	4251.9	4231.1	4212.8
65°	3867.0	3921.8	4082.4	4282.3	4167.7	3927.9	3751.5	3767.1	3846.3	3794.1	3819.2
67.5°	3516.1	3578.6	3663.7	4117.3	3950.5	3548.2	3244.9	3096.4	3059.1	3109.4	3189.4
70°	2860.1	2901.0	3116.4	3757.6	3469.2	2916.5	2536.1	2338.0	2271.9	2388.3	2470.0
72.5°	2017.3	2078.2	2362.4	3109.4	2854.1	2336.2	1919.2	1736.7	1670.7	1675.9	1747.1
75°	1227.6	1310.2	1650.7	2458.8	2249.4	1789.7	1462.2	1331.0	1311.1	1299.8	1287.6
77.5°	809.7	841.0	1085.2	1696.8	1517.0	1272.8	1097.3	1151.2	1211.2	1224.1	1239.8
80°	549.0	558.7	703.7	1190.3	999.2	940.1	887.1	1013.8	1127.7	1148.6	1137.3
82.5°	337.9	366.7	490.8	802.7	796.7	768.9	701.1	800.2	875.8	888.9	912.3
85°	117.3	122.5	301.5	708.9	809.7	818.4	577.8	456.1	512.7	503.1	361.4
87.5°	50.3	56.4	93.9	474.3	548.2	453.6	264.1	234.5	180.6	101.7	98.2
90°	3.4	3.4	2.7	4.3	13.0	8.7	7.8	2.7	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°	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4
2.5°	1911.3	1900.1	1907.0	1897.5	1881.8	1871.3	1859.2	1843.6	1825.4	1801.0	1776.7
5°	2021.7	2013.0	1991.4	1960.0	1916.5	1880.2	1836.7	1785.4	1742.8	1688.1	1636.8
7.5°	2031.2	2017.3	1977.3	1919.2	1852.2	1784.6	1733.3	1649.8	1596.0	1509.2	1450.9
10°	1944.4	1945.3	1905.2	1850.6	1781.1	1701.1	1627.3	1536.0	1457.1	1368.4	1271.0
12.5°	1816.7	1828.8	1830.6	1781.9	1714.1	1629.9	1547.3	1460.5	1362.3	1267.6	1178.0
15°	1671.6	1706.3	1708.9	1696.8	1661.1	1589.9	1514.4	1436.1	1336.2	1232.8	1132.0
17.5°	1542.1	1575.2	1605.5	1633.4	1635.1	1601.2	1555.1	1488.2	1388.3	1266.7	1148.6
20°	1443.9	1479.6	1531.7	1582.9	1639.5	1656.8	1660.2	1617.7	1510.9	1362.3	1202.4
22.5°	1403.2	1444.8	1497.8	1594.2	1694.1	1755.8	1790.6	1790.6	1678.6	1504.8	1291.0
25°	1394.3	1428.3	1509.2	1629.0	1762.8	1870.5	1936.6	1980.9	1900.1	1688.1	1400.5
27.5°	1400.5	1446.6	1546.5	1669.1	1808.8	1947.0	2055.6	2132.9	2057.4	1813.2	1502.1
30°	1424.8	1493.5	1596.8	1723.7	1867.9	2013.9	2145.2	2243.2	2187.6	1927.0	1598.6
32.5°	1467.4	1550.8	1668.2	1782.8	1926.1	2084.2	2213.7	2343.2	2302.4	2006.1	1649.8
35°	1530.8	1629.0	1735.9	1851.5	1988.7	2146.8	2285.0	2454.3	2439.5	2105.1	1701.1
37.5°	1633.4	1734.2	1832.4	1931.4	2061.7	2215.5	2387.4	2603.7	2591.6	2251.9	1783.7
40°	1814.0	1873.1	1946.1	2009.6	2132.0	2278.9	2463.1	2727.2	2770.6	2377.9	1856.7
42.5°	2038.3	2073.0	2093.8	2111.2	2173.8	2311.9	2517.8	2809.7	2881.0	2471.8	1913.1
45°	2324.1	2313.7	2271.9	2232.0	2225.0	2331.0	2543.0	2870.5	2967.8	2563.0	1970.4
47.5°	2661.9	2639.4	2525.7	2394.4	2321.5	2365.8	2587.3	2960.1	3074.7	2682.9	2041.7
50°	3052.1	2999.1	2813.2	2591.6	2457.0	2463.9	2699.4	3084.3	3215.4	2839.3	2174.7
52.5°	3413.5	3318.9	3097.3	2804.5	2611.6	2635.1	2901.0	3341.4	3503.9	3098.2	2397.8
55°	3732.4	3610.7	3371.9	3051.3	2876.6	2917.4	3223.3	3682.1	3835.9	3406.6	2623.8
57.5°	4003.5	3874.0	3638.6	3356.2	3138.9	3172.8	3510.8	3998.3	4101.6	3683.7	2840.1
59°	4126.8	3999.2	3782.0	3521.3	3318.0	3389.2	3714.1	4155.5	4199.8	3790.6	2922.6
60°	4186.8	4059.0	3867.9	3613.3	3427.4	3521.3	3821.9	4274.6	4236.2	3806.3	2954.0
62.5°	4182.4	4092.9	3966.9	3793.3	3759.4	3915.7	4172.0	4427.5	4261.5	3761.0	2973.9
65°	3839.3	3831.5	3753.3	3773.2	3914.8	4156.4	4313.6	4452.6	4209.4	3581.3	2877.5
67.5°	3202.4	3234.5	3244.9	3367.5	3698.5	4108.6	4246.7	4273.7	3982.6	3196.3	2577.8
70°	2472.7	2401.3	2518.7	2735.0	3212.0	3740.3	3936.6	3842.7	3518.8	2676.8	2105.1
72.5°	1750.7	1771.5	1940.0	2220.7	2706.3	3253.8	3561.2	3049.5	2647.2	2003.5	1492.6
75°	1317.2	1415.3	1496.9	1742.8	2198.2	2787.1	3040.9	2096.5	1724.6	1381.4	976.5
77.5°	1262.4	1254.6	1192.1	1244.2	1584.7	1952.2	2169.4	1308.4	1079.9	903.5	589.8
80°	1166.8	1100.0	986.1	935.8	998.3	1253.7	1377.0	841.0	718.6	631.6	332.7
82.5°	905.3	860.0	740.2	736.7	832.3	890.5	947.0	595.9	540.4	511.8	204.2
85°	574.3	589.8	604.6	737.6	923.5	934.0	736.7	363.2	284.9	401.5	130.3
87.5°	170.3	277.1	336.2	570.9	832.3	835.0	554.3	119.0	106.9	125.1	75.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.9	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: P271675

CATALOG NUMBER: IST-AF-1200-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



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 CATALOG NUMBER: IST-AF-1200-LED-E1-SLL-7027

CANDELA DISTRIBUTION (continued):

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4
2.5°	1751.5	1748.0	1723.7	1682.9	1686.4	1667.3	1642.9	1603.8	1596.0	1574.3	1570.8
5°	1593.4	1552.5	1499.6	1435.2	1411.0	1377.9	1344.0	1319.7	1289.2	1261.5	1298.9
7.5°	1382.3	1322.3	1260.6	1192.9	1153.7	1100.0	1071.2	1015.6	974.8	966.9	934.9
10°	1206.0	1130.2	1059.9	999.2	926.2	875.8	839.3	808.8	781.1	747.2	726.3
12.5°	1088.7	1003.5	928.8	853.2	818.4	776.8	754.1	725.4	685.5	656.8	629.0
15°	1035.7	943.5	861.8	795.8	745.4	706.3	666.4	631.6	588.2	556.1	523.9
17.5°	1028.6	908.7	805.4	731.5	676.9	634.2	581.2	535.2	482.2	446.5	419.7
20°	1036.5	882.8	753.3	656.8	601.2	526.5	477.0	420.5	368.3	321.4	278.8
22.5°	1067.7	868.8	701.9	595.9	513.5	428.3	375.3	303.2	258.9	213.8	197.2
25°	1110.3	860.0	657.6	529.1	424.9	340.5	268.4	208.5	188.6	177.2	171.1
27.5°	1155.5	844.5	608.2	467.4	353.7	251.1	200.7	175.5	167.6	161.5	157.2
30°	1189.4	814.0	547.3	401.5	281.5	214.5	179.0	162.4	157.2	150.3	146.0
32.5°	1204.2	767.2	492.6	338.8	237.2	184.2	156.3	146.9	141.7	135.6	132.9
35°	1201.6	714.2	464.9	314.5	217.2	163.3	137.4	131.2	124.2	118.1	112.1
37.5°	1204.2	665.6	443.1	308.4	208.5	147.7	125.1	120.7	115.5	109.4	104.2
40°	1214.6	638.5	432.6	295.5	201.6	141.7	115.5	111.2	110.3	103.3	99.0
42.5°	1218.9	641.2	427.4	277.1	184.2	139.9	115.5	106.0	106.0	100.8	95.6
45°	1213.7	660.3	431.0	266.8	171.1	131.2	121.6	106.0	103.3	99.0	93.9
47.5°	1229.4	674.2	431.0	265.0	162.4	122.5	115.5	116.4	105.1	99.9	92.1
50°	1293.6	687.2	422.2	262.3	159.9	113.8	109.4	114.6	118.1	101.7	93.0
52.5°	1407.5	703.7	412.7	258.0	156.3	106.9	101.7	107.8	120.7	106.9	93.0
55°	1523.9	733.3	406.7	251.1	151.2	102.6	92.1	103.3	110.3	106.0	92.1
57.5°	1648.1	765.4	400.6	234.5	139.0	98.2	88.7	90.4	99.0	102.6	89.5
59°	1685.5	781.1	395.3	222.4	128.5	94.7	86.0	83.5	88.7	98.2	87.8
60°	1712.3	782.0	389.2	212.0	122.5	93.0	84.4	80.8	82.6	100.8	88.7
62.5°	1715.0	781.1	370.1	190.4	110.3	89.5	81.7	77.3	75.5	84.4	90.4
65°	1607.2	744.5	335.3	179.0	111.2	86.0	77.3	73.8	70.3	72.1	78.2
67.5°	1405.8	650.7	298.9	181.5	117.3	83.5	73.8	70.3	67.7	66.0	68.6
70°	1063.4	540.4	288.4	187.7	122.5	81.7	68.6	65.1	63.4	62.5	62.5
72.5°	736.7	444.8	277.1	192.0	126.8	80.8	63.4	60.0	59.1	58.2	58.2
75°	474.3	323.2	229.3	163.3	115.5	73.8	57.3	53.9	53.0	52.1	53.0
77.5°	280.6	225.9	168.5	114.6	84.4	59.1	49.6	46.9	46.9	46.9	47.8
80°	155.6	133.8	112.1	73.8	60.0	44.3	40.9	38.2	38.2	39.1	40.9
82.5°	93.0	73.8	63.4	46.9	40.9	31.4	30.5	28.7	29.6	30.5	32.2
85°	60.8	46.9	38.2	31.4	27.8	20.0	17.3	18.2	19.1	20.8	21.6
87.5°	33.9	26.1	20.8	18.2	16.5	8.7	7.0	7.0	8.7	10.4	12.1
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



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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: P271675
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REPORT NUMBER: P
 CATALOG NUMBER:

DISTRIBUTION (continued):

CANDELA DISTRIBUTION

160°	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	110°	160°
1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	110°	0.0
1582.9	1557.8	1530.8	1510.9	1519.6	1490.8	1493.5	1485.7	1482.1	1480.5	1462.2	112.5°	0.0
1253.7	1263.3	1223.3	1227.6	1239.8	1210.3	1190.3	1223.3	1218.9	1189.4	1206.0	115°	0.0
903.5	906.2	888.0	847.1	847.1	868.8	876.7	892.3	902.7	939.2	916.6	117.5°	0.0
690.7	666.4	648.1	629.9	619.4	597.7	602.9	622.1	634.2	655.0	671.7	120°	0.0
600.3	573.4	541.3	513.5	498.6	478.7	465.7	461.3	465.7	452.7	453.6	122.5°	0.0
498.6	474.3	438.7	424.0	396.2	380.5	371.9	360.6	351.9	333.6	325.7	125°	0.0
386.6	354.5	318.0	318.0	298.0	284.9	281.5	278.8	273.6	264.1	254.6	127.5°	0.0
257.2	236.3	215.4	205.0	206.8	205.0	199.9	208.5	208.5	212.0	210.2	130°	0.0
187.7	184.2	176.3	170.3	166.8	166.0	166.8	169.4	174.6	179.0	183.3	132.5°	0.0
168.5	166.8	159.9	153.8	152.9	151.2	151.2	153.8	154.7	155.6	154.7	135°	0.0
156.3	152.9	146.9	142.5	140.8	139.9	140.8	138.1	136.5	137.4	136.5	137.5°	0.0
141.7	139.0	132.9	129.4	128.5	128.5	126.0	125.1	123.3	124.2	123.3	140°	0.0
130.3	126.8	120.7	116.4	116.4	115.5	116.4	115.5	114.6	113.8	113.8	142.5°	0.0
109.4	108.5	102.6	100.8	101.7	104.2	104.2	104.2	105.1	104.2	104.2	145°	0.0
101.7	100.8	94.7	90.4	89.5	89.5	89.5	91.2	93.9	94.7	96.5	147.5°	0.0
96.5	95.6	89.5	86.0	84.4	83.5	82.6	82.6	83.5	86.9	89.5	150°	0.0
93.0	91.2	85.1	80.8	79.9	79.1	78.2	78.2	78.2	79.1	81.7	152.5°	0.0
91.2	88.7	81.7	77.3	75.5	74.6	74.6	75.5	74.6	74.6	74.6	155°	0.0
88.7	86.9	79.9	74.6	73.0	73.0	72.1	72.1	72.1	70.3	70.3	157.5°	0.0
87.8	85.1	78.2	73.0	71.2	70.3	69.5	70.3	68.6	67.7	66.9	160°	0.0
86.0	82.6	74.6	70.3	69.5	67.7	66.9	66.9	66.9	65.1	65.1	162.5°	0.0
85.1	80.8	73.0	68.6	66.9	65.1	64.3	64.3	66.0	64.3	64.3	165°	0.0
84.4	78.2	70.3	65.1	64.3	62.5	61.6	62.5	65.1	63.4	62.5	167.5°	0.0
80.8	76.4	68.6	64.3	62.5	60.8	60.0	60.8	62.5	62.5	62.5	170°	0.0
79.1	74.6	66.9	62.5	61.6	60.0	59.1	59.1	61.6	61.6	60.8	172.5°	0.0
76.4	73.0	65.1	60.0	58.2	58.2	57.3	57.3	58.2	58.2	59.1	175°	0.0
73.0	71.2	63.4	57.3	56.4	55.7	55.7	55.7	55.7	57.3	57.3	177.5°	0.0
69.5	68.6	60.8	55.7	53.9	53.9	53.9	53.9	53.9	54.8	55.7	180°	0.0
64.3	64.3	57.3	52.1	51.2	50.3	50.3	50.3	50.3	51.2	52.1		
59.1	60.0	53.0	47.8	46.9	46.9	46.9	46.9	47.8	47.8	48.7		
53.9	54.8	47.8	42.6	42.6	42.6	42.6	42.6	42.6	42.6	44.3		
48.7	48.7	40.9	35.7	36.5	37.4	38.2	37.4	37.4	38.2	40.9		
41.7	40.9	33.9	29.6	29.6	31.4	32.2	31.4	32.2	32.2	35.7		
33.0	33.0	26.1	21.6	21.6	25.2	25.2	25.2	26.1	26.9	29.6		
25.2	24.3	18.2	14.7	14.7	17.3	18.2	19.1	20.0	20.8	22.5		
14.7	14.7	9.5	6.1	7.0	7.8	10.4	10.4	10.4	12.1	14.7		
0.0	0.9	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	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

271675
 IST-AF-1200-LED-E1-SLL-7027

REPORT NUMBER: P271675
 CATALOG NUMBER: IST-AF-12

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°	1705.4	1705.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1477.8	1476.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	1212.8	1205.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	940.1	968.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	677.7	697.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	471.8	482.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	325.0	345.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	252.9	255.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	208.5	210.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	185.1	188.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	155.6	159.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	137.4	140.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	126.0	127.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	114.6	114.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	105.1	106.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	98.2	99.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	92.1	93.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	83.5	85.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	75.5	76.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	70.3	70.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	66.9	67.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	65.1	66.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	64.3	66.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	64.3	65.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	63.4	64.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	63.4	65.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	60.8	62.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	59.1	60.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	56.4	59.1
										70°	53.9	56.4
										72.5°	50.3	53.9
										75°	46.9	49.6
										77.5°	42.6	45.2
										80°	37.4	38.2
										82.5°	31.4	31.4
										85°	23.4	20.8
										87.5°	13.0	13.9
										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: P271675

CATALOG NUMBER: IST-AF-1200-LED-E1

00-LED-E1-SLL-7027

tinued):

CANDELA DISTRIBUTION (continued):

225°	230°	235°	240°	245°	250°	255°	260°	265°		215°	220°	225°
1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	110°	0.0	0.0	0.0
1458.7	1458.7	1484.8	1487.4	1457.1	1464.8	1479.6	1462.2	1481.3	112.5°	0.0	0.0	0.0
1224.1	1213.7	1214.6	1207.6	1219.8	1206.0	1220.7	1215.5	1211.2	115°	0.0	0.0	0.0
950.5	968.7	955.7	930.5	950.5	934.9	905.3	907.8	874.9	117.5°	0.0	0.0	0.0
714.2	701.1	694.2	682.0	649.8	655.9	623.0	628.2	639.4	120°	0.0	0.0	0.0
492.6	483.1	494.3	486.5	473.5	476.1	483.1	490.0	508.2	122.5°	0.0	0.0	0.0
345.8	341.4	338.8	344.1	358.9	366.7	378.0	398.8	409.2	125°	0.0	0.0	0.0
259.8	260.7	258.0	265.9	278.0	284.1	286.6	288.4	300.7	127.5°	0.0	0.0	0.0
214.5	218.1	217.2	219.8	216.3	212.9	215.4	210.2	205.9	130°	0.0	0.0	0.0
187.7	188.6	184.2	183.3	178.1	173.7	170.3	170.3	168.5	132.5°	0.0	0.0	0.0
159.0	159.9	155.6	155.6	154.7	157.2	155.6	152.0	151.2	135°	0.0	0.0	0.0
142.5	140.8	138.1	138.1	136.5	136.5	137.4	138.1	137.4	137.5°	0.0	0.0	0.0
127.6	126.0	125.1	126.0	125.1	126.0	126.8	126.0	126.8	140°	0.0	0.0	0.0
117.3	115.5	115.5	116.4	115.5	116.4	116.4	116.4	115.5	142.5°	0.0	0.0	0.0
108.5	106.9	106.9	106.9	106.0	104.2	102.6	99.9	97.3	145°	0.0	0.0	0.0
101.7	100.8	99.0	98.2	95.6	90.4	88.7	88.7	88.7	147.5°	0.0	0.0	0.0
95.6	93.9	93.0	89.5	86.0	84.4	84.4	84.4	84.4	150°	0.0	0.0	0.0
87.8	85.1	83.5	82.6	81.7	81.7	80.8	80.8	80.8	152.5°	0.0	0.0	0.0
78.2	77.3	77.3	78.2	78.2	78.2	78.2	77.3	78.2	155°	0.0	0.0	0.0
72.1	72.1	73.0	73.8	74.6	75.5	76.4	75.5	76.4	157.5°	0.0	0.0	0.0
69.5	69.5	69.5	71.2	72.1	73.0	74.6	74.6	74.6	160°	0.0	0.0	0.0
67.7	67.7	68.6	69.5	70.3	71.2	72.1	73.0	73.8	162.5°	0.0	0.0	0.0
66.9	67.7	66.9	67.7	68.6	70.3	71.2	71.2	72.1	165°	0.0	0.0	0.0
66.9	66.9	66.9	66.9	68.6	69.5	68.6	69.5	70.3	167.5°	0.0	0.0	0.0
66.9	66.9	66.0	66.9	67.7	68.6	67.7	67.7	69.5	170°	0.0	0.0	0.0
66.0	66.9	66.0	66.0	66.9	67.7	66.9	67.7	68.6	172.5°	0.0	0.0	0.0
64.3	65.1	64.3	65.1	65.1	66.0	66.0	66.0	66.9	175°	0.0	0.0	0.0
62.5	62.5	62.5	63.4	63.4	64.3	64.3	65.1	64.3	177.5°	0.0	0.0	0.0
60.8	60.8	60.8	61.6	61.6	62.5	63.4	62.5	62.5	180°	0.0	0.0	0.0
59.1	58.2	57.3	58.2	59.1	59.1	60.0	59.1	60.0				
56.4	55.7	54.8	54.8	55.7	55.7	56.4	55.7	55.7				
52.1	52.1	50.3	50.3	50.3	50.3	51.2	50.3	49.6				
46.9	46.9	45.2	45.2	45.2	45.2	44.3	44.3	44.3				
39.1	40.0	40.0	39.1	39.1	38.2	38.2	37.4	36.5				
29.6	31.4	32.2	32.2	32.2	32.2	32.2	30.5	28.7				
20.8	23.4	26.1	26.1	25.2	25.2	25.2	22.5	20.0				
13.0	15.6	16.5	18.2	15.6	14.7	14.7	13.0	12.1				
0.0	0.0	1.8	0.9	2.7	2.7	3.4	1.8	0.9				
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	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				



REPORT NUMBER: P271675

CATALOG NUMBER: IST-AF-1200-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°	1705.4	1705.4	1705.4	1705.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1464.8	1496.9	1501.2	1505.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	1204.2	1236.2	1218.0	1225.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	879.2	858.4	885.3	901.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	642.1	666.4	676.9	695.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	532.5	548.2	567.3	597.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	431.7	443.1	467.4	496.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	314.5	331.0	346.7	371.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	211.1	218.1	237.2	248.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	169.4	172.0	175.5	185.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	152.0	153.8	156.3	159.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	138.1	139.0	141.7	143.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	126.0	125.1	126.0	128.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	113.0	113.0	114.6	114.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	97.3	96.5	98.2	100.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	89.5	90.4	92.1	93.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	85.1	86.0	87.8	89.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	80.8	82.6	84.4	86.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	78.2	79.9	82.6	85.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	77.3	79.1	81.7	85.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	75.5	78.2	80.8	84.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	75.5	77.3	79.9	84.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	73.0	75.5	78.2	82.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	71.2	73.0	76.4	81.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	70.3	72.1	75.5	80.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	68.6	71.2	74.6	79.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	66.9	69.5	73.0	78.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	64.3	67.7	71.2	74.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	62.5	64.3	67.7	71.2
								70°	59.1	60.8	63.4	66.0
								72.5°	54.8	55.7	57.3	60.0
								75°	48.7	49.6	50.3	53.0
								77.5°	42.6	42.6	43.5	46.9
								80°	35.7	35.7	36.5	38.2
								82.5°	26.9	26.9	28.7	31.4
								85°	19.1	18.2	20.8	22.5
								87.5°	11.3	10.4	11.3	11.3
								90°	0.9	2.7	1.8	1.8
								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: P271675

CATALOG NUMBER: IST-AF-1200-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°	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1605.5	1628.2	1663.8	1670.7	1699.3	1719.4
0.0	0.0	0.0	0.0	0.0	0.0	5°	1360.6	1414.4	1433.5	1470.9	1536.0	1569.1
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1122.5	1163.3	1209.4	1269.3	1317.2	1373.6
0.0	0.0	0.0	0.0	0.0	0.0	10°	923.5	981.8	1041.8	1090.4	1157.3	1225.0
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	820.2	852.3	911.4	980.1	1063.4	1139.1
0.0	0.0	0.0	0.0	0.0	0.0	15°	766.3	804.5	867.9	941.0	1029.5	1123.4
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	699.4	760.1	832.3	936.6	1051.3	1181.6
0.0	0.0	0.0	0.0	0.0	0.0	20°	633.3	707.2	801.8	939.2	1098.2	1267.6
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	575.2	662.9	782.9	954.8	1158.2	1384.0
0.0	0.0	0.0	0.0	0.0	0.0	25°	506.6	623.9	768.1	987.0	1250.2	1540.4
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	451.8	586.4	746.3	1014.7	1334.5	1690.7
0.0	0.0	0.0	0.0	0.0	0.0	30°	390.9	542.9	715.9	1024.2	1437.0	1814.0
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	342.3	502.2	681.2	1015.6	1483.0	1900.1
0.0	0.0	0.0	0.0	0.0	0.0	35°	318.9	472.6	651.6	985.2	1521.3	1993.0
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	303.2	440.5	623.0	934.9	1564.7	2085.1
0.0	0.0	0.0	0.0	0.0	0.0	40°	283.2	415.3	599.5	898.3	1598.6	2161.6
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	265.0	392.6	581.2	866.1	1607.2	2230.2
0.0	0.0	0.0	0.0	0.0	0.0	45°	249.4	378.7	567.3	867.9	1613.4	2325.8
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	237.2	365.8	562.1	897.5	1677.7	2458.8
0.0	0.0	0.0	0.0	0.0	0.0	50°	225.9	354.5	553.4	954.8	1781.1	2638.5
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	212.9	338.8	542.1	1013.8	1894.0	2879.2
0.0	0.0	0.0	0.0	0.0	0.0	55°	195.5	318.0	530.0	1063.4	2047.8	3172.1
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	168.5	293.7	522.2	1088.7	2142.5	3340.5
0.0	0.0	0.0	0.0	0.0	0.0	59°	154.7	270.2	517.9	1076.5	2167.7	3369.3
0.0	0.0	0.0	0.0	0.0	0.0	60°	146.9	256.3	510.9	1061.7	2174.7	3350.9
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	136.5	223.3	482.2	987.9	2077.3	3130.3
0.0	0.0	0.0	0.0	0.0	0.0	65°	139.0	211.1	417.0	841.0	1854.0	2699.4
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	142.5	205.9	360.6	679.4	1477.8	2233.6
						70°	139.9	203.3	327.5	540.4	1106.8	1672.5
						72.5°	136.5	192.0	284.1	434.4	701.9	1171.1
						75°	120.7	161.5	223.3	298.0	443.1	853.2
						77.5°	94.7	124.2	158.1	185.1	225.0	602.0
						80°	69.5	90.4	103.3	111.2	125.1	411.0
						82.5°	49.6	60.8	66.0	70.3	83.5	307.6
						85°	37.4	42.6	46.0	46.0	56.4	217.2
						87.5°	20.8	21.6	21.6	23.4	27.8	59.1
						90°	6.1	6.1	5.2	6.1	4.3	3.4
						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: P271675

CATALOG NUMBER: IST-AF-1200-LED-E1-SLL-7027

CANDELA DISTRIBUTION (continued):

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
1705.4	1705.4	1705.4	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1741.9	1755.0	1765.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1619.5	1651.6	1657.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1436.1	1488.2	1506.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1301.5	1358.0	1377.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1227.6	1293.6	1314.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1229.4	1308.4	1338.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1309.3	1399.6	1437.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1446.6	1577.7	1605.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1632.5	1761.0	1802.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1807.1	1977.3	2009.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979.1	2147.7	2176.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2112.1	2288.4	2312.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2239.7	2438.8	2465.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2382.2	2602.1	2633.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2510.9	2762.7	2782.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2653.3	2894.0	2899.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2769.7	2991.3	2993.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2882.8	3082.5	3083.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000.9	3182.4	3169.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3187.6	3300.6	3313.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3471.8	3572.5	3587.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3801.9	3941.8	3921.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3941.8	4101.6	4118.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3918.2	4136.3	4164.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3880.9	4125.9	4159.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3668.9	4017.4	4070.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3312.8	3792.4	3867.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2854.9	3456.0	3516.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2227.5	2808.8	2860.1								
1480.5	1928.8	2017.3								
941.0	1244.2	1227.6								
694.2	808.8	809.7								
503.9	555.2	549.0								
390.1	338.8	337.9								
136.5	119.9	117.3								
59.1	49.6	50.3								
2.7	2.7	3.4								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								

