

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: P227268

Luminaire Tested: **IST-AF-1000-LED-E1-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P227268  
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-1000-LED-E1-SLL  
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE  
LIGHT SQUARE WITH ACCUED OPTICS-90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (16) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5341.4 lumens  
Efficiency: N/A  
Efficacy: 97.8 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): 54.6  
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



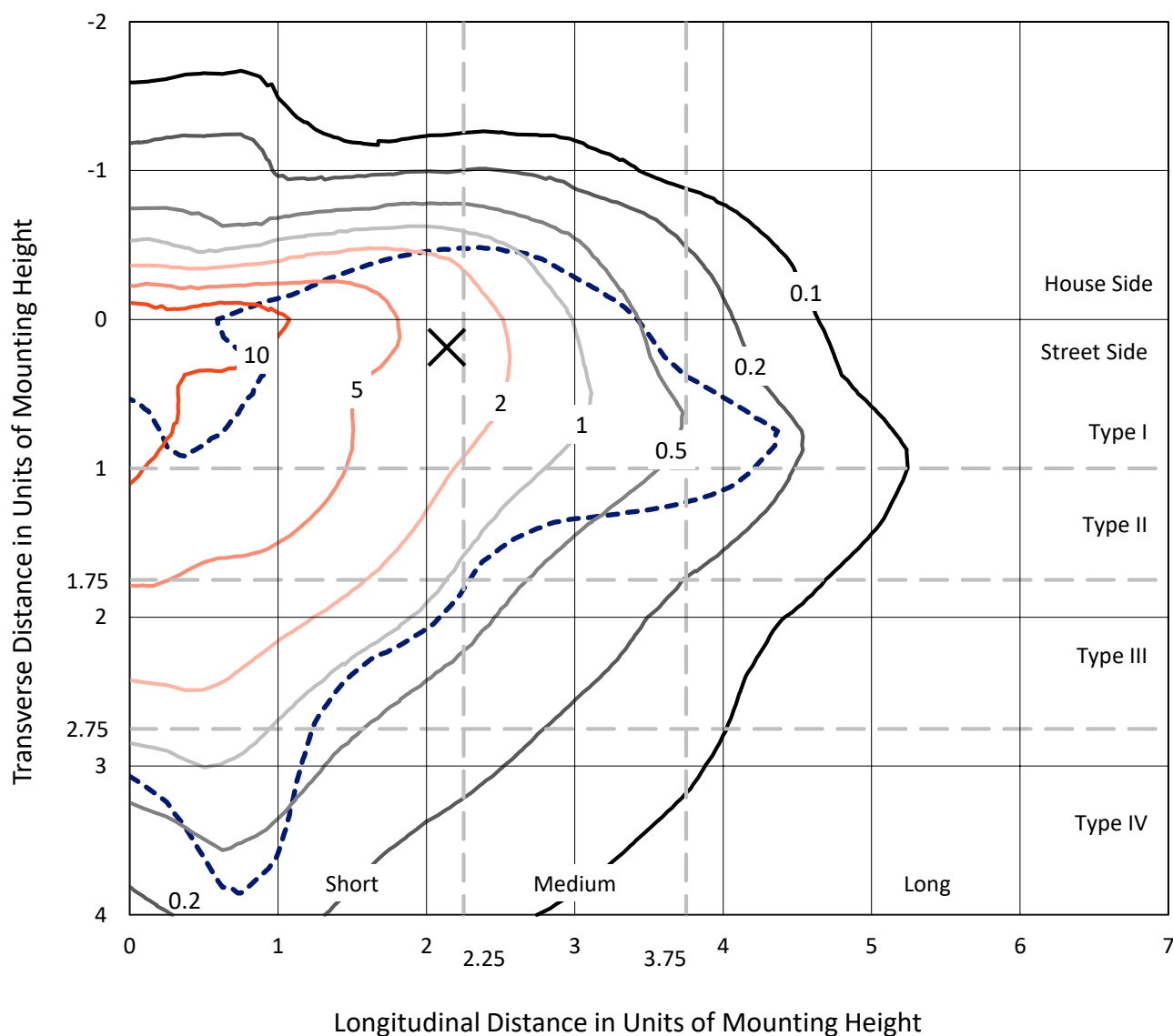
REPORT NUMBER: P227268

CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

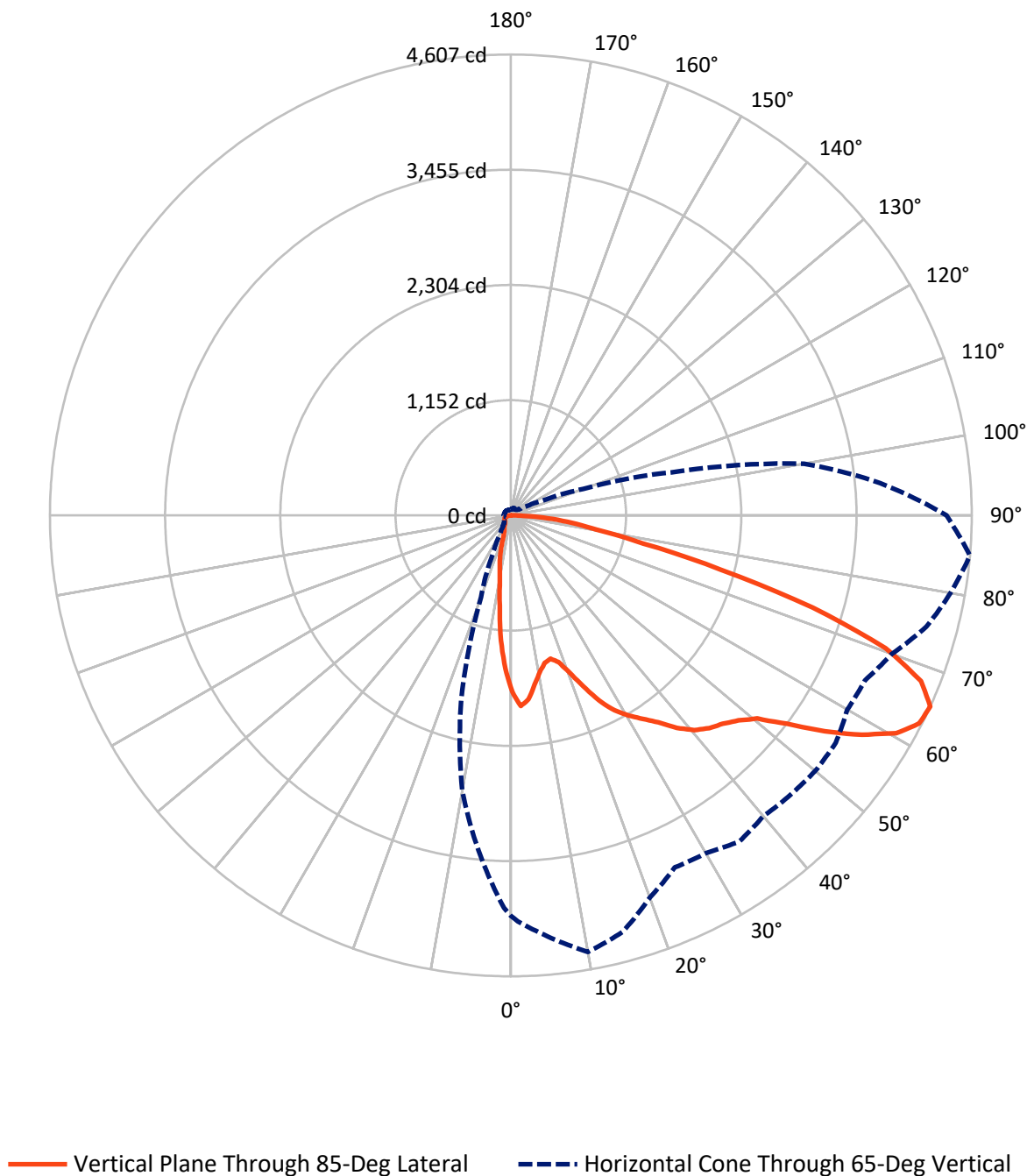


Based on 10 foot mounting height. Maximum calculated value = 19.3 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P227268

CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

## Luminous Intensity Polar Plot



REPORT NUMBER: P227268

CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

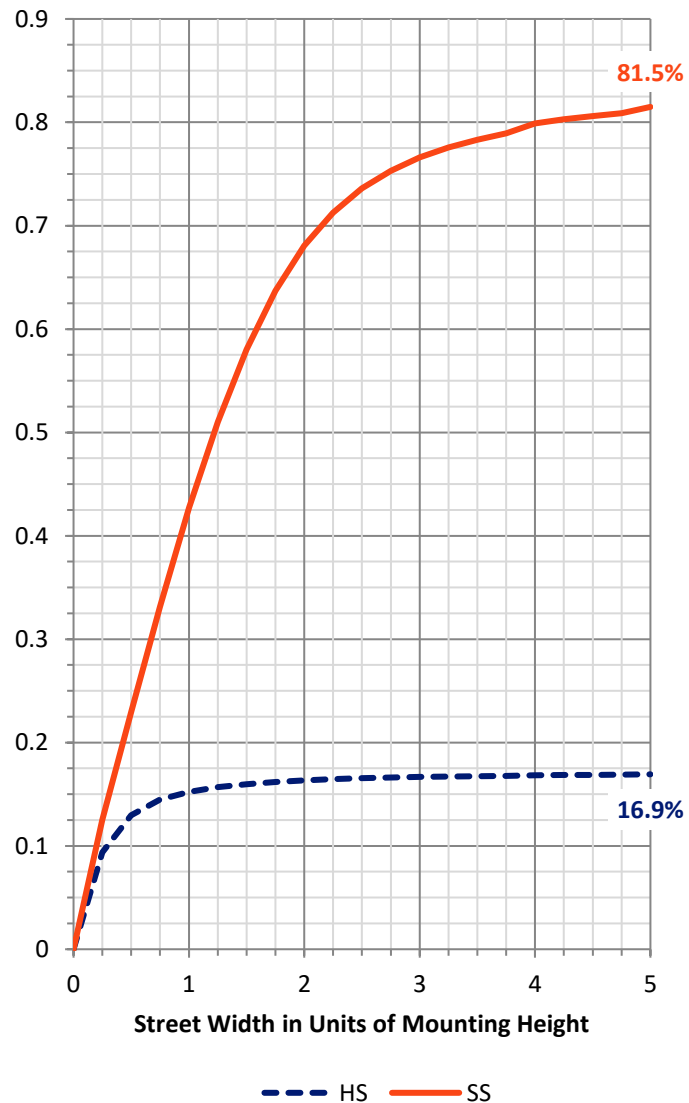
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 916.2    | 0.0    | 916.3  |
|                    | % Fixture | 17.2     | 0.0    | 17.2   |
| <b>Street Side</b> | Lumens    | 4424.9   | 0.2    | 4425.1 |
|                    | % Fixture | 82.8     | 0.0    | 82.8   |
| <b>Total</b>       | Lumens    | 5341.2   | 0.2    | 5341.4 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 130.7  | 2.4       |
| 10°-20°   | 251.5  | 4.7       |
| 20°-30°   | 358.7  | 6.7       |
| 30°-40°   | 520.3  | 9.7       |
| 40°-50°   | 744.4  | 13.9      |
| 50°-60°   | 1142.9 | 21.4      |
| 60°-70°   | 1322.9 | 24.8      |
| 70°-80°   | 674.9  | 12.6      |
| 80°-90°   | 194.8  | 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°    | 5341.2 | 100.0     |
| 0°-180°   | 5341.4 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P227268

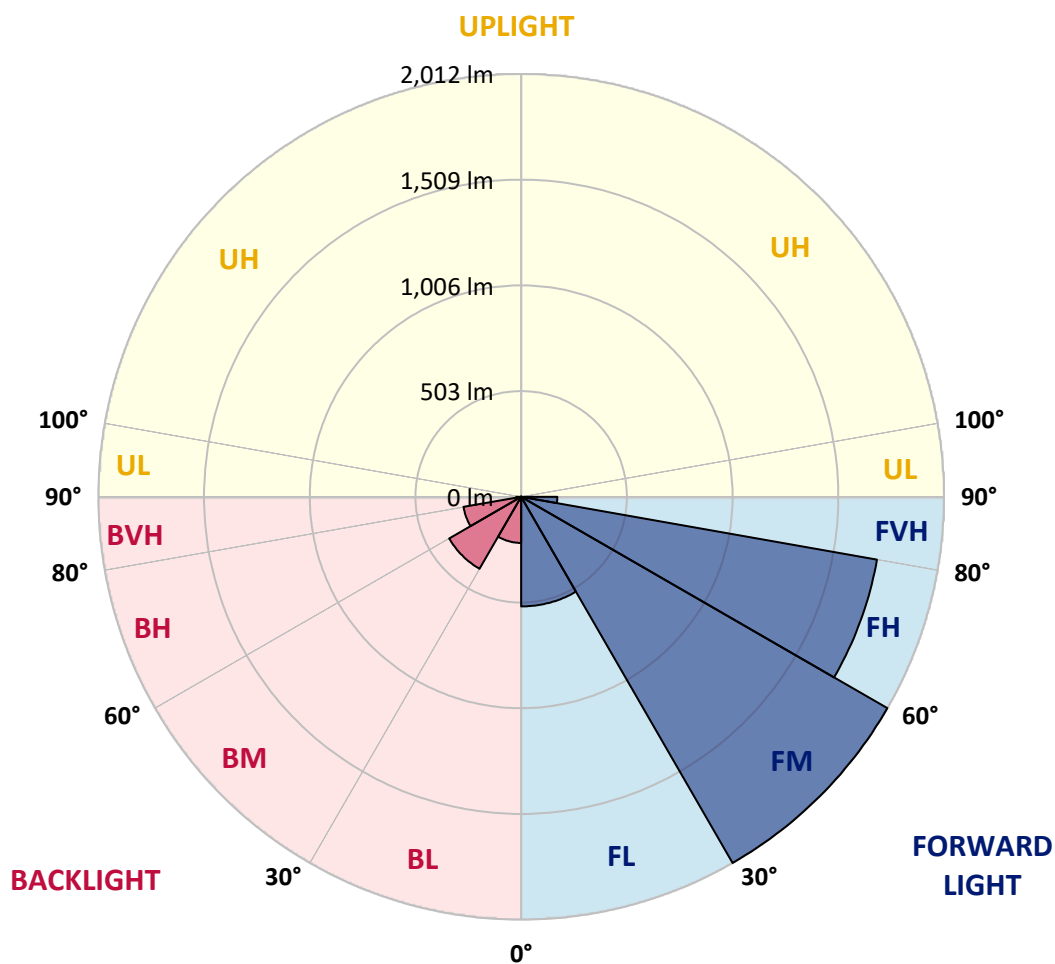
CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 521.7  | 9.8       |                         |       |         |
| FM   | (30°-60°)   | 2012.0 | 37.7      |                         |       |         |
| FH   | (60°-80°)   | 1719.1 | 32.2      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 172.1  | 3.2       |                         |       | G2/225  |
| BL   | (0°-30°)    | 219.3  | 4.1       | B1/500                  |       |         |
| BM   | (30°-60°)   | 395.6  | 7.4       | B1/1000                 |       |         |
| BH   | (60°-80°)   | 278.7  | 5.2       | B1/500                  |       | G1/500  |
| BVH  | (80°-90°)   | 22.6   | 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



REPORT NUMBER: P227268

CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 1°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 |
| 2.5°   | 1826.6 | 1828.4 | 1853.6 | 1877.8 | 1908.4 | 1903.9 | 1929.1 | 1948.0 | 1965.1 | 1967.7 | 1980.3 |
| 5°     | 1715.2 | 1733.1 | 1789.8 | 1838.2 | 1899.4 | 1947.1 | 1998.3 | 2038.7 | 2068.4 | 2096.2 | 2099.9 |
| 7.5°   | 1558.8 | 1572.2 | 1637.8 | 1714.3 | 1802.3 | 1865.2 | 1942.6 | 2010.0 | 2057.7 | 2102.6 | 2112.5 |
| 10°    | 1424.8 | 1437.3 | 1510.2 | 1609.1 | 1686.3 | 1768.2 | 1848.2 | 1903.0 | 1965.1 | 2003.7 | 2022.6 |
| 12.5°  | 1360.1 | 1375.4 | 1444.6 | 1534.4 | 1613.6 | 1692.7 | 1752.9 | 1800.5 | 1835.6 | 1842.7 | 1848.2 |
| 15°    | 1385.3 | 1393.4 | 1469.8 | 1549.8 | 1612.7 | 1652.2 | 1668.4 | 1697.2 | 1694.4 | 1708.8 | 1711.5 |
| 17.5°  | 1486.9 | 1483.2 | 1564.1 | 1619.8 | 1650.4 | 1645.9 | 1620.8 | 1605.4 | 1578.5 | 1570.4 | 1593.8 |
| 20°    | 1661.2 | 1673.8 | 1725.9 | 1760.1 | 1728.6 | 1655.9 | 1586.6 | 1538.9 | 1501.2 | 1488.6 | 1485.9 |
| 22.5°  | 1865.2 | 1881.4 | 1938.1 | 1920.1 | 1840.1 | 1707.0 | 1581.2 | 1504.8 | 1458.0 | 1444.6 | 1439.2 |
| 25°    | 2079.2 | 2090.0 | 2118.7 | 2057.7 | 1945.2 | 1772.7 | 1618.9 | 1512.0 | 1449.9 | 1430.2 | 1427.5 |
| 27.5°  | 2251.8 | 2262.6 | 2249.1 | 2179.0 | 2016.2 | 1846.4 | 1671.1 | 1544.3 | 1463.4 | 1443.7 | 1434.7 |
| 30°    | 2392.9 | 2398.3 | 2353.4 | 2266.1 | 2104.4 | 1928.2 | 1739.4 | 1601.0 | 1506.6 | 1461.6 | 1455.4 |
| 32.5°  | 2551.1 | 2547.6 | 2460.3 | 2339.9 | 2179.0 | 2001.9 | 1817.6 | 1664.8 | 1547.9 | 1493.1 | 1483.2 |
| 35°    | 2724.6 | 2693.1 | 2539.5 | 2412.7 | 2230.2 | 2058.5 | 1888.7 | 1732.3 | 1614.4 | 1541.7 | 1529.1 |
| 37.5°  | 2879.2 | 2846.9 | 2641.1 | 2470.2 | 2281.5 | 2102.6 | 1944.3 | 1819.4 | 1716.0 | 1649.5 | 1644.1 |
| 40°    | 2999.7 | 2960.1 | 2718.3 | 2508.9 | 2306.7 | 2134.9 | 2010.0 | 1929.1 | 1860.7 | 1806.8 | 1806.8 |
| 42.5°  | 3096.8 | 3053.6 | 2793.9 | 2553.8 | 2329.1 | 2184.4 | 2119.7 | 2091.8 | 2077.4 | 2047.7 | 2058.5 |
| 45°    | 3190.3 | 3146.2 | 2855.9 | 2582.6 | 2379.5 | 2280.6 | 2289.6 | 2313.8 | 2357.0 | 2339.9 | 2355.1 |
| 47.5°  | 3279.3 | 3236.1 | 2925.9 | 2628.5 | 2476.6 | 2453.1 | 2499.9 | 2597.0 | 2681.5 | 2748.0 | 2794.7 |
| 50°    | 3428.5 | 3377.3 | 3051.9 | 2763.3 | 2629.3 | 2641.1 | 2775.9 | 2966.5 | 3103.9 | 3165.1 | 3161.5 |
| 52.5°  | 3711.7 | 3638.8 | 3322.4 | 3014.9 | 2847.8 | 2912.5 | 3071.6 | 3311.6 | 3491.4 | 3539.0 | 3557.9 |
| 55°    | 4057.7 | 4000.1 | 3713.4 | 3348.4 | 3227.1 | 3249.6 | 3447.3 | 3718.8 | 3857.2 | 3906.8 | 3922.9 |
| 57.5°  | 4260.9 | 4245.6 | 4065.8 | 3705.3 | 3587.6 | 3578.6 | 3836.6 | 4058.7 | 4178.1 | 4224.9 | 4210.6 |
| 59°    | 4308.6 | 4313.0 | 4210.6 | 3957.9 | 3796.2 | 3776.3 | 4038.8 | 4244.7 | 4344.5 | 4358.9 | 4351.6 |
| 60°    | 4304.1 | 4329.2 | 4316.6 | 4096.4 | 3928.2 | 3903.1 | 4124.2 | 4320.2 | 4403.8 | 4426.3 | 4401.1 |
| 62.5°  | 4211.4 | 4254.6 | 4374.1 | 4350.8 | 4227.7 | 4099.1 | 4203.3 | 4345.4 | 4399.3 | 4377.7 | 4358.9 |
| 65°    | 4001.1 | 4057.7 | 4224.1 | 4430.8 | 4312.1 | 4064.0 | 3881.5 | 3897.7 | 3979.5 | 3925.6 | 3951.7 |
| 67.5°  | 3637.9 | 3702.7 | 3790.7 | 4260.0 | 4087.4 | 3671.2 | 3357.4 | 3203.8 | 3165.1 | 3217.3 | 3299.9 |
| 70°    | 2959.2 | 3001.5 | 3224.4 | 3887.8 | 3589.4 | 3017.7 | 2624.0 | 2419.0 | 2350.6 | 2471.1 | 2555.6 |
| 72.5°  | 2087.3 | 2150.2 | 2444.1 | 3217.3 | 2953.0 | 2417.2 | 1985.8 | 1796.9 | 1728.6 | 1734.0 | 1807.8 |
| 75°    | 1270.2 | 1355.6 | 1707.9 | 2544.0 | 2327.3 | 1851.7 | 1512.8 | 1377.1 | 1356.4 | 1344.8 | 1332.2 |
| 77.5°  | 837.8  | 870.1  | 1122.8 | 1755.6 | 1569.5 | 1316.9 | 1135.4 | 1191.0 | 1253.1 | 1266.6 | 1282.8 |
| 80°    | 568.1  | 578.0  | 728.1  | 1231.5 | 1033.8 | 972.6  | 917.8  | 1049.0 | 1166.8 | 1188.4 | 1176.7 |
| 82.5°  | 349.6  | 379.3  | 507.9  | 830.6  | 824.3  | 795.5  | 725.5  | 827.9  | 906.1  | 919.6  | 943.9  |
| 85°    | 121.3  | 126.7  | 311.9  | 733.6  | 837.8  | 846.8  | 597.8  | 471.9  | 530.4  | 520.5  | 374.0  |
| 87.5°  | 52.2   | 58.4   | 97.1   | 490.8  | 567.2  | 469.2  | 273.2  | 242.7  | 187.0  | 105.2  | 101.6  |
| 90°    | 3.6    | 3.6    | 2.7    | 4.5    | 13.5   | 9.0    | 8.1    | 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    |



REPORT NUMBER: P227268

CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

**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: P227268

CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 |
| 2.5°   | 1977.7 | 1965.9 | 1973.2 | 1963.2 | 1947.1 | 1936.2 | 1923.7 | 1907.5 | 1888.7 | 1863.5 | 1838.2 |
| 5°     | 2091.8 | 2082.8 | 2060.3 | 2028.0 | 1983.0 | 1945.2 | 1900.3 | 1847.2 | 1803.3 | 1746.6 | 1693.6 |
| 7.5°   | 2101.7 | 2087.3 | 2045.9 | 1985.8 | 1916.5 | 1846.4 | 1793.3 | 1707.0 | 1651.3 | 1561.4 | 1501.2 |
| 10°    | 2011.7 | 2012.7 | 1971.3 | 1914.7 | 1842.7 | 1760.1 | 1683.7 | 1589.3 | 1507.5 | 1415.8 | 1315.1 |
| 12.5°  | 1879.7 | 1892.3 | 1894.0 | 1843.7 | 1773.6 | 1686.3 | 1601.0 | 1511.1 | 1409.5 | 1311.5 | 1218.9 |
| 15°    | 1729.5 | 1765.5 | 1768.2 | 1755.6 | 1718.8 | 1645.0 | 1566.9 | 1485.9 | 1382.5 | 1275.5 | 1171.3 |
| 17.5°  | 1595.6 | 1629.8 | 1661.2 | 1690.0 | 1691.8 | 1656.7 | 1609.1 | 1539.8 | 1436.4 | 1310.6 | 1188.4 |
| 20°    | 1494.0 | 1530.8 | 1584.8 | 1637.8 | 1696.3 | 1714.3 | 1717.8 | 1673.8 | 1563.2 | 1409.5 | 1244.1 |
| 22.5°  | 1451.8 | 1494.9 | 1549.8 | 1649.5 | 1752.9 | 1816.8 | 1852.7 | 1852.7 | 1736.7 | 1556.9 | 1335.8 |
| 25°    | 1442.8 | 1477.9 | 1561.4 | 1685.5 | 1823.9 | 1935.4 | 2003.7 | 2049.6 | 1965.9 | 1746.6 | 1449.0 |
| 27.5°  | 1449.0 | 1496.7 | 1600.1 | 1726.8 | 1871.6 | 2014.5 | 2126.8 | 2206.8 | 2128.7 | 1876.1 | 1554.3 |
| 30°    | 1474.3 | 1545.3 | 1652.2 | 1783.4 | 1932.7 | 2083.6 | 2219.4 | 2321.0 | 2263.5 | 1993.8 | 1654.0 |
| 32.5°  | 1518.3 | 1604.6 | 1725.9 | 1844.6 | 1992.9 | 2156.5 | 2290.5 | 2424.4 | 2382.1 | 2075.6 | 1707.0 |
| 35°    | 1583.9 | 1685.5 | 1796.0 | 1915.6 | 2057.7 | 2221.2 | 2364.1 | 2539.5 | 2524.1 | 2178.1 | 1760.1 |
| 37.5°  | 1690.0 | 1794.3 | 1895.8 | 1998.3 | 2133.2 | 2292.2 | 2470.2 | 2694.0 | 2681.5 | 2330.0 | 1845.5 |
| 40°    | 1876.9 | 1938.1 | 2013.6 | 2079.2 | 2206.0 | 2357.9 | 2548.5 | 2821.7 | 2866.6 | 2460.3 | 1921.0 |
| 42.5°  | 2108.9 | 2144.8 | 2166.4 | 2184.4 | 2249.1 | 2392.1 | 2605.0 | 2907.1 | 2980.8 | 2557.4 | 1979.4 |
| 45°    | 2404.7 | 2393.8 | 2350.6 | 2309.3 | 2302.2 | 2411.8 | 2631.1 | 2970.0 | 3070.7 | 2651.8 | 2038.7 |
| 47.5°  | 2754.3 | 2730.9 | 2613.1 | 2477.4 | 2401.9 | 2447.7 | 2677.0 | 3062.6 | 3181.3 | 2775.9 | 2112.5 |
| 50°    | 3158.0 | 3103.0 | 2910.7 | 2681.5 | 2542.1 | 2549.3 | 2793.0 | 3191.2 | 3326.9 | 2937.7 | 2250.0 |
| 52.5°  | 3531.8 | 3433.8 | 3204.6 | 2901.7 | 2702.1 | 2726.5 | 3001.5 | 3457.3 | 3625.3 | 3205.5 | 2481.1 |
| 55°    | 3861.7 | 3735.9 | 3488.7 | 3157.0 | 2976.3 | 3018.5 | 3335.0 | 3809.6 | 3968.7 | 3524.7 | 2714.7 |
| 57.5°  | 4142.2 | 4008.3 | 3764.7 | 3472.5 | 3247.8 | 3282.9 | 3632.5 | 4136.8 | 4243.8 | 3811.4 | 2938.5 |
| 59°    | 4269.9 | 4137.7 | 3913.0 | 3643.3 | 3433.0 | 3506.7 | 3842.9 | 4299.6 | 4345.4 | 3922.0 | 3023.9 |
| 60°    | 4331.9 | 4199.7 | 4002.0 | 3738.6 | 3546.3 | 3643.3 | 3954.3 | 4422.7 | 4383.1 | 3938.2 | 3056.4 |
| 62.5°  | 4327.4 | 4234.8 | 4104.5 | 3924.7 | 3889.7 | 4051.4 | 4316.6 | 4580.9 | 4409.2 | 3891.4 | 3077.0 |
| 65°    | 3972.3 | 3964.2 | 3883.3 | 3904.0 | 4050.6 | 4300.4 | 4463.1 | 4607.0 | 4355.3 | 3705.3 | 2977.2 |
| 67.5°  | 3313.4 | 3346.7 | 3357.4 | 3484.2 | 3826.7 | 4251.0 | 4393.9 | 4421.8 | 4120.7 | 3307.1 | 2667.1 |
| 70°    | 2558.3 | 2484.6 | 2606.0 | 2829.8 | 3323.3 | 3869.8 | 4073.0 | 3975.9 | 3640.6 | 2769.5 | 2178.1 |
| 72.5°  | 1811.3 | 1832.9 | 2007.3 | 2297.6 | 2800.1 | 3366.4 | 3684.7 | 3155.2 | 2739.1 | 2072.9 | 1544.3 |
| 75°    | 1362.8 | 1464.4 | 1548.8 | 1803.3 | 2274.2 | 2883.7 | 3146.2 | 2169.1 | 1784.3 | 1429.3 | 1010.4 |
| 77.5°  | 1306.1 | 1298.0 | 1233.3 | 1287.3 | 1639.6 | 2019.9 | 2244.6 | 1353.8 | 1117.4 | 934.9  | 610.4  |
| 80°    | 1207.3 | 1138.0 | 1020.3 | 968.1  | 1032.9 | 1297.1 | 1424.8 | 870.1  | 743.4  | 653.6  | 344.3  |
| 82.5°  | 936.7  | 890.0  | 765.9  | 762.3  | 861.1  | 921.4  | 979.8  | 616.6  | 559.1  | 529.5  | 211.2  |
| 85°    | 594.2  | 610.4  | 625.6  | 763.2  | 955.5  | 966.4  | 762.3  | 375.7  | 294.8  | 415.3  | 134.8  |
| 87.5°  | 176.2  | 286.7  | 347.9  | 590.5  | 861.1  | 863.9  | 573.5  | 123.2  | 110.6  | 129.4  | 78.3   |
| 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: P227268

CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

**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: P227268

CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 105°   | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 |
| 2.5°   | 1812.3 | 1808.6 | 1783.4 | 1741.2 | 1744.8 | 1725.0 | 1699.8 | 1659.4 | 1651.3 | 1628.8 | 1625.3 |
| 5°     | 1648.6 | 1606.3 | 1551.5 | 1485.0 | 1459.9 | 1425.7 | 1390.6 | 1365.4 | 1334.0 | 1305.2 | 1343.9 |
| 7.5°   | 1430.2 | 1368.2 | 1304.4 | 1234.2 | 1193.8 | 1138.0 | 1108.4 | 1050.9 | 1008.6 | 1000.5 | 967.2  |
| 10°    | 1247.7 | 1169.5 | 1096.7 | 1033.8 | 958.2  | 906.1  | 868.4  | 836.9  | 808.1  | 773.0  | 751.5  |
| 12.5°  | 1126.4 | 1038.3 | 961.0  | 882.7  | 846.8  | 803.6  | 780.3  | 750.6  | 709.2  | 679.5  | 650.8  |
| 15°    | 1071.5 | 976.2  | 891.7  | 823.4  | 771.3  | 730.8  | 689.5  | 653.6  | 608.6  | 575.3  | 542.1  |
| 17.5°  | 1064.3 | 940.3  | 833.3  | 756.9  | 700.2  | 656.2  | 601.4  | 553.7  | 498.9  | 462.1  | 434.1  |
| 20°    | 1072.5 | 913.3  | 779.4  | 679.5  | 622.1  | 544.7  | 493.5  | 435.1  | 381.2  | 332.6  | 288.6  |
| 22.5°  | 1104.8 | 899.0  | 726.3  | 616.6  | 531.2  | 443.1  | 388.3  | 313.7  | 267.9  | 221.2  | 204.1  |
| 25°    | 1148.8 | 890.0  | 680.5  | 547.5  | 439.6  | 352.4  | 277.7  | 215.7  | 195.1  | 183.4  | 177.1  |
| 27.5°  | 1195.5 | 873.7  | 629.2  | 483.7  | 365.9  | 259.8  | 207.7  | 181.6  | 173.5  | 167.2  | 162.8  |
| 30°    | 1230.6 | 842.3  | 566.3  | 415.3  | 291.2  | 222.1  | 185.2  | 168.1  | 162.8  | 155.5  | 151.0  |
| 32.5°  | 1245.9 | 793.7  | 509.7  | 350.6  | 245.4  | 190.6  | 161.8  | 151.9  | 146.5  | 140.2  | 137.5  |
| 35°    | 1243.2 | 738.9  | 480.9  | 325.4  | 224.7  | 169.0  | 142.0  | 135.7  | 128.6  | 122.2  | 116.0  |
| 37.5°  | 1245.9 | 688.5  | 458.5  | 319.2  | 215.7  | 152.8  | 129.4  | 124.9  | 119.6  | 113.2  | 107.9  |
| 40°    | 1256.7 | 660.7  | 447.6  | 305.7  | 208.6  | 146.5  | 119.6  | 115.1  | 114.2  | 107.0  | 102.5  |
| 42.5°  | 1261.2 | 663.4  | 442.2  | 286.7  | 190.6  | 144.7  | 119.6  | 109.7  | 109.7  | 104.2  | 98.9   |
| 45°    | 1255.8 | 683.2  | 445.9  | 276.0  | 177.1  | 135.7  | 125.8  | 109.7  | 107.0  | 102.5  | 97.1   |
| 47.5°  | 1271.9 | 697.6  | 445.9  | 274.2  | 168.1  | 126.7  | 119.6  | 120.5  | 108.7  | 103.4  | 95.2   |
| 50°    | 1338.5 | 711.1  | 436.9  | 271.5  | 165.4  | 117.7  | 113.2  | 118.7  | 122.2  | 105.2  | 96.2   |
| 52.5°  | 1456.3 | 728.1  | 427.0  | 267.0  | 161.8  | 110.6  | 105.2  | 111.5  | 124.9  | 110.6  | 96.2   |
| 55°    | 1576.7 | 758.7  | 420.7  | 259.8  | 156.4  | 106.1  | 95.2   | 107.0  | 114.2  | 109.7  | 95.2   |
| 57.5°  | 1705.3 | 792.0  | 414.4  | 242.7  | 143.8  | 101.6  | 91.7   | 93.5   | 102.5  | 106.1  | 92.6   |
| 59°    | 1743.9 | 808.1  | 409.0  | 230.2  | 133.1  | 98.0   | 89.0   | 86.3   | 91.7   | 101.6  | 90.8   |
| 60°    | 1771.8 | 809.1  | 402.7  | 219.3  | 126.7  | 96.2   | 87.2   | 83.6   | 85.4   | 104.2  | 91.7   |
| 62.5°  | 1774.5 | 808.1  | 382.9  | 196.8  | 114.2  | 92.6   | 84.5   | 80.0   | 78.3   | 87.2   | 93.5   |
| 65°    | 1663.0 | 770.4  | 347.0  | 185.2  | 115.1  | 89.0   | 80.0   | 76.4   | 72.8   | 74.6   | 80.9   |
| 67.5°  | 1454.4 | 673.3  | 309.2  | 187.9  | 121.3  | 86.3   | 76.4   | 72.8   | 70.1   | 68.3   | 71.0   |
| 70°    | 1100.3 | 559.1  | 298.4  | 194.2  | 126.7  | 84.5   | 71.0   | 67.4   | 65.6   | 64.8   | 64.8   |
| 72.5°  | 762.3  | 460.2  | 286.7  | 198.7  | 131.2  | 83.6   | 65.6   | 62.0   | 61.2   | 60.3   | 60.3   |
| 75°    | 490.8  | 334.4  | 237.3  | 169.0  | 119.6  | 76.4   | 59.3   | 55.8   | 54.8   | 53.9   | 54.8   |
| 77.5°  | 290.3  | 233.7  | 174.4  | 118.7  | 87.2   | 61.2   | 51.2   | 48.6   | 48.6   | 48.6   | 49.4   |
| 80°    | 160.9  | 138.4  | 116.0  | 76.4   | 62.0   | 45.8   | 42.2   | 39.6   | 39.6   | 40.4   | 42.2   |
| 82.5°  | 96.2   | 76.4   | 65.6   | 48.6   | 42.2   | 32.3   | 31.5   | 29.7   | 30.6   | 31.5   | 33.2   |
| 85°    | 62.9   | 48.6   | 39.6   | 32.3   | 28.7   | 20.7   | 18.0   | 18.9   | 19.7   | 21.6   | 22.5   |
| 87.5°  | 35.1   | 27.0   | 21.6   | 18.9   | 17.1   | 9.0    | 7.2    | 7.2    | 9.0    | 10.7   | 12.6   |
| 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: P227268  
CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

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: P227268  
NUMBER: IST-AF-1000-LED-E1-SLL

REPORT NUMBER: P  
CATALOG NUMBER:

| DISTRIBUTION (continued): |        |        |        |        |        |        |        |        |        |        | CANDELA DISTRIBU |      |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------|------|
| 160°                      | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   |                  | 160° |
| 1764.6                    | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 110°             | 0.0  |
| 1637.8                    | 1611.8 | 1583.9 | 1563.2 | 1572.2 | 1542.5 | 1545.3 | 1537.2 | 1533.5 | 1531.8 | 1512.8 | 112.5°           | 0.0  |
| 1297.1                    | 1307.0 | 1265.7 | 1270.2 | 1282.8 | 1252.2 | 1231.5 | 1265.7 | 1261.2 | 1230.6 | 1247.7 | 115°             | 0.0  |
| 934.9                     | 937.5  | 918.7  | 876.5  | 876.5  | 899.0  | 907.1  | 923.2  | 934.0  | 971.7  | 948.4  | 117.5°           | 0.0  |
| 714.6                     | 689.5  | 670.5  | 651.7  | 640.9  | 618.5  | 623.9  | 643.6  | 656.2  | 677.8  | 694.9  | 120°             | 0.0  |
| 621.1                     | 593.3  | 560.1  | 531.2  | 516.0  | 495.3  | 481.8  | 477.3  | 481.8  | 468.3  | 469.2  | 122.5°           | 0.0  |
| 516.0                     | 490.8  | 454.0  | 438.6  | 409.9  | 393.7  | 384.7  | 373.1  | 364.1  | 345.1  | 337.1  | 125°             | 0.0  |
| 400.0                     | 366.7  | 329.0  | 329.0  | 308.3  | 294.8  | 291.2  | 288.6  | 283.2  | 273.2  | 263.4  | 127.5°           | 0.0  |
| 266.1                     | 244.5  | 222.9  | 212.2  | 213.9  | 212.2  | 206.7  | 215.7  | 215.7  | 219.3  | 217.6  | 130°             | 0.0  |
| 194.2                     | 190.6  | 182.5  | 176.2  | 172.6  | 171.7  | 172.6  | 175.3  | 180.7  | 185.2  | 189.7  | 132.5°           | 0.0  |
| 174.4                     | 172.6  | 165.4  | 159.1  | 158.3  | 156.4  | 156.4  | 159.1  | 160.0  | 160.9  | 160.0  | 135°             | 0.0  |
| 161.8                     | 158.3  | 151.9  | 147.4  | 145.7  | 144.7  | 145.7  | 142.9  | 141.2  | 142.0  | 141.2  | 137.5°           | 0.0  |
| 146.5                     | 143.8  | 137.5  | 133.9  | 133.1  | 133.1  | 130.3  | 129.4  | 127.7  | 128.6  | 127.7  | 140°             | 0.0  |
| 134.8                     | 131.2  | 124.9  | 120.5  | 120.5  | 119.6  | 120.5  | 119.6  | 118.7  | 117.7  | 117.7  | 142.5°           | 0.0  |
| 113.2                     | 112.3  | 106.1  | 104.2  | 105.2  | 107.9  | 107.9  | 107.9  | 108.7  | 107.9  | 107.9  | 145°             | 0.0  |
| 105.2                     | 104.2  | 98.0   | 93.5   | 92.6   | 92.6   | 92.6   | 94.4   | 97.1   | 98.0   | 99.7   | 147.5°           | 0.0  |
| 99.7                      | 98.9   | 92.6   | 89.0   | 87.2   | 86.3   | 85.4   | 85.4   | 86.3   | 89.9   | 92.6   | 150°             | 0.0  |
| 96.2                      | 94.4   | 88.1   | 83.6   | 82.7   | 81.8   | 80.9   | 80.9   | 80.9   | 81.8   | 84.5   | 152.5°           | 0.0  |
| 94.4                      | 91.7   | 84.5   | 80.0   | 78.3   | 77.3   | 77.3   | 78.3   | 77.3   | 77.3   | 77.3   | 155°             | 0.0  |
| 91.7                      | 89.9   | 82.7   | 77.3   | 75.5   | 75.5   | 74.6   | 74.6   | 74.6   | 72.8   | 72.8   | 157.5°           | 0.0  |
| 90.8                      | 88.1   | 80.9   | 75.5   | 73.8   | 72.8   | 71.9   | 72.8   | 71.0   | 70.1   | 69.3   | 160°             | 0.0  |
| 89.0                      | 85.4   | 77.3   | 72.8   | 71.9   | 70.1   | 69.3   | 69.3   | 69.3   | 67.4   | 67.4   | 162.5°           | 0.0  |
| 88.1                      | 83.6   | 75.5   | 71.0   | 69.3   | 67.4   | 66.5   | 66.5   | 68.3   | 66.5   | 66.5   | 165°             | 0.0  |
| 87.2                      | 80.9   | 72.8   | 67.4   | 66.5   | 64.8   | 63.8   | 64.8   | 67.4   | 65.6   | 64.8   | 167.5°           | 0.0  |
| 83.6                      | 79.1   | 71.0   | 66.5   | 64.8   | 62.9   | 62.0   | 62.9   | 64.8   | 64.8   | 64.8   | 170°             | 0.0  |
| 81.8                      | 77.3   | 69.3   | 64.8   | 63.8   | 62.0   | 61.2   | 61.2   | 63.8   | 63.8   | 62.9   | 172.5°           | 0.0  |
| 79.1                      | 75.5   | 67.4   | 62.0   | 60.3   | 60.3   | 59.3   | 59.3   | 60.3   | 60.3   | 61.2   | 175°             | 0.0  |
| 75.5                      | 73.8   | 65.6   | 59.3   | 58.4   | 57.5   | 57.5   | 57.5   | 57.5   | 59.3   | 59.3   | 177.5°           | 0.0  |
| 71.9                      | 71.0   | 62.9   | 57.5   | 55.8   | 55.8   | 55.8   | 55.8   | 55.8   | 56.7   | 57.5   | 180°             | 0.0  |
| 66.5                      | 66.5   | 59.3   | 53.9   | 53.0   | 52.2   | 52.2   | 52.2   | 52.2   | 53.0   | 53.9   |                  |      |
| 61.2                      | 62.0   | 54.8   | 49.4   | 48.6   | 48.6   | 48.6   | 48.6   | 49.4   | 49.4   | 50.3   |                  |      |
| 55.8                      | 56.7   | 49.4   | 44.1   | 44.1   | 44.1   | 44.1   | 44.1   | 44.1   | 44.1   | 45.8   |                  |      |
| 50.3                      | 50.3   | 42.2   | 36.8   | 37.7   | 38.7   | 39.6   | 38.7   | 38.7   | 39.6   | 42.2   |                  |      |
| 43.2                      | 42.2   | 35.1   | 30.6   | 30.6   | 32.3   | 33.2   | 32.3   | 33.2   | 33.2   | 36.8   |                  |      |
| 34.2                      | 34.2   | 27.0   | 22.5   | 22.5   | 26.1   | 26.1   | 26.1   | 27.0   | 27.8   | 30.6   |                  |      |
| 26.1                      | 25.2   | 18.9   | 15.2   | 15.2   | 18.0   | 18.9   | 19.7   | 20.7   | 21.6   | 23.3   |                  |      |
| 15.2                      | 15.2   | 9.9    | 6.3    | 7.2    | 8.1    | 10.7   | 10.7   | 10.7   | 12.6   | 15.2   |                  |      |
| 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    |                  |      |

'227268  
IST-AF-1000-LED-E1-SLL

REPORT NUMBER: P227268  
CATALOG NUMBER: IST-AF-10

**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°     | 1764.6 | 1764.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 2.5°   | 1529.1 | 1528.2 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 5°     | 1254.9 | 1246.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 7.5°   | 972.6  | 1002.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 10°    | 701.1  | 721.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 12.5°  | 488.2  | 498.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 15°    | 336.2  | 357.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 17.5°  | 261.6  | 264.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 20°    | 215.7  | 217.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 22.5°  | 191.5  | 195.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 25°    | 160.9  | 164.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 27.5°  | 142.0  | 145.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 30°    | 130.3  | 132.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 32.5°  | 118.7  | 118.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 35°    | 108.7  | 109.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 37.5°  | 101.6  | 103.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 40°    | 95.2   | 96.2   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 42.5°  | 86.3   | 88.1   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 45°    | 78.3   | 79.1   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 47.5°  | 72.8   | 72.8   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 50°    | 69.3   | 70.1   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 52.5°  | 67.4   | 68.3   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 55°    | 66.5   | 68.3   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 57.5°  | 66.5   | 67.4   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 59°    | 65.6   | 66.5   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 60°    | 65.6   | 67.4   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 62.5°  | 62.9   | 64.8   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 65°    | 61.2   | 62.9   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 67.5°  | 58.4   | 61.2   |
|      |      |      |      |      |      |      |      |      |      | 70°    | 55.8   | 58.4   |
|      |      |      |      |      |      |      |      |      |      | 72.5°  | 52.2   | 55.8   |
|      |      |      |      |      |      |      |      |      |      | 75°    | 48.6   | 51.2   |
|      |      |      |      |      |      |      |      |      |      | 77.5°  | 44.1   | 46.7   |
|      |      |      |      |      |      |      |      |      |      | 80°    | 38.7   | 39.6   |
|      |      |      |      |      |      |      |      |      |      | 82.5°  | 32.3   | 32.3   |
|      |      |      |      |      |      |      |      |      |      | 85°    | 24.2   | 21.6   |
|      |      |      |      |      |      |      |      |      |      | 87.5°  | 13.5   | 14.4   |
|      |      |      |      |      |      |      |      |      |      | 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: P227268

CATALOG NUMBER: IST-AF-1000-LED-E1

00-LED-E1-SLL

tinued):

CANDELA DISTRIBUTION (continued):

| 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   |        | 215° | 220° | 225° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|------|------|
| 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 110°   | 0.0  | 0.0  | 0.0  |
| 1509.3 | 1509.3 | 1536.3 | 1538.9 | 1507.5 | 1515.6 | 1530.8 | 1512.8 | 1532.7 | 112.5° | 0.0  | 0.0  | 0.0  |
| 1266.6 | 1255.8 | 1256.7 | 1249.5 | 1262.1 | 1247.7 | 1262.9 | 1257.6 | 1253.1 | 115°   | 0.0  | 0.0  | 0.0  |
| 983.5  | 1002.3 | 988.8  | 962.7  | 983.5  | 967.2  | 936.7  | 939.4  | 905.2  | 117.5° | 0.0  | 0.0  | 0.0  |
| 738.9  | 725.5  | 718.2  | 705.6  | 672.4  | 678.7  | 644.6  | 649.9  | 661.6  | 120°   | 0.0  | 0.0  | 0.0  |
| 509.7  | 499.8  | 511.5  | 503.4  | 489.9  | 492.7  | 499.8  | 507.0  | 525.9  | 122.5° | 0.0  | 0.0  | 0.0  |
| 357.7  | 353.2  | 350.6  | 356.0  | 371.2  | 379.3  | 391.1  | 412.6  | 423.4  | 125°   | 0.0  | 0.0  | 0.0  |
| 268.7  | 269.6  | 267.0  | 275.1  | 287.7  | 294.0  | 296.7  | 298.4  | 311.0  | 127.5° | 0.0  | 0.0  | 0.0  |
| 222.1  | 225.7  | 224.7  | 227.4  | 223.8  | 220.2  | 222.9  | 217.6  | 213.1  | 130°   | 0.0  | 0.0  | 0.0  |
| 194.2  | 195.1  | 190.6  | 189.7  | 184.2  | 179.8  | 176.2  | 176.2  | 174.4  | 132.5° | 0.0  | 0.0  | 0.0  |
| 164.5  | 165.4  | 160.9  | 160.9  | 160.0  | 162.8  | 160.9  | 157.3  | 156.4  | 135°   | 0.0  | 0.0  | 0.0  |
| 147.4  | 145.7  | 142.9  | 142.9  | 141.2  | 141.2  | 142.0  | 142.9  | 142.0  | 137.5° | 0.0  | 0.0  | 0.0  |
| 132.2  | 130.3  | 129.4  | 130.3  | 129.4  | 130.3  | 131.2  | 130.3  | 131.2  | 140°   | 0.0  | 0.0  | 0.0  |
| 121.3  | 119.6  | 119.6  | 120.5  | 119.6  | 120.5  | 120.5  | 120.5  | 119.6  | 142.5° | 0.0  | 0.0  | 0.0  |
| 112.3  | 110.6  | 110.6  | 110.6  | 109.7  | 107.9  | 106.1  | 103.4  | 100.7  | 145°   | 0.0  | 0.0  | 0.0  |
| 105.2  | 104.2  | 102.5  | 101.6  | 98.9   | 93.5   | 91.7   | 91.7   | 91.7   | 147.5° | 0.0  | 0.0  | 0.0  |
| 98.9   | 97.1   | 96.2   | 92.6   | 89.0   | 87.2   | 87.2   | 87.2   | 87.2   | 150°   | 0.0  | 0.0  | 0.0  |
| 90.8   | 88.1   | 86.3   | 85.4   | 84.5   | 84.5   | 83.6   | 83.6   | 83.6   | 152.5° | 0.0  | 0.0  | 0.0  |
| 80.9   | 80.0   | 80.0   | 80.9   | 80.9   | 80.9   | 80.9   | 80.0   | 80.9   | 155°   | 0.0  | 0.0  | 0.0  |
| 74.6   | 74.6   | 75.5   | 76.4   | 77.3   | 78.3   | 79.1   | 78.3   | 79.1   | 157.5° | 0.0  | 0.0  | 0.0  |
| 71.9   | 71.9   | 71.9   | 73.8   | 74.6   | 75.5   | 77.3   | 77.3   | 77.3   | 160°   | 0.0  | 0.0  | 0.0  |
| 70.1   | 70.1   | 71.0   | 71.9   | 72.8   | 73.8   | 74.6   | 75.5   | 76.4   | 162.5° | 0.0  | 0.0  | 0.0  |
| 69.3   | 70.1   | 69.3   | 70.1   | 71.0   | 72.8   | 73.8   | 73.8   | 74.6   | 165°   | 0.0  | 0.0  | 0.0  |
| 69.3   | 69.3   | 69.3   | 69.3   | 71.0   | 71.9   | 71.0   | 71.9   | 72.8   | 167.5° | 0.0  | 0.0  | 0.0  |
| 69.3   | 69.3   | 68.3   | 69.3   | 70.1   | 71.0   | 70.1   | 70.1   | 71.9   | 170°   | 0.0  | 0.0  | 0.0  |
| 68.3   | 69.3   | 68.3   | 68.3   | 69.3   | 70.1   | 69.3   | 70.1   | 71.0   | 172.5° | 0.0  | 0.0  | 0.0  |
| 66.5   | 67.4   | 66.5   | 67.4   | 67.4   | 68.3   | 68.3   | 68.3   | 69.3   | 175°   | 0.0  | 0.0  | 0.0  |
| 64.8   | 64.8   | 64.8   | 65.6   | 65.6   | 66.5   | 66.5   | 67.4   | 66.5   | 177.5° | 0.0  | 0.0  | 0.0  |
| 62.9   | 62.9   | 62.9   | 63.8   | 63.8   | 64.8   | 65.6   | 64.8   | 64.8   | 180°   | 0.0  | 0.0  | 0.0  |
| 61.2   | 60.3   | 59.3   | 60.3   | 61.2   | 61.2   | 62.0   | 61.2   | 62.0   |        |      |      |      |
| 58.4   | 57.5   | 56.7   | 56.7   | 57.5   | 57.5   | 58.4   | 57.5   | 57.5   |        |      |      |      |
| 53.9   | 53.9   | 52.2   | 52.2   | 52.2   | 52.2   | 53.0   | 52.2   | 51.2   |        |      |      |      |
| 48.6   | 48.6   | 46.7   | 46.7   | 46.7   | 46.7   | 45.8   | 45.8   | 45.8   |        |      |      |      |
| 40.4   | 41.3   | 41.3   | 40.4   | 40.4   | 39.6   | 39.6   | 38.7   | 37.7   |        |      |      |      |
| 30.6   | 32.3   | 33.2   | 33.2   | 33.2   | 33.2   | 33.2   | 31.5   | 29.7   |        |      |      |      |
| 21.6   | 24.2   | 27.0   | 27.0   | 26.1   | 26.1   | 26.1   | 23.3   | 20.7   |        |      |      |      |
| 13.5   | 16.2   | 17.1   | 18.9   | 16.2   | 15.2   | 15.2   | 13.5   | 12.6   |        |      |      |      |
| 0.0    | 0.0    | 1.8    | 0.9    | 2.7    | 2.7    | 3.6    | 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    |        |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |      |      |      |

REPORT NUMBER: P227268

CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

-SLL

**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°     | 1764.6 | 1764.6 | 1764.6 | 1764.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 2.5°   | 1515.6 | 1548.8 | 1553.4 | 1557.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 5°     | 1245.9 | 1279.2 | 1260.3 | 1268.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 7.5°   | 909.7  | 888.1  | 916.0  | 933.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 10°    | 664.3  | 689.5  | 700.2  | 720.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 12.5°  | 551.1  | 567.2  | 587.0  | 618.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 15°    | 446.7  | 458.5  | 483.7  | 514.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 17.5°  | 325.4  | 342.5  | 358.6  | 383.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 20°    | 218.4  | 225.7  | 245.4  | 257.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 22.5°  | 175.3  | 178.0  | 181.6  | 191.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 25°    | 157.3  | 159.1  | 161.8  | 165.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 27.5°  | 142.9  | 143.8  | 146.5  | 148.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 30°    | 130.3  | 129.4  | 130.3  | 133.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 32.5°  | 116.8  | 116.8  | 118.7  | 118.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 35°    | 100.7  | 99.7   | 101.6  | 104.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 37.5°  | 92.6   | 93.5   | 95.2   | 97.1   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 40°    | 88.1   | 89.0   | 90.8   | 92.6   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 42.5°  | 83.6   | 85.4   | 87.2   | 89.9   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 45°    | 80.9   | 82.7   | 85.4   | 88.1   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 47.5°  | 80.0   | 81.8   | 84.5   | 88.1   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 50°    | 78.3   | 80.9   | 83.6   | 87.2   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 52.5°  | 78.3   | 80.0   | 82.7   | 87.2   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 55°    | 75.5   | 78.3   | 80.9   | 85.4   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 57.5°  | 73.8   | 75.5   | 79.1   | 84.5   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 59°    | 72.8   | 74.6   | 78.3   | 83.6   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 60°    | 71.0   | 73.8   | 77.3   | 82.7   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 62.5°  | 69.3   | 71.9   | 75.5   | 80.9   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 65°    | 66.5   | 70.1   | 73.8   | 77.3   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 67.5°  | 64.8   | 66.5   | 70.1   | 73.8   |
|      |      |      |      |      |      |      |      | 70°    | 61.2   | 62.9   | 65.6   | 68.3   |
|      |      |      |      |      |      |      |      | 72.5°  | 56.7   | 57.5   | 59.3   | 62.0   |
|      |      |      |      |      |      |      |      | 75°    | 50.3   | 51.2   | 52.2   | 54.8   |
|      |      |      |      |      |      |      |      | 77.5°  | 44.1   | 44.1   | 44.9   | 48.6   |
|      |      |      |      |      |      |      |      | 80°    | 36.8   | 36.8   | 37.7   | 39.6   |
|      |      |      |      |      |      |      |      | 82.5°  | 27.8   | 27.8   | 29.7   | 32.3   |
|      |      |      |      |      |      |      |      | 85°    | 19.7   | 18.9   | 21.6   | 23.3   |
|      |      |      |      |      |      |      |      | 87.5°  | 11.7   | 10.7   | 11.7   | 11.7   |
|      |      |      |      |      |      |      |      | 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: P227268

CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

**CANDELA DISTRIBUTION (continued):**

| 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   |        | 270° | 275° | 280° | 285° | 290° |
|--------|--------|--------|--------|--------|--------|--------|--------|------|------|------|------|------|
| 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 110°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1575.9 | 1566.9 | 1574.0 | 1601.8 | 1611.8 | 1624.3 | 1666.6 | 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1288.2 | 1299.9 | 1288.2 | 1344.8 | 1347.4 | 1385.3 | 1400.5 | 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 946.5  | 961.9  | 987.0  | 1024.8 | 1035.5 | 1089.4 | 1135.4 | 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 738.9  | 758.7  | 793.7  | 817.1  | 840.5  | 872.0  | 908.8  | 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 656.2  | 676.9  | 707.5  | 737.1  | 770.4  | 794.6  | 825.2  | 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 548.3  | 580.7  | 610.4  | 649.1  | 676.9  | 721.0  | 756.9  | 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 418.9  | 463.8  | 493.5  | 540.2  | 582.5  | 621.1  | 669.7  | 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 291.2  | 326.3  | 364.1  | 414.4  | 469.2  | 522.3  | 587.0  | 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 200.5  | 219.3  | 248.1  | 300.2  | 356.9  | 433.3  | 503.4  | 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170.8  | 178.0  | 188.7  | 213.9  | 261.6  | 345.1  | 422.5  | 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 151.9  | 157.3  | 164.5  | 177.1  | 202.2  | 259.8  | 345.1  | 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 139.3  | 145.7  | 152.8  | 161.8  | 175.3  | 214.8  | 278.7  | 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.2  | 126.7  | 133.1  | 142.9  | 152.8  | 184.2  | 246.3  | 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 107.9  | 113.2  | 121.3  | 128.6  | 138.4  | 163.6  | 223.8  | 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 100.7  | 106.1  | 113.2  | 119.6  | 126.7  | 147.4  | 207.7  | 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 96.2   | 101.6  | 108.7  | 114.2  | 118.7  | 142.0  | 201.3  | 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 93.5   | 99.7   | 106.1  | 109.7  | 118.7  | 144.7  | 186.1  | 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 92.6   | 98.9   | 106.1  | 112.3  | 130.3  | 136.7  | 176.2  | 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 93.5   | 98.9   | 107.9  | 125.8  | 126.7  | 129.4  | 165.4  | 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 93.5   | 101.6  | 120.5  | 131.2  | 120.5  | 122.2  | 155.5  | 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 94.4   | 105.2  | 124.9  | 122.2  | 116.8  | 114.2  | 144.7  | 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 94.4   | 103.4  | 119.6  | 115.1  | 107.9  | 108.7  | 132.2  | 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 91.7   | 103.4  | 115.1  | 104.2  | 98.9   | 103.4  | 121.3  | 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 89.9   | 106.1  | 102.5  | 96.2   | 96.2   | 100.7  | 116.0  | 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 89.0   | 108.7  | 97.1   | 93.5   | 93.5   | 99.7   | 113.2  | 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 86.3   | 101.6  | 89.0   | 87.2   | 89.9   | 94.4   | 109.7  | 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 80.9   | 84.5   | 81.8   | 81.8   | 85.4   | 90.8   | 107.9  | 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 74.6   | 76.4   | 76.4   | 77.3   | 80.9   | 85.4   | 109.7  | 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 69.3   | 69.3   | 71.0   | 71.9   | 74.6   | 80.9   | 105.2  |        |      |      |      |      |      |
| 62.9   | 63.8   | 63.8   | 65.6   | 67.4   | 73.8   | 101.6  |        |      |      |      |      |      |
| 55.8   | 55.8   | 57.5   | 57.5   | 60.3   | 66.5   | 90.8   |        |      |      |      |      |      |
| 48.6   | 48.6   | 48.6   | 49.4   | 51.2   | 57.5   | 74.6   |        |      |      |      |      |      |
| 40.4   | 40.4   | 40.4   | 41.3   | 42.2   | 47.7   | 56.7   |        |      |      |      |      |      |
| 32.3   | 31.5   | 30.6   | 30.6   | 32.3   | 36.8   | 44.1   |        |      |      |      |      |      |
| 22.5   | 22.5   | 21.6   | 21.6   | 21.6   | 24.2   | 29.7   |        |      |      |      |      |      |
| 12.6   | 10.7   | 11.7   | 12.6   | 11.7   | 13.5   | 16.2   |        |      |      |      |      |      |
| 0.9    | 1.8    | 2.7    | 3.6    | 3.6    | 3.6    | 5.4    |        |      |      |      |      |      |
| 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    | 0.0    | 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |
| 0.0    | 0.0    | 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: P227268

CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

**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°     | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 | 1764.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 2.5°   | 1661.2 | 1684.6 | 1721.4 | 1728.6 | 1758.2 | 1778.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 5°     | 1407.7 | 1463.4 | 1483.2 | 1521.8 | 1589.3 | 1623.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 7.5°   | 1161.4 | 1203.6 | 1251.3 | 1313.4 | 1362.8 | 1421.2 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 10°    | 955.5  | 1015.8 | 1077.8 | 1128.1 | 1197.4 | 1267.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 12.5°  | 848.5  | 881.9  | 943.0  | 1013.9 | 1100.3 | 1178.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 15°    | 792.9  | 832.4  | 898.0  | 973.5  | 1065.2 | 1162.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 17.5°  | 723.6  | 786.5  | 861.1  | 969.0  | 1087.7 | 1222.5 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 20°    | 655.3  | 731.7  | 829.7  | 971.7  | 1136.2 | 1311.5 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 22.5°  | 595.1  | 685.9  | 810.0  | 987.9  | 1198.3 | 1432.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 25°    | 524.1  | 645.4  | 794.6  | 1021.2 | 1293.5 | 1593.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 27.5°  | 467.5  | 606.8  | 772.1  | 1050.0 | 1380.8 | 1749.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 30°    | 404.5  | 561.8  | 740.7  | 1059.8 | 1486.9 | 1876.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 32.5°  | 354.1  | 519.6  | 704.7  | 1050.9 | 1534.4 | 1965.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 35°    | 329.9  | 489.0  | 674.2  | 1019.4 | 1574.0 | 2062.2 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 37.5°  | 313.7  | 455.7  | 644.6  | 967.2  | 1618.9 | 2157.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 40°    | 293.1  | 429.6  | 620.2  | 929.5  | 1654.0 | 2236.5 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 42.5°  | 274.2  | 406.3  | 601.4  | 896.2  | 1663.0 | 2307.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 45°    | 258.0  | 391.9  | 587.0  | 898.0  | 1669.3 | 2406.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 47.5°  | 245.4  | 378.5  | 581.6  | 928.6  | 1735.8 | 2544.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 50°    | 233.7  | 366.7  | 572.6  | 987.9  | 1842.7 | 2730.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 52.5°  | 220.2  | 350.6  | 560.9  | 1049.0 | 1959.7 | 2979.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 55°    | 202.2  | 329.0  | 548.3  | 1100.3 | 2118.7 | 3281.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 57.5°  | 174.4  | 303.8  | 540.2  | 1126.4 | 2216.7 | 3456.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 59°    | 160.0  | 279.6  | 535.7  | 1113.8 | 2242.8 | 3486.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 60°    | 151.9  | 265.1  | 528.6  | 1098.4 | 2250.0 | 3467.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 62.5°  | 141.2  | 231.0  | 498.9  | 1022.0 | 2149.3 | 3238.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 65°    | 143.8  | 218.4  | 431.5  | 870.1  | 1918.3 | 2793.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 67.5°  | 147.4  | 213.1  | 373.1  | 703.0  | 1529.1 | 2311.2 |
|      |      |      |      |      |      | 70°    | 144.7  | 210.3  | 338.9  | 559.1  | 1145.2 | 1730.4 |
|      |      |      |      |      |      | 72.5°  | 141.2  | 198.7  | 294.0  | 449.5  | 726.3  | 1211.8 |
|      |      |      |      |      |      | 75°    | 124.9  | 167.2  | 231.0  | 308.3  | 458.5  | 882.7  |
|      |      |      |      |      |      | 77.5°  | 98.0   | 128.6  | 163.6  | 191.5  | 232.8  | 623.0  |
|      |      |      |      |      |      | 80°    | 71.9   | 93.5   | 107.0  | 115.1  | 129.4  | 425.1  |
|      |      |      |      |      |      | 82.5°  | 51.2   | 62.9   | 68.3   | 72.8   | 86.3   | 318.2  |
|      |      |      |      |      |      | 85°    | 38.7   | 44.1   | 47.7   | 47.7   | 58.4   | 224.7  |
|      |      |      |      |      |      | 87.5°  | 21.6   | 22.5   | 22.5   | 24.2   | 28.7   | 61.2   |
|      |      |      |      |      |      | 90°    | 6.3    | 6.3    | 5.4    | 6.3    | 4.5    | 3.6    |
|      |      |      |      |      |      | 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    |

REPORT NUMBER: P227268

CATALOG NUMBER: IST-AF-1000-LED-E1-SLL

**CANDELA DISTRIBUTION (continued):**

| 355°   | 359°   | 360°   |        | 325° | 330° | 335° | 340° | 345° | 350° | 355° |
|--------|--------|--------|--------|------|------|------|------|------|------|------|
| 1764.6 | 1764.6 | 1764.6 | 110°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1802.3 | 1815.8 | 1826.6 | 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1675.6 | 1708.8 | 1715.2 | 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1485.9 | 1539.8 | 1558.8 | 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1346.6 | 1405.0 | 1424.8 | 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1270.2 | 1338.5 | 1360.1 | 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1271.9 | 1353.8 | 1385.3 | 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1354.7 | 1448.2 | 1486.9 | 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1496.7 | 1632.4 | 1661.2 | 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1689.1 | 1822.1 | 1865.2 | 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1869.7 | 2045.9 | 2079.2 | 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2047.7 | 2222.2 | 2251.8 | 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2185.2 | 2367.7 | 2392.9 | 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2317.4 | 2523.3 | 2551.1 | 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2464.8 | 2692.3 | 2724.6 | 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2597.9 | 2858.5 | 2879.2 | 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2745.3 | 2994.3 | 2999.7 | 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2865.8 | 3094.9 | 3096.8 | 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2982.6 | 3189.4 | 3190.3 | 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3104.9 | 3292.8 | 3279.3 | 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3298.1 | 3415.0 | 3428.5 | 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3592.1 | 3696.3 | 3711.7 | 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3933.7 | 4078.4 | 4057.7 | 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4078.4 | 4243.8 | 4260.9 | 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4054.2 | 4279.7 | 4308.6 | 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4015.5 | 4269.0 | 4304.1 | 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3796.2 | 4156.6 | 4211.4 | 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3427.6 | 3923.7 | 4001.1 | 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2953.9 | 3575.9 | 3637.9 | 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2304.8 | 2906.2 | 2959.2 |        |      |      |      |      |      |      |      |
| 1531.8 | 1995.6 | 2087.3 |        |      |      |      |      |      |      |      |
| 973.5  | 1287.3 | 1270.2 |        |      |      |      |      |      |      |      |
| 718.2  | 836.9  | 837.8  |        |      |      |      |      |      |      |      |
| 521.4  | 574.4  | 568.1  |        |      |      |      |      |      |      |      |
| 403.7  | 350.6  | 349.6  |        |      |      |      |      |      |      |      |
| 141.2  | 124.1  | 121.3  |        |      |      |      |      |      |      |      |
| 61.2   | 51.2   | 52.2   |        |      |      |      |      |      |      |      |
| 2.7    | 2.7    | 3.6    |        |      |      |      |      |      |      |      |
| 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    |        |      |      |      |      |      |      |      |

[illegible]

(END OF REPORT)