

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: STREETWORKS

Report Number: P414077

Luminaire Tested: **LXF.LXT-PA1-100-830-U-T4W-FL**

Issue Date: 10/26/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P414077  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1907-433-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 10/26/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA1-100-830-U-T4W-FL  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 80 CRI, 3000K, 1200mA LIGHT ENGINE WITH 24 LEDS AND TYPE IV WIDE OPTICS AND FROSTED LENS PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7311 lumens  
Efficiency: N/A  
Efficacy: 76.2 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')  
IES Classification: Type IV - Medium - Non-Cutoff  
BUG Rating: B2 - U3 - G4

Input Watts (W): 96  
Input Voltage (V): NR  
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: 28.75 FT

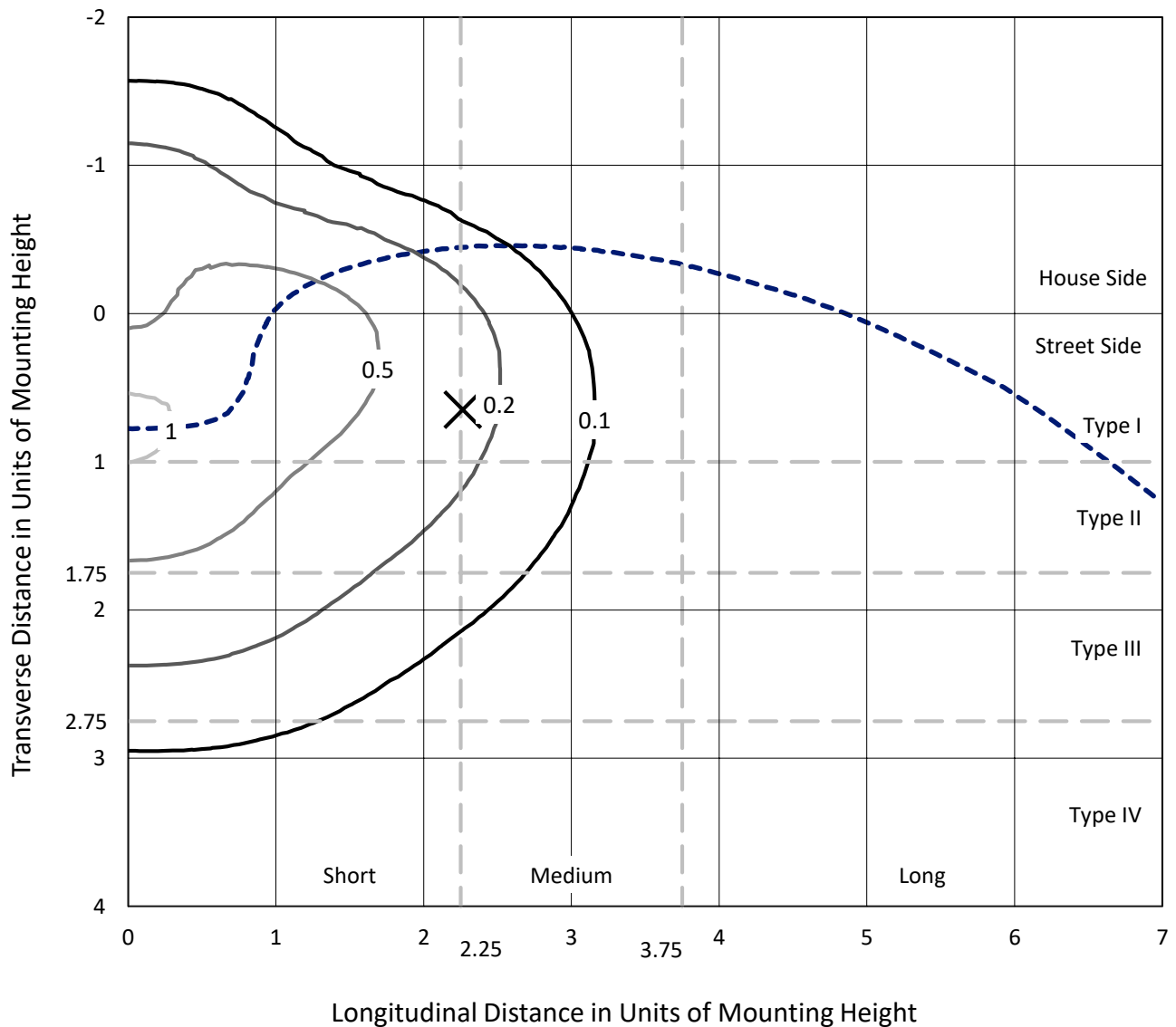


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### Iso-Footcandle Lines of Horizontal Illumination

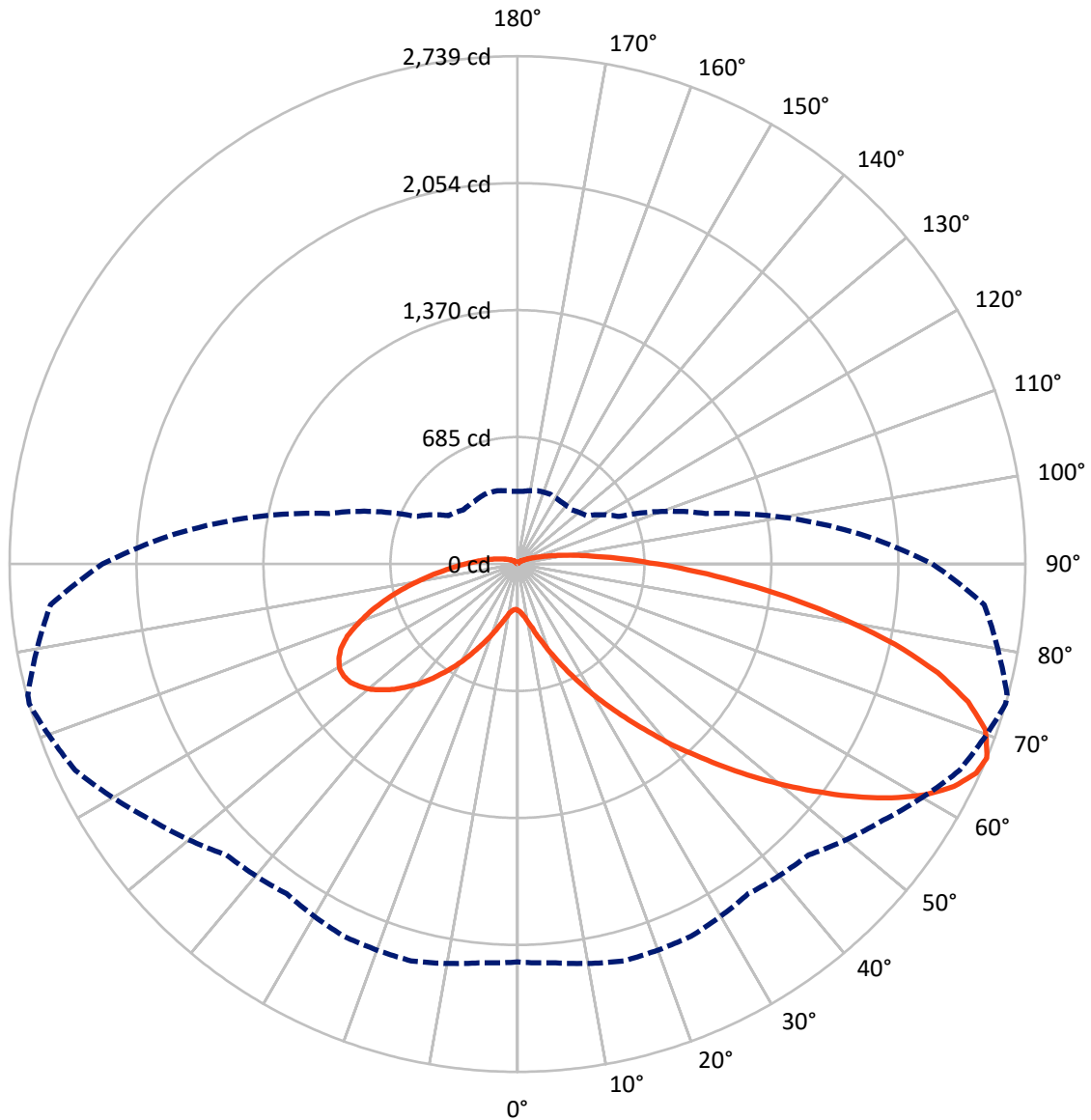
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc  
 Type IV - Medium - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 74-Deg Lateral      - - - Horizontal Cone Through 67-Deg Vertical

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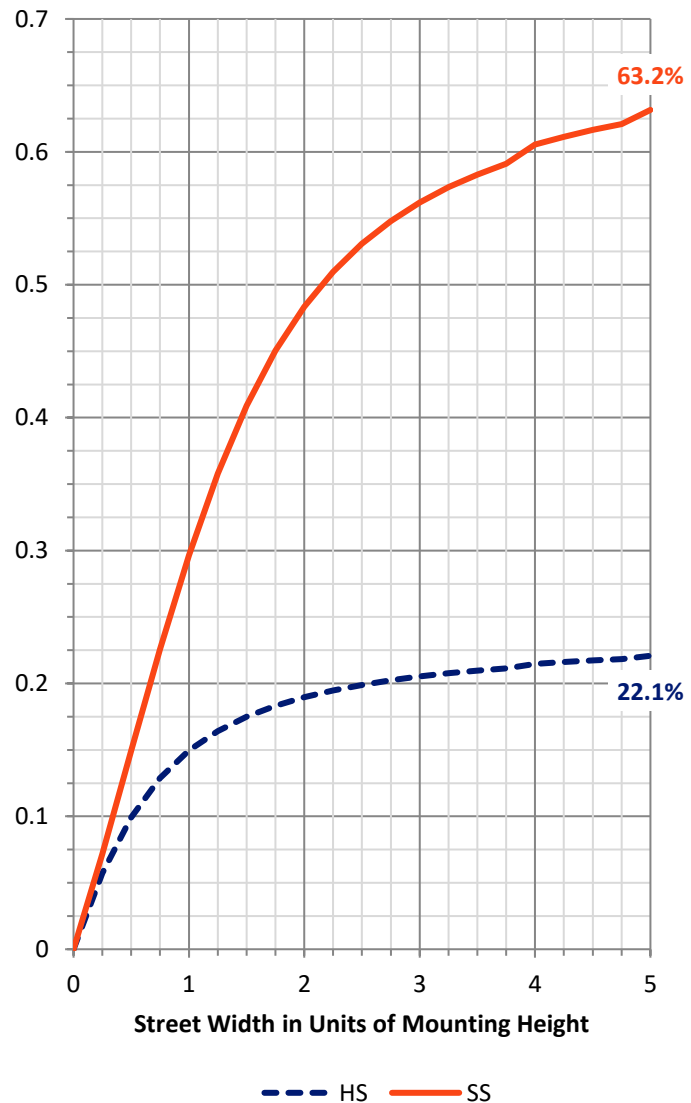
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1704.8   | 204.9  | 1909.8 |
|                    | % Fixture | 23.3     | 2.8    | 26.1   |
| <b>Street Side</b> | Lumens    | 4933.8   | 467.5  | 5401.2 |
|                    | % Fixture | 67.5     | 6.4    | 73.9   |
| <b>Total</b>       | Lumens    | 6638.6   | 672.4  | 7311.0 |
|                    | % Fixture | 90.8     | 9.2    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 26.0   | 0.4       |
| 10°-20°   | 106.5  | 1.5       |
| 20°-30°   | 264.5  | 3.6       |
| 30°-40°   | 516.6  | 7.1       |
| 40°-50°   | 854.4  | 11.7      |
| 50°-60°   | 1238.5 | 16.9      |
| 60°-70°   | 1498.9 | 20.5      |
| 70°-80°   | 1332.5 | 18.2      |
| 80°-90°   | 800.5  | 10.9      |
| 90°-100°  | 367.5  | 5.0       |
| 100°-110° | 163.6  | 2.2       |
| 110°-120° | 78.1   | 1.1       |
| 120°-130° | 38.7   | 0.5       |
| 130°-140° | 17.7   | 0.2       |
| 140°-150° | 5.8    | 0.1       |
| 150°-160° | 0.9    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 6638.6 | 90.8      |
| 0°-180°   | 7311.0 | 100.0     |



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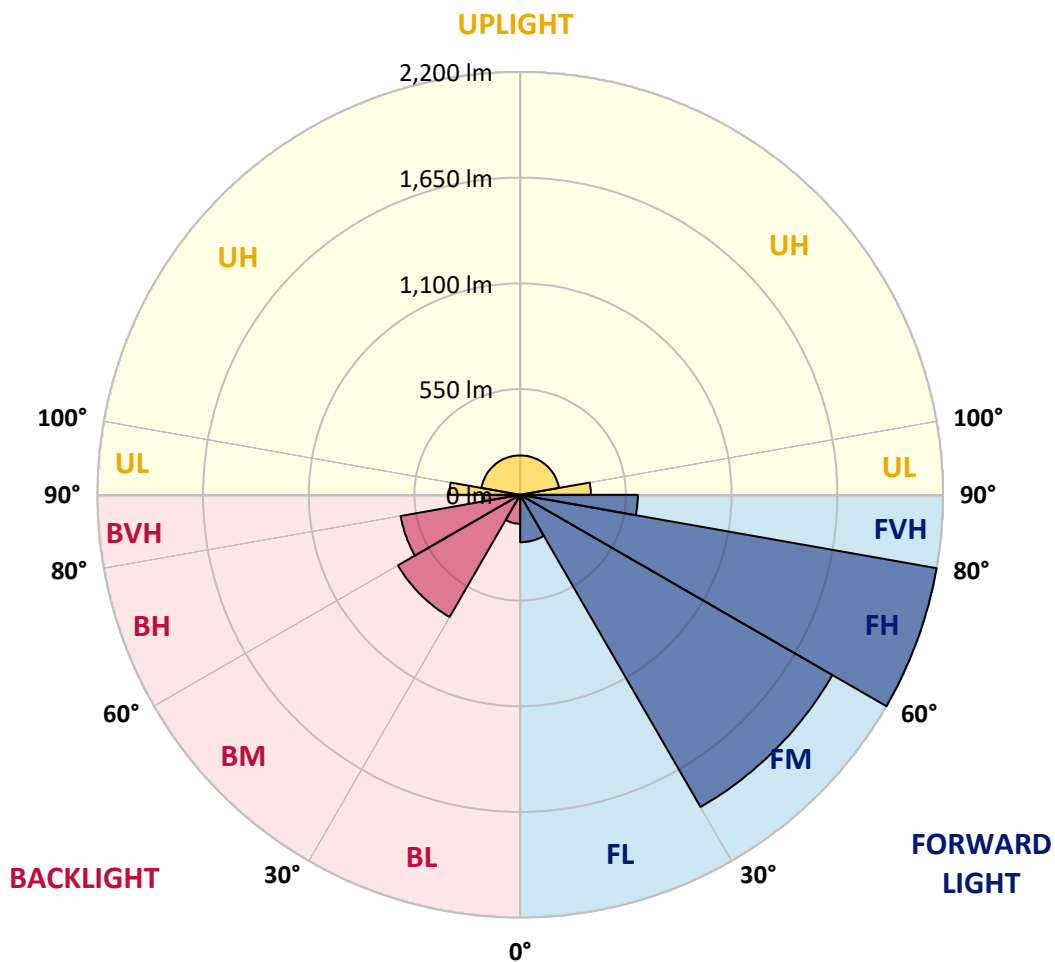
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 246.5  | 3.4       |                         |        |         |
| FM   | (30°-60°)   | 1875.7 | 25.7      |                         |        |         |
| FH   | (60°-80°)   | 2199.7 | 30.1      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 611.8  | 8.4       |                         |        | G4/750  |
| BL   | (0°-30°)    | 150.6  | 2.1       | B1/500                  |        |         |
| BM   | (30°-60°)   | 733.8  | 10.0      | B1/1000                 |        |         |
| BH   | (60°-80°)   | 631.8  | 8.6       | B2/1000                 |        | G2/1000 |
| BVH  | (80°-90°)   | 188.6  | 2.6       |                         |        | G2/225  |
| UL   | (90°-100°)  | 367.5  | 5.0       |                         | U3/500 |         |
| UH   | (100°-180°) | 204.9  | 2.8       |                         | U3/500 |         |

**BUG Rating: B2-U3-G4**

Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 74°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 249.0  | 249.0  | 249.0  | 249.0  | 249.0  | 249.0  | 249.0  | 249.0  | 249.0  | 249.0  | 249.0  |
| 2.5°   | 275.0  | 272.4  | 272.4  | 270.7  | 269.8  | 267.2  | 265.5  | 259.4  | 256.8  | 256.8  | 252.5  |
| 5°     | 304.5  | 302.8  | 299.3  | 299.3  | 295.9  | 292.4  | 285.4  | 277.6  | 271.6  | 270.7  | 262.9  |
| 7.5°   | 341.0  | 336.6  | 336.6  | 332.3  | 327.1  | 321.0  | 311.5  | 301.1  | 291.5  | 290.6  | 278.5  |
| 10°    | 382.6  | 380.9  | 379.1  | 373.1  | 366.1  | 354.0  | 345.3  | 330.6  | 319.3  | 318.4  | 301.9  |
| 12.5°  | 433.8  | 431.2  | 426.0  | 419.9  | 407.8  | 399.1  | 383.5  | 367.0  | 352.3  | 353.1  | 334.0  |
| 15°    | 489.3  | 487.6  | 484.1  | 474.6  | 460.7  | 448.6  | 432.9  | 415.6  | 400.8  | 394.8  | 374.8  |
| 17.5°  | 552.7  | 549.2  | 544.9  | 534.4  | 518.8  | 506.7  | 485.9  | 469.4  | 450.3  | 451.2  | 422.5  |
| 20°    | 627.3  | 623.8  | 617.7  | 601.3  | 587.4  | 570.9  | 549.2  | 531.0  | 509.3  | 507.6  | 478.9  |
| 22.5°  | 701.0  | 702.8  | 688.0  | 670.7  | 657.6  | 638.6  | 617.7  | 594.3  | 575.2  | 573.5  | 540.5  |
| 25°    | 792.1  | 786.1  | 771.3  | 751.4  | 731.4  | 708.0  | 689.8  | 668.9  | 650.7  | 649.0  | 609.9  |
| 27.5°  | 887.6  | 882.4  | 862.4  | 837.2  | 810.3  | 784.3  | 768.7  | 747.0  | 733.1  | 730.5  | 690.6  |
| 30°    | 991.7  | 983.0  | 964.8  | 930.9  | 893.6  | 864.1  | 848.5  | 840.7  | 827.7  | 824.2  | 783.5  |
| 32.5°  | 1108.8 | 1097.5 | 1070.6 | 1029.9 | 976.1  | 943.1  | 936.2  | 929.2  | 924.0  | 918.8  | 880.6  |
| 35°    | 1225.1 | 1221.6 | 1181.7 | 1131.4 | 1078.4 | 1035.1 | 1022.9 | 1034.2 | 1030.7 | 1027.3 | 986.5  |
| 37.5°  | 1347.4 | 1353.5 | 1310.1 | 1244.2 | 1171.3 | 1125.3 | 1116.6 | 1137.4 | 1147.0 | 1147.0 | 1098.4 |
| 40°    | 1491.4 | 1486.2 | 1442.8 | 1362.1 | 1277.1 | 1223.3 | 1225.9 | 1257.2 | 1280.6 | 1275.4 | 1227.7 |
| 42.5°  | 1634.6 | 1623.3 | 1566.0 | 1487.1 | 1379.5 | 1325.7 | 1325.7 | 1373.4 | 1409.0 | 1409.9 | 1359.5 |
| 45°    | 1775.1 | 1763.0 | 1709.2 | 1605.9 | 1488.8 | 1430.7 | 1442.8 | 1501.0 | 1559.1 | 1551.3 | 1501.8 |
| 47.5°  | 1903.5 | 1898.3 | 1842.8 | 1732.6 | 1600.7 | 1540.0 | 1564.3 | 1651.1 | 1714.4 | 1714.4 | 1659.7 |
| 50°    | 2029.3 | 2022.4 | 1970.3 | 1846.3 | 1713.5 | 1653.7 | 1690.1 | 1796.0 | 1876.6 | 1881.0 | 1817.6 |
| 52.5°  | 2137.8 | 2133.5 | 2084.9 | 1961.7 | 1824.6 | 1763.9 | 1818.5 | 1951.3 | 2044.1 | 2053.6 | 1986.8 |
| 55°    | 2215.9 | 2218.5 | 2181.2 | 2064.0 | 1925.2 | 1874.9 | 1949.5 | 2105.7 | 2215.9 | 2217.6 | 2145.6 |
| 57.5°  | 2273.1 | 2276.6 | 2251.5 | 2149.9 | 2013.7 | 1975.6 | 2076.2 | 2254.9 | 2379.9 | 2387.7 | 2293.1 |
| 60°    | 2297.4 | 2303.5 | 2295.7 | 2210.7 | 2092.7 | 2068.4 | 2189.9 | 2388.5 | 2527.4 | 2530.0 | 2416.3 |
| 62.5°  | 2284.4 | 2290.5 | 2306.1 | 2245.4 | 2149.9 | 2149.1 | 2300.0 | 2504.8 | 2642.7 | 2646.2 | 2510.0 |
| 65°    | 2225.4 | 2235.0 | 2274.0 | 2245.4 | 2170.8 | 2199.4 | 2372.9 | 2594.2 | 2718.2 | 2722.6 | 2546.4 |
| 67°    | 2146.5 | 2158.6 | 2215.9 | 2215.0 | 2170.8 | 2219.3 | 2408.5 | 2631.5 | 2739.0 | 2733.8 | 2527.4 |
| 67.5°  | 2128.2 | 2140.4 | 2197.7 | 2206.3 | 2164.7 | 2222.0 | 2412.8 | 2635.8 | 2731.2 | 2730.4 | 2515.2 |
| 70°    | 1973.8 | 1995.5 | 2078.8 | 2120.4 | 2119.6 | 2201.1 | 2411.1 | 2612.4 | 2678.3 | 2669.6 | 2413.7 |
| 72.5°  | 1796.0 | 1822.9 | 1924.4 | 2004.2 | 2030.2 | 2136.1 | 2347.8 | 2519.5 | 2541.2 | 2530.8 | 2223.7 |
| 75°    | 1612.9 | 1627.6 | 1733.5 | 1847.1 | 1913.1 | 2025.9 | 2228.9 | 2372.0 | 2341.7 | 2316.5 | 1986.0 |
| 77.5°  | 1419.4 | 1425.5 | 1543.5 | 1671.0 | 1750.8 | 1881.0 | 2051.9 | 2156.0 | 2081.4 | 2060.6 | 1715.3 |
| 80°    | 1194.7 | 1219.9 | 1337.9 | 1470.6 | 1569.5 | 1687.5 | 1831.5 | 1894.0 | 1769.1 | 1750.0 | 1427.2 |
| 82.5°  | 1010.8 | 1026.4 | 1134.0 | 1264.1 | 1375.2 | 1486.2 | 1579.9 | 1596.4 | 1465.4 | 1451.5 | 1147.0 |
| 85°    | 825.1  | 839.0  | 951.8  | 1072.4 | 1176.5 | 1269.3 | 1331.8 | 1307.5 | 1171.3 | 1156.5 | 906.7  |
| 87.5°  | 682.8  | 693.2  | 771.3  | 893.6  | 985.6  | 1052.4 | 1085.4 | 1055.0 | 924.9  | 904.1  | 700.2  |
| 90°    | 541.4  | 557.0  | 627.3  | 730.5  | 824.2  | 867.6  | 871.1  | 820.8  | 714.0  | 698.4  | 536.2  |
| 92.5°  | 437.3  | 447.7  | 514.5  | 600.4  | 674.1  | 707.1  | 698.4  | 655.9  | 557.9  | 539.7  | 414.7  |
| 95°    | 354.0  | 362.7  | 418.2  | 493.7  | 553.5  | 583.9  | 559.6  | 503.2  | 426.0  | 419.1  | 320.1  |
| 97.5°  | 294.1  | 295.9  | 339.2  | 406.9  | 454.6  | 470.2  | 451.2  | 400.0  | 333.2  | 319.3  | 245.5  |
| 100°   | 240.3  | 242.1  | 278.5  | 329.7  | 373.1  | 383.5  | 364.4  | 314.9  | 258.5  | 249.9  | 192.6  |
| 102.5° | 195.2  | 199.6  | 227.3  | 273.3  | 305.4  | 313.2  | 293.3  | 249.9  | 199.6  | 193.5  | 150.1  |
| 105°   | 165.7  | 166.6  | 190.9  | 225.6  | 254.2  | 260.3  | 240.3  | 203.0  | 157.0  | 153.6  | 119.7  |
| 107.5° | 140.6  | 140.6  | 159.6  | 190.0  | 212.6  | 216.0  | 200.4  | 165.7  | 124.1  | 120.6  | 97.2   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 74°  | 75°  | 85°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
| 110°   | 120.6 | 121.5 | 135.3 | 159.6 | 180.5 | 183.1 | 167.4 | 132.7 | 98.9 | 96.3 | 79.0 |
| 112.5° | 105.0 | 106.7 | 116.3 | 135.3 | 153.6 | 156.2 | 140.6 | 108.5 | 80.7 | 77.2 | 65.9 |
| 115°   | 92.8  | 93.7  | 100.6 | 116.3 | 131.0 | 132.7 | 117.1 | 89.4  | 65.1 | 62.5 | 55.5 |
| 117.5° | 82.4  | 83.3  | 88.5  | 101.5 | 112.8 | 113.7 | 98.0  | 73.7  | 54.7 | 52.1 | 48.6 |
| 120°   | 74.6  | 74.6  | 79.0  | 87.6  | 97.2  | 97.2  | 82.4  | 60.7  | 45.1 | 44.2 | 41.6 |
| 122.5° | 67.7  | 67.7  | 70.3  | 76.3  | 83.3  | 81.6  | 68.5  | 50.3  | 38.2 | 37.3 | 36.4 |
| 125°   | 61.6  | 61.6  | 63.3  | 66.8  | 71.1  | 68.5  | 56.4  | 41.6  | 33.0 | 32.1 | 32.1 |
| 127.5° | 55.5  | 55.5  | 56.4  | 59.0  | 59.9  | 57.3  | 46.9  | 34.7  | 28.6 | 27.8 | 28.6 |
| 130°   | 50.3  | 50.3  | 50.3  | 50.3  | 50.3  | 48.6  | 38.2  | 28.6  | 24.3 | 24.3 | 25.2 |
| 132.5° | 45.1  | 45.1  | 44.2  | 43.4  | 42.5  | 39.0  | 31.2  | 23.4  | 21.7 | 21.7 | 22.6 |
| 135°   | 39.9  | 39.9  | 39.0  | 37.3  | 34.7  | 30.4  | 23.4  | 19.1  | 18.2 | 18.2 | 19.1 |
| 137.5° | 34.7  | 34.7  | 33.8  | 31.2  | 27.8  | 23.4  | 18.2  | 15.6  | 15.6 | 15.6 | 16.5 |
| 140°   | 29.5  | 29.5  | 28.6  | 26.0  | 21.7  | 17.4  | 13.9  | 12.1  | 13.0 | 13.0 | 13.9 |
| 142.5° | 25.2  | 24.3  | 23.4  | 20.8  | 16.5  | 12.1  | 9.5   | 9.5   | 10.4 | 10.4 | 11.3 |
| 145°   | 20.0  | 19.1  | 18.2  | 15.6  | 12.1  | 8.7   | 6.9   | 6.9   | 7.8  | 7.8  | 8.7  |
| 147.5° | 15.6  | 14.7  | 13.9  | 11.3  | 8.7   | 6.1   | 4.3   | 5.2   | 6.1  | 6.1  | 6.1  |
| 150°   | 10.4  | 10.4  | 10.4  | 8.7   | 5.2   | 3.5   | 2.6   | 3.5   | 3.5  | 3.5  | 4.3  |
| 152.5° | 6.9   | 6.9   | 6.9   | 5.2   | 3.5   | 1.7   | 1.7   | 1.7   | 2.6  | 2.6  | 2.6  |
| 155°   | 4.3   | 4.3   | 4.3   | 3.5   | 1.7   | 0.9   | 0.9   | 0.9   | 1.7  | 1.7  | 1.7  |
| 157.5° | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 0.9   | 0.0   | 0.9   | 0.9  | 0.9  | 0.9  |
| 160°   | 0.9   | 0.9   | 1.7   | 1.7   | 1.7   | 0.9   | 0.0   | 0.0   | 0.9  | 0.9  | 0.9  |
| 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):**

|        | 90°    | 95°    | 105°   | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 249.0  | 249.0  | 249.0  | 249.0 | 249.0 | 249.0 | 249.0 | 249.0 | 249.0 | 249.0 | 249.0 |
| 2.5°   | 250.7  | 249.0  | 245.5  | 242.9 | 240.3 | 237.7 | 235.1 | 233.4 | 230.8 | 230.8 | 230.8 |
| 5°     | 259.4  | 255.1  | 248.1  | 242.9 | 236.9 | 232.5 | 227.3 | 223.8 | 221.2 | 220.4 | 220.4 |
| 7.5°   | 274.2  | 268.1  | 257.7  | 247.3 | 238.6 | 231.7 | 225.6 | 221.2 | 217.8 | 216.9 | 216.9 |
| 10°    | 295.0  | 287.2  | 270.7  | 258.5 | 247.3 | 237.7 | 229.9 | 223.8 | 221.2 | 219.5 | 219.5 |
| 12.5°  | 325.4  | 314.9  | 295.9  | 275.0 | 260.3 | 248.1 | 238.6 | 236.0 | 236.0 | 236.9 | 236.0 |
| 15°    | 361.8  | 351.4  | 325.4  | 301.1 | 279.4 | 265.5 | 260.3 | 260.3 | 259.4 | 261.2 | 261.2 |
| 17.5°  | 407.8  | 393.0  | 361.8  | 329.7 | 304.5 | 291.5 | 286.3 | 284.6 | 286.3 | 288.9 | 287.2 |
| 20°    | 462.4  | 440.7  | 401.7  | 361.8 | 334.9 | 321.9 | 313.2 | 311.5 | 314.1 | 315.8 | 316.7 |
| 22.5°  | 519.7  | 496.3  | 446.8  | 395.6 | 367.9 | 350.5 | 341.0 | 338.4 | 342.7 | 347.0 | 347.9 |
| 25°    | 584.8  | 558.7  | 495.4  | 436.4 | 397.4 | 373.9 | 365.3 | 364.4 | 371.3 | 377.4 | 377.4 |
| 27.5°  | 663.7  | 629.0  | 548.3  | 480.7 | 430.3 | 399.1 | 389.6 | 390.4 | 400.0 | 405.2 | 406.9 |
| 30°    | 746.1  | 707.1  | 609.1  | 521.4 | 456.4 | 419.1 | 408.6 | 413.0 | 422.5 | 432.9 | 434.7 |
| 32.5°  | 839.0  | 793.0  | 668.1  | 562.2 | 479.8 | 434.7 | 423.4 | 432.1 | 442.5 | 454.6 | 456.4 |
| 35°    | 936.2  | 874.6  | 728.8  | 599.5 | 498.9 | 446.8 | 433.8 | 444.2 | 457.2 | 468.5 | 472.0 |
| 37.5°  | 1046.3 | 973.5  | 794.7  | 629.9 | 513.6 | 453.8 | 439.9 | 452.0 | 466.8 | 478.1 | 478.9 |
| 40°    | 1159.1 | 1075.0 | 857.2  | 658.5 | 524.0 | 458.1 | 443.3 | 455.5 | 469.4 | 478.9 | 479.8 |
| 42.5°  | 1277.1 | 1178.2 | 915.3  | 681.9 | 529.2 | 458.1 | 441.6 | 453.8 | 466.8 | 472.0 | 472.8 |
| 45°    | 1415.1 | 1287.5 | 975.2  | 698.4 | 531.0 | 456.4 | 439.0 | 448.6 | 458.1 | 459.8 | 462.4 |
| 47.5°  | 1553.9 | 1396.0 | 1026.4 | 710.6 | 530.1 | 452.0 | 434.7 | 442.5 | 448.6 | 446.8 | 449.4 |
| 50°    | 1700.5 | 1514.0 | 1075.8 | 718.4 | 525.8 | 447.7 | 428.6 | 435.5 | 437.3 | 432.1 | 432.1 |
| 52.5°  | 1841.1 | 1616.4 | 1114.0 | 719.2 | 519.7 | 442.5 | 424.3 | 429.5 | 428.6 | 419.1 | 419.9 |
| 55°    | 1981.6 | 1725.7 | 1146.1 | 711.4 | 511.0 | 437.3 | 419.9 | 423.4 | 420.8 | 409.5 | 407.8 |
| 57.5°  | 2102.2 | 1814.2 | 1160.0 | 700.2 | 501.5 | 432.1 | 417.3 | 420.8 | 415.6 | 402.6 | 401.7 |
| 60°    | 2204.6 | 1882.7 | 1160.9 | 684.5 | 490.2 | 427.7 | 414.7 | 419.1 | 414.7 | 399.1 | 397.4 |
| 62.5°  | 2267.9 | 1914.0 | 1138.3 | 660.3 | 478.9 | 422.5 | 414.7 | 418.2 | 413.0 | 397.4 | 396.5 |
| 65°    | 2278.3 | 1898.3 | 1101.9 | 632.5 | 465.9 | 417.3 | 413.0 | 417.3 | 412.1 | 395.6 | 393.9 |
| 67°    | 2237.6 | 1853.2 | 1052.4 | 606.5 | 454.6 | 413.0 | 409.5 | 415.6 | 409.5 | 393.9 | 391.3 |
| 67.5°  | 2223.7 | 1832.4 | 1041.1 | 603.0 | 452.0 | 411.2 | 408.6 | 413.9 | 408.6 | 393.0 | 390.4 |
| 70°    | 2102.2 | 1718.7 | 956.1  | 564.8 | 435.5 | 402.6 | 402.6 | 406.9 | 401.7 | 387.0 | 382.6 |
| 72.5°  | 1914.8 | 1559.1 | 871.1  | 528.4 | 417.3 | 389.6 | 392.2 | 396.5 | 391.3 | 377.4 | 372.2 |
| 75°    | 1697.9 | 1379.5 | 776.5  | 485.9 | 396.5 | 376.5 | 378.3 | 382.6 | 377.4 | 362.7 | 358.3 |
| 77.5°  | 1456.7 | 1172.1 | 681.1  | 446.8 | 374.8 | 359.2 | 360.1 | 362.7 | 358.3 | 343.6 | 339.2 |
| 80°    | 1198.2 | 966.5  | 583.9  | 402.6 | 349.6 | 337.5 | 338.4 | 338.4 | 332.3 | 320.1 | 316.7 |
| 82.5°  | 965.7  | 785.2  | 498.0  | 363.5 | 321.9 | 313.2 | 313.2 | 312.3 | 304.5 | 294.1 | 288.9 |
| 85°    | 751.4  | 633.4  | 417.3  | 323.6 | 294.1 | 286.3 | 285.4 | 282.0 | 274.2 | 262.9 | 256.8 |
| 87.5°  | 589.1  | 501.5  | 351.4  | 285.4 | 266.4 | 261.2 | 255.9 | 248.1 | 242.1 | 232.5 | 227.3 |
| 90°    | 459.8  | 398.2  | 296.7  | 250.7 | 239.5 | 232.5 | 227.3 | 217.8 | 208.2 | 198.7 | 196.1 |
| 92.5°  | 360.1  | 314.9  | 247.3  | 218.6 | 211.7 | 206.5 | 199.6 | 189.1 | 180.5 | 169.2 | 170.1 |
| 95°    | 285.4  | 255.9  | 210.8  | 192.6 | 187.4 | 183.1 | 174.4 | 163.1 | 153.6 | 143.2 | 141.4 |
| 97.5°  | 223.8  | 203.9  | 177.0  | 167.4 | 165.7 | 160.5 | 151.8 | 140.6 | 130.1 | 118.9 | 118.9 |
| 100°   | 177.9  | 166.6  | 149.2  | 147.5 | 144.0 | 140.6 | 131.9 | 121.5 | 108.5 | 98.9  | 98.9  |
| 102.5° | 143.2  | 133.6  | 127.5  | 127.5 | 126.7 | 123.2 | 114.5 | 104.1 | 91.1  | 81.6  | 81.6  |
| 105°   | 114.5  | 111.1  | 108.5  | 111.1 | 111.9 | 108.5 | 99.8  | 88.5  | 75.5  | 66.8  | 68.5  |
| 107.5° | 95.4   | 92.8   | 92.8   | 96.3  | 98.0  | 94.6  | 86.8  | 74.6  | 62.5  | 56.4  | 56.4  |



REPORT NUMBER: P414077

CATALOG NUMBER: LXF.LXT-PA1-100-830-U-T4W-FL

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110°   | 79.0 | 78.1 | 79.8 | 84.2 | 85.0 | 82.4 | 74.6 | 63.3 | 52.1 | 46.9 | 47.7 |
| 112.5° | 66.8 | 65.9 | 69.4 | 73.7 | 74.6 | 72.0 | 64.2 | 53.8 | 43.4 | 39.9 | 39.9 |
| 115°   | 56.4 | 57.3 | 59.9 | 63.3 | 65.1 | 62.5 | 55.5 | 46.0 | 35.6 | 33.8 | 33.8 |
| 117.5° | 48.6 | 49.5 | 52.1 | 56.4 | 57.3 | 53.8 | 46.9 | 38.2 | 30.4 | 29.5 | 29.5 |
| 120°   | 42.5 | 43.4 | 46.0 | 48.6 | 49.5 | 46.0 | 39.9 | 32.1 | 26.0 | 25.2 | 25.2 |
| 122.5° | 37.3 | 39.0 | 40.8 | 42.5 | 43.4 | 39.9 | 34.7 | 26.9 | 21.7 | 21.7 | 22.6 |
| 125°   | 33.0 | 33.8 | 35.6 | 37.3 | 37.3 | 33.8 | 28.6 | 22.6 | 19.1 | 19.1 | 19.1 |
| 127.5° | 29.5 | 29.5 | 30.4 | 32.1 | 32.1 | 29.5 | 24.3 | 18.2 | 16.5 | 16.5 | 17.4 |
| 130°   | 26.0 | 26.9 | 26.9 | 26.9 | 26.9 | 24.3 | 20.0 | 15.6 | 13.9 | 14.7 | 14.7 |
| 132.5° | 22.6 | 23.4 | 23.4 | 23.4 | 22.6 | 20.0 | 16.5 | 13.0 | 12.1 | 13.0 | 13.0 |
| 135°   | 20.0 | 20.0 | 20.0 | 20.0 | 18.2 | 16.5 | 13.0 | 10.4 | 10.4 | 11.3 | 11.3 |
| 137.5° | 17.4 | 17.4 | 17.4 | 16.5 | 14.7 | 13.0 | 10.4 | 8.7  | 8.7  | 9.5  | 9.5  |
| 140°   | 13.9 | 14.7 | 13.9 | 13.0 | 11.3 | 9.5  | 7.8  | 6.9  | 7.8  | 7.8  | 7.8  |
| 142.5° | 11.3 | 11.3 | 11.3 | 10.4 | 8.7  | 6.9  | 6.1  | 5.2  | 6.1  | 6.1  | 6.9  |
| 145°   | 8.7  | 8.7  | 8.7  | 7.8  | 6.1  | 4.3  | 4.3  | 4.3  | 5.2  | 5.2  | 5.2  |
| 147.5° | 6.1  | 6.1  | 6.1  | 5.2  | 3.5  | 2.6  | 2.6  | 2.6  | 3.5  | 3.5  | 3.5  |
| 150°   | 4.3  | 4.3  | 4.3  | 3.5  | 1.7  | 0.9  | 0.9  | 1.7  | 2.6  | 2.6  | 2.6  |
| 152.5° | 2.6  | 2.6  | 2.6  | 1.7  | 0.9  | 0.0  | 0.9  | 1.7  | 1.7  | 0.9  | 0.9  |
| 155°   | 1.7  | 1.7  | 1.7  | 1.7  | 0.9  | 0.0  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  |
| 157.5° | 1.7  | 1.7  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.9  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.9  | 0.9  | 0.9  | 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  |

(END OF REPORT)