

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: P415433

Luminaire Tested: **LXF.LXT-PA1-50-727-U-T4W-TL**

Issue Date: 10/26/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P415433  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1907-433-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 10/26/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA1-50-727-U-T4W-TL  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 2700K, 670mA LIGHT ENGINE WITH 24 LEDS AND TYPE IV WIDE OPTICS AND TEXTURED LENS PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5084 lumens  
Efficiency: N/A  
Efficacy: 94.1 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: B1 - U3 - G3

Input Watts (W): 54  
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

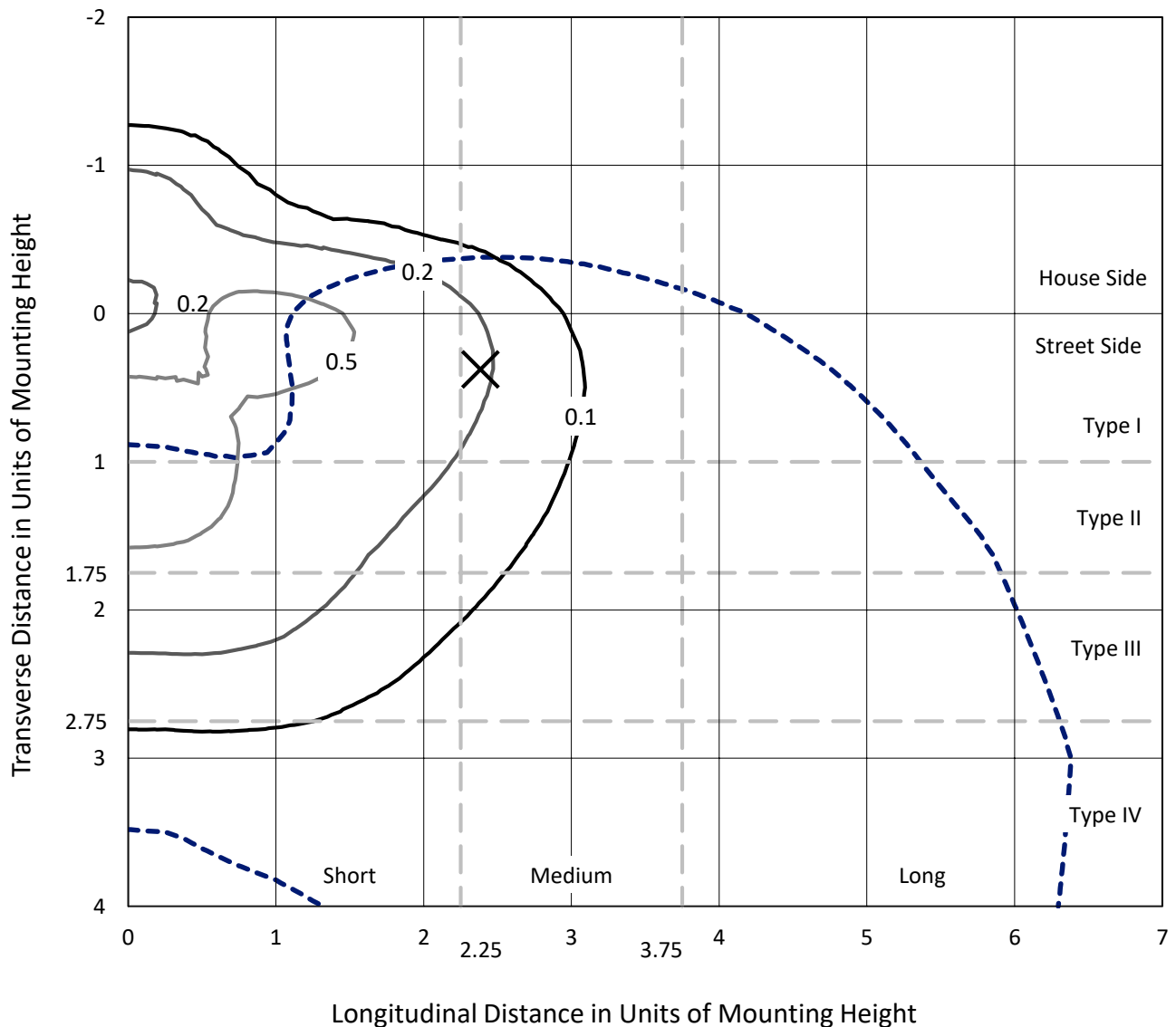


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

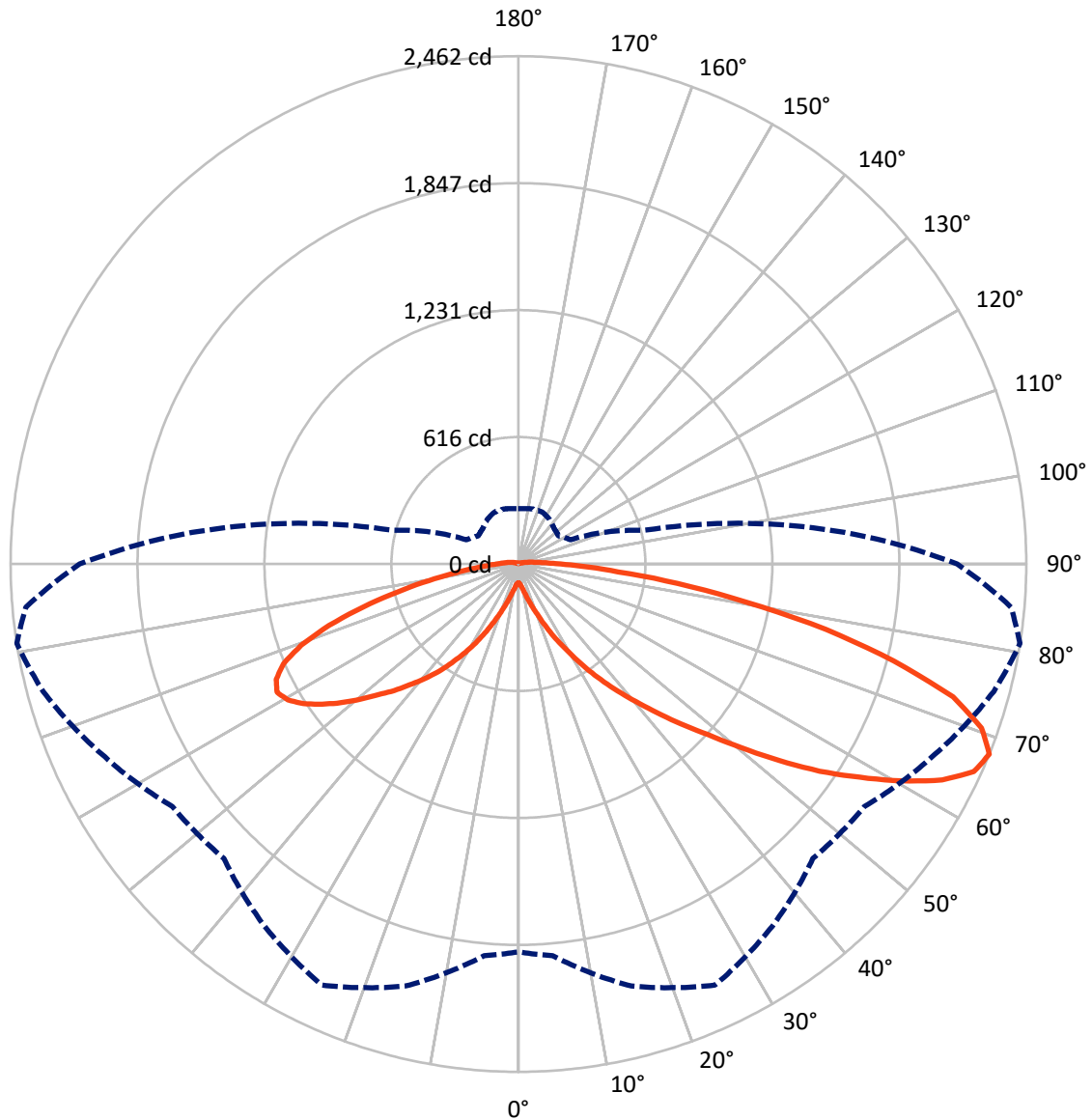


Based on 25 foot mounting height. Maximum calculated value = 0.8 fc  
 Type IV - Medium - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 81-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1112.9   | 79.2   | 1192.0 |
|                    | % Fixture | 21.9     | 1.6    | 23.4   |
| <b>Street Side</b> | Lumens    | 3792.4   | 99.5   | 3892.0 |
|                    | % Fixture | 74.6     | 2.0    | 76.6   |
| <b>Total</b>       | Lumens    | 4905.3   | 178.7  | 5084.0 |
|                    | % Fixture | 96.5     | 3.5    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 10.5   | 0.2       |
| 10°-20°   | 52.5   | 1.0       |
| 20°-30°   | 156.6  | 3.1       |
| 30°-40°   | 339.9  | 6.7       |
| 40°-50°   | 595.9  | 11.7      |
| 50°-60°   | 944.5  | 18.6      |
| 60°-70°   | 1274.5 | 25.1      |
| 70°-80°   | 1093.5 | 21.5      |
| 80°-90°   | 437.5  | 8.6       |
| 90°-100°  | 106.5  | 2.1       |
| 100°-110° | 37.4   | 0.7       |
| 110°-120° | 17.1   | 0.3       |
| 120°-130° | 9.2    | 0.2       |
| 130°-140° | 5.2    | 0.1       |
| 140°-150° | 2.4    | 0.0       |
| 150°-160° | 0.8    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 4905.3 | 96.5      |
| 0°-180°   | 5084.0 | 100.0     |



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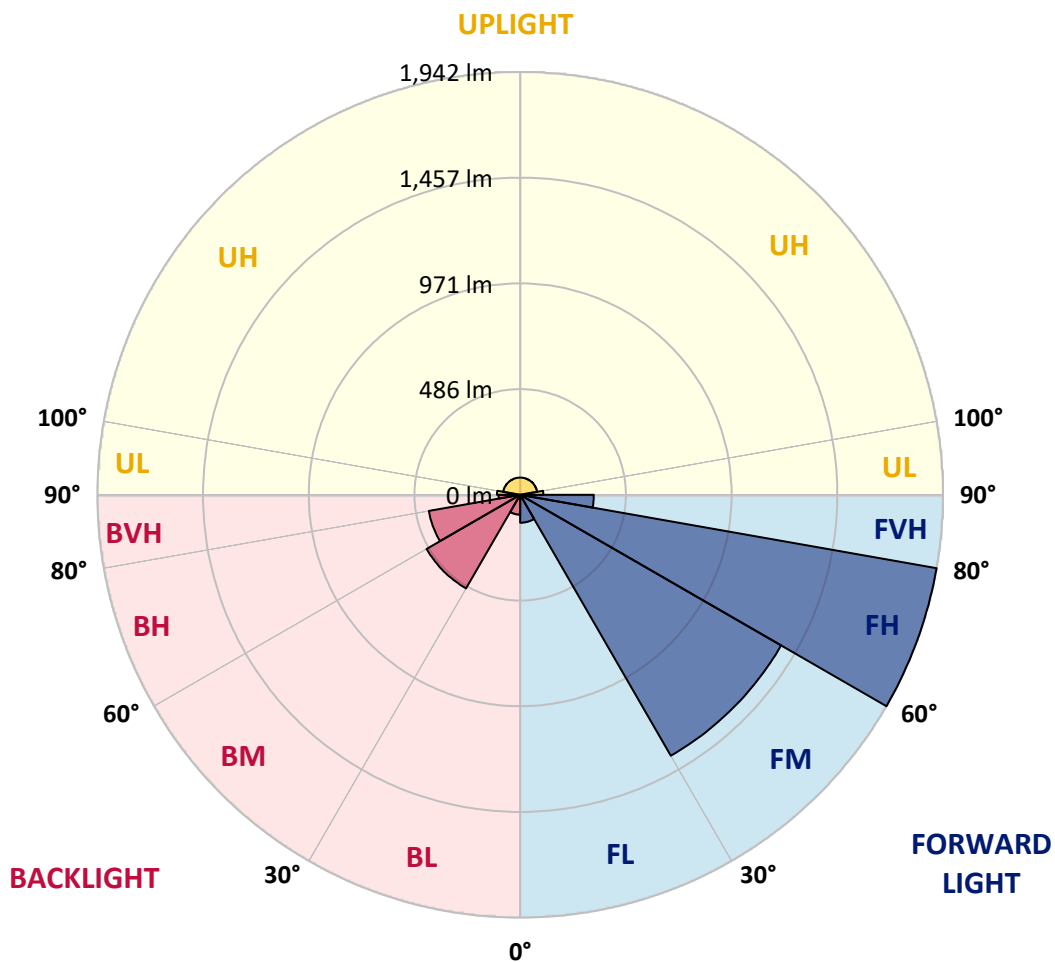
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 128.3  | 2.5       |                         |        |         |
| FM   | (30°-60°)   | 1383.8 | 27.2      |                         |        |         |
| FH   | (60°-80°)   | 1942.2 | 38.2      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 338.2  | 6.7       |                         |        | G3/500  |
| BL   | (0°-30°)    | 91.3   | 1.8       | B0/110                  |        |         |
| BM   | (30°-60°)   | 496.5  | 9.8       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 425.8  | 8.4       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 99.3   | 2.0       |                         |        | G1/100  |
| UL   | (90°-100°)  | 106.5  | 2.1       |                         | U3/500 |         |
| UH   | (100°-180°) | 79.2   | 1.6       |                         | U3/500 |         |

**BUG Rating: B1-U3-G3**

Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 81°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 91.5   | 91.5   | 91.5   | 91.5   | 91.5   | 91.5   | 91.5   | 91.5   | 91.5   | 91.5   | 91.5   |
| 2.5°   | 99.8   | 99.2   | 99.2   | 99.8   | 99.8   | 99.8   | 98.0   | 96.2   | 94.5   | 93.9   | 93.3   |
| 5°     | 113.4  | 112.2  | 112.2  | 112.2  | 111.6  | 109.8  | 107.5  | 105.1  | 102.7  | 101.6  | 100.4  |
| 7.5°   | 131.1  | 130.5  | 129.9  | 128.1  | 127.5  | 124.6  | 121.0  | 117.5  | 114.0  | 112.8  | 111.6  |
| 10°    | 155.3  | 154.7  | 151.7  | 151.2  | 148.2  | 145.3  | 139.9  | 134.6  | 129.9  | 128.1  | 126.4  |
| 12.5°  | 186.0  | 186.0  | 181.9  | 177.1  | 173.6  | 167.7  | 163.0  | 156.5  | 152.9  | 150.6  | 148.2  |
| 15°    | 226.1  | 223.8  | 218.5  | 213.2  | 203.7  | 196.6  | 189.5  | 186.0  | 183.6  | 180.7  | 177.1  |
| 17.5°  | 270.4  | 267.5  | 262.8  | 252.1  | 239.7  | 229.7  | 223.2  | 219.7  | 218.5  | 216.7  | 212.6  |
| 20°    | 323.6  | 320.0  | 313.5  | 297.0  | 283.4  | 269.8  | 262.2  | 260.4  | 261.6  | 258.6  | 254.5  |
| 22.5°  | 386.8  | 384.4  | 370.8  | 350.1  | 331.2  | 312.4  | 305.3  | 306.4  | 308.8  | 312.9  | 310.6  |
| 25°    | 458.8  | 452.9  | 439.9  | 410.4  | 379.1  | 360.8  | 353.7  | 359.0  | 369.6  | 375.5  | 370.8  |
| 27.5°  | 542.6  | 539.1  | 513.1  | 474.7  | 434.0  | 409.2  | 403.9  | 419.2  | 437.5  | 442.3  | 442.3  |
| 30°    | 631.2  | 633.6  | 595.8  | 550.3  | 498.9  | 464.7  | 458.2  | 480.0  | 511.3  | 514.3  | 522.0  |
| 32.5°  | 743.4  | 739.3  | 699.7  | 625.3  | 564.5  | 520.2  | 516.1  | 546.8  | 586.3  | 601.7  | 601.7  |
| 35°    | 860.9  | 856.8  | 808.3  | 720.4  | 635.9  | 578.6  | 581.6  | 614.1  | 667.8  | 687.3  | 690.2  |
| 37.5°  | 996.1  | 982.5  | 930.0  | 820.7  | 713.9  | 646.6  | 641.2  | 690.2  | 753.4  | 781.2  | 781.2  |
| 40°    | 1144.9 | 1137.2 | 1064.0 | 934.7  | 793.6  | 716.8  | 712.7  | 769.4  | 846.1  | 876.8  | 882.7  |
| 42.5°  | 1289.6 | 1279.5 | 1211.6 | 1045.1 | 885.7  | 791.2  | 791.8  | 853.8  | 941.8  | 984.3  | 992.0  |
| 45°    | 1442.5 | 1433.0 | 1358.6 | 1180.9 | 985.5  | 883.3  | 876.2  | 953.6  | 1058.7 | 1105.9 | 1114.8 |
| 47.5°  | 1578.3 | 1571.8 | 1507.4 | 1316.1 | 1109.5 | 981.9  | 972.5  | 1061.6 | 1183.3 | 1235.8 | 1262.4 |
| 50°    | 1725.9 | 1717.6 | 1657.4 | 1460.2 | 1232.9 | 1087.0 | 1086.4 | 1182.1 | 1334.4 | 1398.2 | 1420.1 |
| 52.5°  | 1845.8 | 1836.3 | 1794.4 | 1604.9 | 1355.1 | 1209.8 | 1199.8 | 1317.3 | 1490.9 | 1582.4 | 1593.1 |
| 55°    | 1956.2 | 1952.6 | 1938.5 | 1760.2 | 1503.9 | 1330.3 | 1336.8 | 1476.1 | 1669.2 | 1772.6 | 1788.5 |
| 57.5°  | 2035.9 | 2040.6 | 2047.1 | 1916.0 | 1649.7 | 1464.9 | 1476.7 | 1635.6 | 1854.6 | 1950.9 | 1972.7 |
| 60°    | 2090.2 | 2106.8 | 2149.9 | 2051.8 | 1798.5 | 1612.0 | 1632.0 | 1793.2 | 2032.9 | 2135.7 | 2153.4 |
| 62.5°  | 2094.4 | 2112.1 | 2212.4 | 2178.8 | 1941.4 | 1762.5 | 1785.5 | 1955.6 | 2192.4 | 2306.3 | 2308.1 |
| 65°    | 2015.8 | 2040.0 | 2200.6 | 2247.3 | 2067.2 | 1906.6 | 1927.3 | 2100.3 | 2325.8 | 2426.8 | 2390.2 |
| 67.5°  | 1880.6 | 1906.0 | 2118.6 | 2253.2 | 2145.1 | 2018.8 | 2048.3 | 2212.4 | 2386.0 | 2462.2 | 2397.3 |
| 70°    | 1684.6 | 1709.4 | 1933.2 | 2164.0 | 2159.3 | 2084.9 | 2123.9 | 2258.5 | 2374.8 | 2382.5 | 2291.0 |
| 72.5°  | 1427.1 | 1424.8 | 1666.3 | 1969.2 | 2080.8 | 2079.6 | 2141.6 | 2223.7 | 2246.7 | 2203.6 | 2067.8 |
| 75°    | 1092.9 | 1123.6 | 1343.9 | 1687.5 | 1901.9 | 1985.7 | 2048.3 | 2079.6 | 2013.5 | 1880.0 | 1733.0 |
| 77.5°  | 782.9  | 808.3  | 1008.5 | 1330.3 | 1636.2 | 1790.9 | 1859.9 | 1845.2 | 1681.0 | 1524.6 | 1355.7 |
| 80°    | 518.4  | 533.2  | 700.3  | 993.2  | 1319.1 | 1498.6 | 1581.8 | 1525.2 | 1316.7 | 1116.6 | 970.7  |
| 82.5°  | 311.2  | 335.4  | 440.5  | 697.9  | 978.4  | 1184.5 | 1235.2 | 1140.8 | 940.0  | 777.0  | 670.2  |
| 85°    | 188.4  | 193.7  | 274.0  | 446.4  | 683.2  | 852.0  | 900.4  | 798.9  | 618.2  | 485.4  | 402.7  |
| 87.5°  | 105.7  | 115.1  | 169.5  | 290.5  | 459.4  | 591.6  | 608.8  | 526.1  | 387.9  | 301.1  | 252.1  |
| 90°    | 62.0   | 68.5   | 103.9  | 180.1  | 292.9  | 382.6  | 387.3  | 318.3  | 229.7  | 181.3  | 161.2  |
| 92.5°  | 39.6   | 44.3   | 69.1   | 115.7  | 188.4  | 248.6  | 242.1  | 196.6  | 147.0  | 121.0  | 104.5  |
| 95°    | 28.3   | 30.7   | 48.4   | 79.7   | 126.4  | 156.5  | 154.1  | 123.4  | 98.6   | 84.4   | 76.8   |
| 97.5°  | 21.3   | 23.6   | 37.8   | 58.5   | 85.0   | 105.1  | 102.7  | 82.1   | 68.5   | 62.0   | 59.0   |
| 100°   | 17.7   | 18.9   | 30.7   | 46.1   | 63.2   | 75.6   | 74.4   | 60.8   | 51.4   | 46.6   | 45.5   |
| 102.5° | 15.4   | 16.5   | 25.4   | 37.2   | 50.2   | 58.5   | 56.1   | 47.2   | 39.0   | 34.8   | 33.7   |
| 105°   | 13.6   | 14.2   | 21.8   | 31.9   | 41.3   | 46.1   | 45.5   | 37.8   | 30.1   | 26.0   | 25.4   |
| 107.5° | 12.4   | 13.0   | 18.9   | 27.2   | 34.8   | 39.0   | 37.8   | 30.7   | 23.0   | 20.1   | 19.5   |
| 110°   | 11.2   | 11.8   | 16.5   | 23.6   | 29.5   | 33.1   | 31.3   | 25.4   | 18.3   | 15.4   | 15.4   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°  | 65°  | 75°  | 81°  | 85°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 10.6 | 10.6 | 14.8 | 20.1 | 25.4 | 28.3 | 26.6 | 20.7 | 14.2 | 12.4 | 13.0 |
| 115°   | 10.0 | 10.0 | 13.0 | 17.7 | 22.4 | 24.8 | 22.4 | 17.1 | 11.8 | 10.6 | 10.6 |
| 117.5° | 9.4  | 9.4  | 11.8 | 15.9 | 20.1 | 21.8 | 19.5 | 14.8 | 10.0 | 8.9  | 9.4  |
| 120°   | 8.9  | 9.4  | 11.2 | 14.2 | 17.7 | 18.9 | 17.1 | 12.4 | 8.3  | 8.3  | 8.9  |
| 122.5° | 8.9  | 8.9  | 10.6 | 13.0 | 15.9 | 16.5 | 14.8 | 10.6 | 7.7  | 7.7  | 7.7  |
| 125°   | 8.9  | 8.9  | 10.0 | 11.8 | 14.2 | 14.8 | 12.4 | 8.9  | 7.1  | 7.1  | 7.1  |
| 127.5° | 8.9  | 8.9  | 9.4  | 11.2 | 12.4 | 13.0 | 11.2 | 8.3  | 6.5  | 6.5  | 7.1  |
| 130°   | 8.3  | 8.9  | 8.9  | 10.0 | 11.2 | 11.2 | 9.4  | 7.1  | 5.9  | 5.9  | 6.5  |
| 132.5° | 8.3  | 8.3  | 8.9  | 9.4  | 10.0 | 10.0 | 8.3  | 6.5  | 5.3  | 5.9  | 5.9  |
| 135°   | 8.3  | 8.3  | 8.3  | 8.9  | 9.4  | 8.9  | 7.1  | 5.3  | 4.7  | 5.3  | 5.3  |
| 137.5° | 7.7  | 7.7  | 7.7  | 8.3  | 8.3  | 7.7  | 6.5  | 4.7  | 4.7  | 4.7  | 4.7  |
| 140°   | 7.1  | 7.1  | 7.1  | 7.1  | 7.7  | 7.1  | 5.3  | 4.1  | 4.1  | 4.1  | 4.1  |
| 142.5° | 6.5  | 6.5  | 6.5  | 6.5  | 6.5  | 5.9  | 4.7  | 3.5  | 3.5  | 3.5  | 3.5  |
| 145°   | 5.9  | 5.9  | 5.9  | 5.9  | 5.3  | 4.7  | 3.5  | 3.0  | 3.0  | 3.5  | 3.5  |
| 147.5° | 4.7  | 4.7  | 4.7  | 4.7  | 4.7  | 4.1  | 3.0  | 2.4  | 3.0  | 3.0  | 3.0  |
| 150°   | 4.1  | 4.1  | 4.1  | 4.1  | 3.5  | 3.5  | 2.4  | 2.4  | 2.4  | 3.0  | 3.0  |
| 152.5° | 3.0  | 3.0  | 3.0  | 3.5  | 3.0  | 2.4  | 1.8  | 1.8  | 2.4  | 2.4  | 2.4  |
| 155°   | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 1.8  | 1.2  | 1.8  | 2.4  | 2.4  | 2.4  |
| 157.5° | 1.2  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.2  | 1.8  | 1.8  | 1.8  | 1.8  |
| 160°   | 0.6  | 0.6  | 1.2  | 1.2  | 1.8  | 1.8  | 1.2  | 1.2  | 1.8  | 1.8  | 1.8  |
| 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°     | 91.5   | 91.5   | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  |
| 2.5°   | 93.3   | 92.7   | 92.1  | 91.5  | 90.9  | 90.9  | 90.3  | 89.7  | 89.2  | 88.6  | 88.6  |
| 5°     | 99.8   | 98.6   | 96.8  | 95.7  | 94.5  | 94.5  | 93.3  | 92.7  | 91.5  | 90.9  | 90.9  |
| 7.5°   | 109.8  | 109.2  | 105.7 | 103.9 | 102.1 | 101.6 | 100.4 | 99.2  | 98.0  | 98.0  | 98.0  |
| 10°    | 124.6  | 122.8  | 119.9 | 115.1 | 113.4 | 112.2 | 110.4 | 109.2 | 109.2 | 109.8 | 109.8 |
| 12.5°  | 147.0  | 142.3  | 138.2 | 131.7 | 128.1 | 125.8 | 124.6 | 125.2 | 128.1 | 129.3 | 128.1 |
| 15°    | 173.0  | 171.8  | 161.8 | 152.3 | 145.3 | 140.5 | 143.5 | 147.0 | 151.2 | 152.3 | 154.1 |
| 17.5°  | 209.0  | 204.9  | 191.3 | 177.7 | 164.7 | 162.4 | 165.9 | 171.8 | 176.5 | 180.1 | 183.0 |
| 20°    | 252.1  | 245.0  | 228.5 | 204.9 | 190.1 | 186.6 | 188.9 | 197.2 | 206.1 | 213.2 | 213.7 |
| 22.5°  | 306.4  | 295.8  | 266.3 | 236.8 | 214.9 | 209.0 | 212.0 | 225.0 | 238.0 | 246.8 | 246.2 |
| 25°    | 365.5  | 352.5  | 312.9 | 270.4 | 240.3 | 229.7 | 235.0 | 252.1 | 270.4 | 281.1 | 282.2 |
| 27.5°  | 431.6  | 418.6  | 363.7 | 302.9 | 263.3 | 247.4 | 256.3 | 275.7 | 300.5 | 313.5 | 315.9 |
| 30°    | 509.6  | 491.9  | 414.5 | 337.7 | 284.6 | 263.9 | 272.2 | 297.6 | 324.8 | 343.1 | 345.4 |
| 32.5°  | 590.5  | 562.7  | 465.3 | 366.1 | 299.4 | 274.6 | 284.0 | 313.5 | 344.8 | 364.9 | 368.4 |
| 35°    | 674.3  | 640.1  | 516.7 | 390.3 | 310.0 | 281.1 | 290.5 | 323.6 | 356.6 | 378.5 | 381.4 |
| 37.5°  | 768.8  | 723.3  | 563.3 | 408.6 | 315.9 | 282.8 | 292.3 | 325.3 | 359.0 | 380.3 | 383.2 |
| 40°    | 863.8  | 803.0  | 602.3 | 419.8 | 316.5 | 281.1 | 288.7 | 320.6 | 352.5 | 370.8 | 373.8 |
| 42.5°  | 966.0  | 886.9  | 641.2 | 422.8 | 313.5 | 276.3 | 282.8 | 311.2 | 338.3 | 352.5 | 354.3 |
| 45°    | 1080.5 | 983.7  | 674.3 | 420.4 | 305.3 | 269.2 | 274.0 | 298.2 | 319.4 | 325.9 | 328.9 |
| 47.5°  | 1201.6 | 1079.4 | 699.7 | 413.3 | 297.0 | 261.6 | 264.5 | 284.6 | 298.2 | 298.8 | 299.4 |
| 50°    | 1349.2 | 1195.7 | 731.0 | 403.3 | 285.8 | 254.5 | 256.3 | 272.2 | 278.7 | 275.7 | 274.6 |
| 52.5°  | 1511.0 | 1320.3 | 751.1 | 387.3 | 275.7 | 248.0 | 249.8 | 262.2 | 264.5 | 258.0 | 258.6 |
| 55°    | 1686.9 | 1436.6 | 768.2 | 372.0 | 265.1 | 243.9 | 247.4 | 257.4 | 257.4 | 249.2 | 248.6 |
| 57.5°  | 1851.1 | 1555.3 | 775.9 | 352.5 | 256.3 | 240.9 | 246.8 | 256.8 | 255.7 | 248.0 | 247.4 |
| 60°    | 2009.9 | 1652.1 | 766.4 | 333.6 | 250.4 | 239.7 | 250.4 | 261.0 | 259.8 | 253.3 | 252.7 |
| 62.5°  | 2119.7 | 1712.9 | 742.8 | 314.7 | 245.0 | 241.5 | 254.5 | 266.9 | 266.9 | 259.8 | 259.8 |
| 65°    | 2167.0 | 1705.8 | 694.4 | 295.8 | 240.9 | 242.7 | 260.4 | 273.4 | 272.2 | 266.3 | 265.1 |
| 67.5°  | 2127.4 | 1641.5 | 629.4 | 277.5 | 237.4 | 243.9 | 263.3 | 276.9 | 275.7 | 269.2 | 268.1 |
| 70°    | 2000.5 | 1506.3 | 550.9 | 261.0 | 232.6 | 242.1 | 264.5 | 276.3 | 274.6 | 268.7 | 266.3 |
| 72.5°  | 1747.8 | 1296.1 | 468.8 | 245.0 | 225.6 | 238.0 | 261.0 | 271.6 | 269.8 | 265.1 | 262.2 |
| 75°    | 1439.5 | 1045.1 | 387.3 | 227.3 | 216.7 | 230.3 | 253.3 | 262.8 | 260.4 | 256.3 | 253.3 |
| 77.5°  | 1100.6 | 789.4  | 320.0 | 210.8 | 206.1 | 220.2 | 242.7 | 249.8 | 247.4 | 243.9 | 242.1 |
| 80°    | 778.8  | 562.1  | 257.4 | 192.5 | 190.7 | 204.9 | 223.8 | 231.5 | 230.3 | 226.7 | 223.8 |
| 82.5°  | 512.5  | 373.8  | 205.5 | 171.8 | 173.0 | 187.8 | 201.9 | 206.1 | 205.5 | 202.5 | 199.0 |
| 85°    | 315.9  | 246.2  | 161.8 | 148.2 | 153.5 | 165.3 | 177.1 | 177.7 | 176.0 | 175.4 | 170.1 |
| 87.5°  | 201.3  | 168.3  | 126.9 | 125.8 | 133.4 | 143.5 | 148.8 | 146.4 | 147.6 | 147.6 | 143.5 |
| 90°    | 131.1  | 118.1  | 101.6 | 105.1 | 113.4 | 121.0 | 123.4 | 116.9 | 120.5 | 118.7 | 116.9 |
| 92.5°  | 95.1   | 88.0   | 82.7  | 87.4  | 95.7  | 102.7 | 101.6 | 94.5  | 96.2  | 96.2  | 95.7  |
| 95°    | 72.0   | 68.5   | 69.1  | 73.8  | 80.3  | 85.0  | 82.7  | 76.8  | 77.4  | 76.2  | 74.4  |
| 97.5°  | 56.7   | 56.1   | 58.5  | 62.0  | 67.9  | 70.9  | 68.5  | 63.2  | 62.6  | 60.8  | 60.2  |
| 100°   | 44.9   | 45.5   | 49.0  | 53.1  | 56.7  | 59.0  | 57.3  | 52.0  | 49.6  | 46.6  | 46.1  |
| 102.5° | 34.8   | 36.0   | 40.7  | 44.3  | 47.8  | 49.6  | 47.8  | 43.7  | 39.6  | 36.6  | 36.0  |
| 105°   | 27.2   | 28.3   | 33.7  | 37.2  | 40.2  | 41.3  | 40.2  | 35.4  | 31.3  | 27.8  | 27.8  |
| 107.5° | 21.3   | 22.4   | 27.8  | 31.9  | 33.7  | 34.8  | 33.1  | 29.5  | 24.8  | 21.8  | 21.8  |
| 110°   | 17.1   | 18.3   | 23.0  | 26.6  | 28.3  | 29.5  | 27.8  | 23.6  | 20.1  | 17.7  | 17.7  |



REPORT NUMBER: P415433

CATALOG NUMBER: LXF.LXT-PA1-50-727-U-T4W-TL

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 13.6 | 15.4 | 18.9 | 22.4 | 24.2 | 24.8 | 23.0 | 20.1 | 15.9 | 14.8 | 14.8 |
| 115°   | 11.8 | 13.0 | 15.9 | 18.9 | 20.7 | 20.7 | 19.5 | 16.5 | 13.0 | 12.4 | 12.4 |
| 117.5° | 10.0 | 11.2 | 13.6 | 16.5 | 17.7 | 17.7 | 16.5 | 13.6 | 11.2 | 10.6 | 10.6 |
| 120°   | 9.4  | 10.0 | 11.8 | 14.2 | 15.4 | 15.4 | 14.2 | 11.8 | 9.4  | 9.4  | 9.4  |
| 122.5° | 8.3  | 8.9  | 10.6 | 12.4 | 13.6 | 13.6 | 12.4 | 10.0 | 8.3  | 8.9  | 8.9  |
| 125°   | 7.7  | 8.3  | 9.4  | 10.6 | 11.8 | 11.8 | 10.6 | 8.9  | 7.7  | 7.7  | 7.7  |
| 127.5° | 7.1  | 7.7  | 8.3  | 9.4  | 10.0 | 10.0 | 9.4  | 7.7  | 7.1  | 7.1  | 7.1  |
| 130°   | 6.5  | 7.1  | 7.7  | 8.3  | 8.9  | 8.9  | 7.7  | 6.5  | 6.5  | 6.5  | 6.5  |
| 132.5° | 6.5  | 6.5  | 6.5  | 7.1  | 7.7  | 7.7  | 7.1  | 5.9  | 5.9  | 5.9  | 5.9  |
| 135°   | 5.9  | 5.9  | 5.9  | 5.9  | 6.5  | 6.5  | 5.9  | 5.3  | 5.3  | 5.3  | 5.3  |
| 137.5° | 5.3  | 5.3  | 5.3  | 5.3  | 5.9  | 5.9  | 5.3  | 4.7  | 4.7  | 4.7  | 4.7  |
| 140°   | 4.7  | 4.7  | 4.7  | 4.1  | 4.7  | 4.7  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  |
| 142.5° | 3.5  | 4.1  | 3.5  | 3.5  | 3.5  | 3.5  | 3.5  | 3.0  | 3.5  | 3.5  | 3.5  |
| 145°   | 3.5  | 3.5  | 3.5  | 3.0  | 3.0  | 3.0  | 3.0  | 2.4  | 3.0  | 3.0  | 3.0  |
| 147.5° | 3.0  | 3.0  | 3.0  | 2.4  | 1.8  | 2.4  | 1.8  | 2.4  | 2.4  | 2.4  | 2.4  |
| 150°   | 3.0  | 3.0  | 2.4  | 2.4  | 1.8  | 1.2  | 1.2  | 1.8  | 1.8  | 1.8  | 1.8  |
| 152.5° | 2.4  | 2.4  | 2.4  | 1.8  | 1.2  | 0.6  | 0.6  | 1.2  | 1.2  | 1.2  | 1.2  |
| 155°   | 2.4  | 2.4  | 1.8  | 1.8  | 1.2  | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  |
| 157.5° | 1.8  | 1.8  | 1.8  | 1.2  | 1.2  | 0.6  | 0.0  | 0.6  | 0.0  | 0.0  | 0.0  |
| 160°   | 1.8  | 1.8  | 1.8  | 1.2  | 0.6  | 0.6  | 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)