

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: P415506

Luminaire Tested: **LXF.LXT-PA1-50-740-U-T2R-FL**

Issue Date: 10/26/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P415506  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1909-505-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 10/26/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA1-50-740-U-T2R-FL  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 4000K, 670mA LIGHT ENGINE WITH 24 LEDS AND TYPE II ROADWAY OPTICS AND FROSTED LENS PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5819 lumens  
Efficiency: N/A  
Efficacy: 107.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B1 - U3 - G3

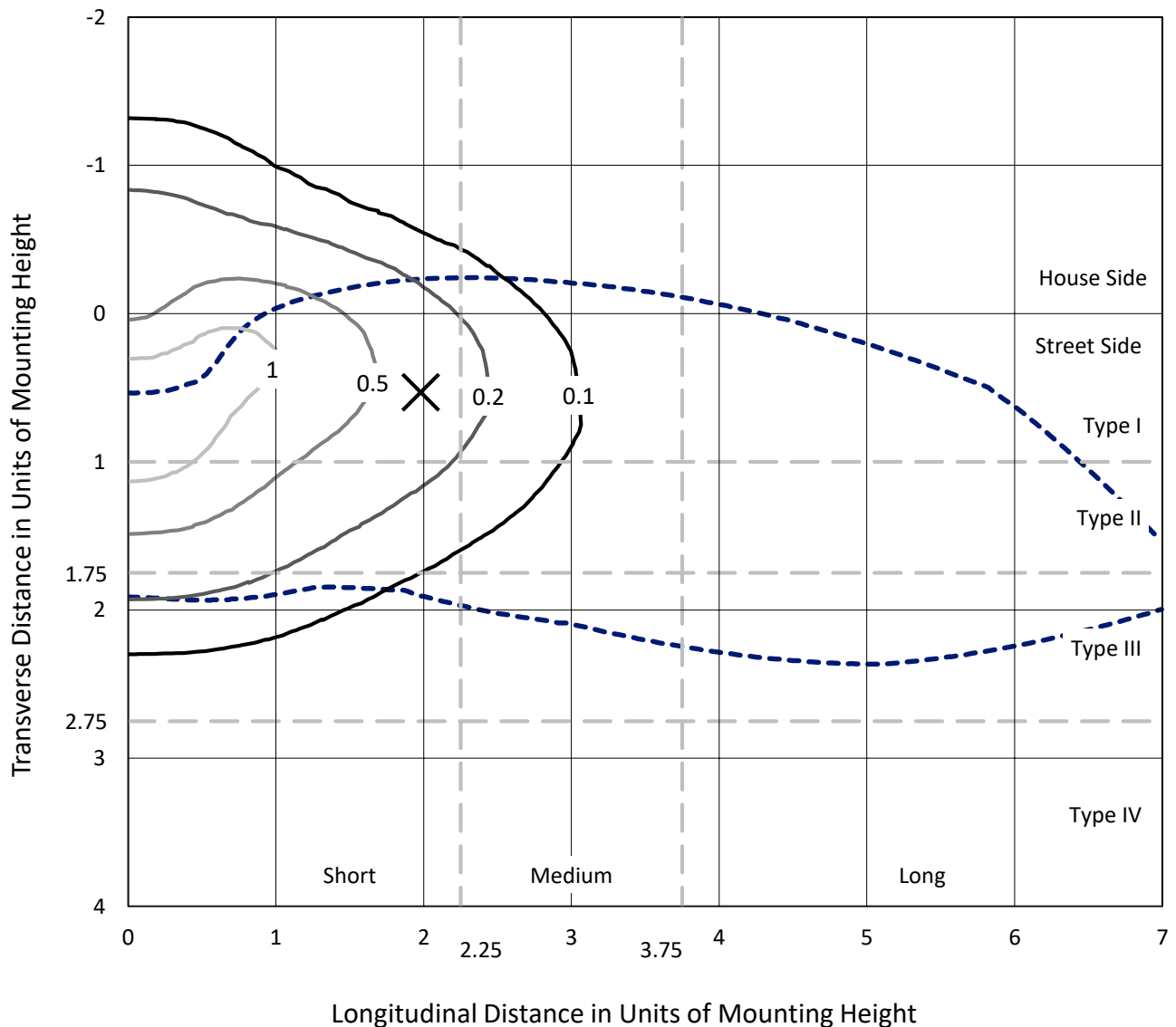
Input Watts (W): 54  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



REPORT NUMBER: P415506  
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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

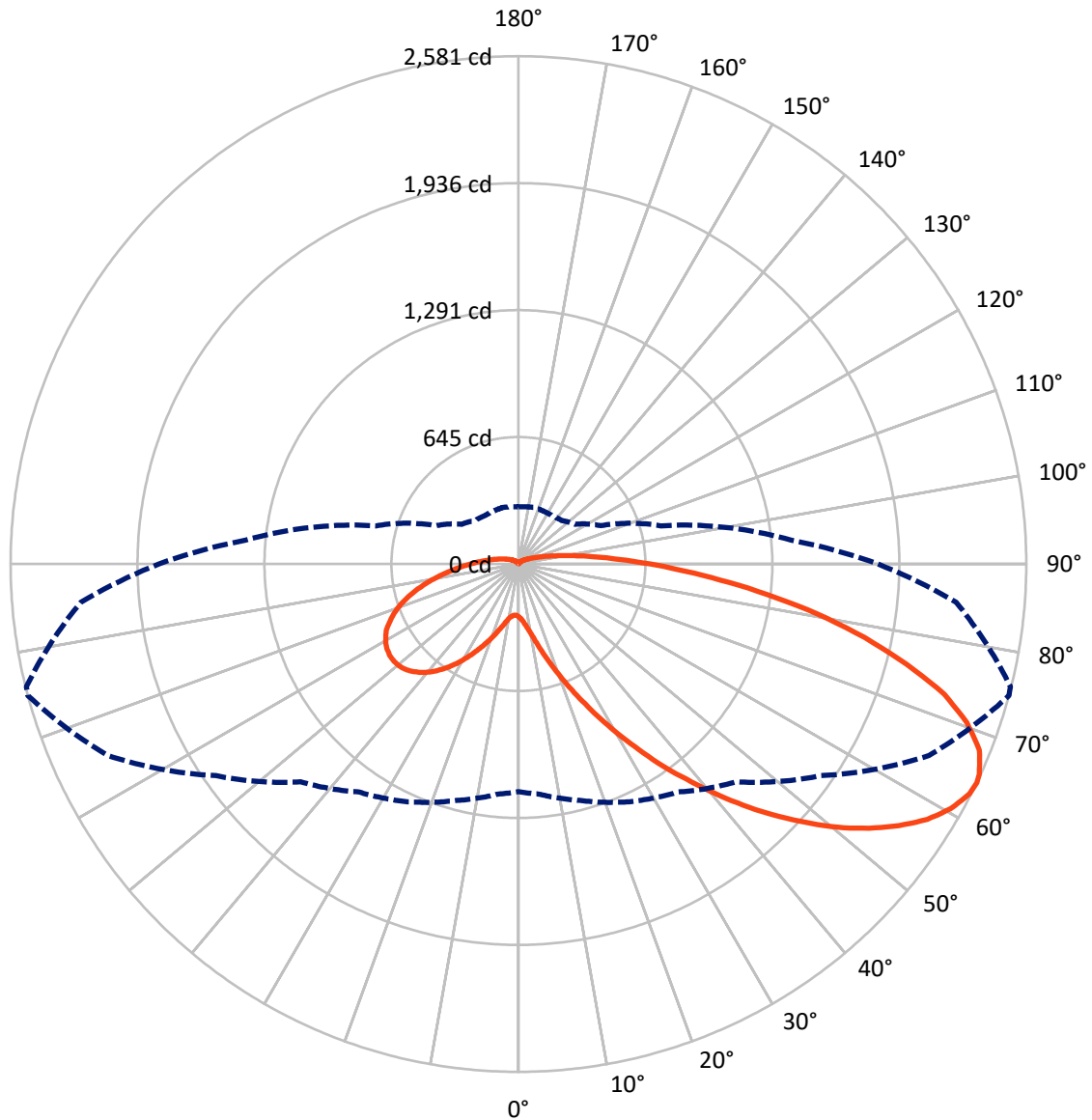


Based on 25 foot mounting height. Maximum calculated value = 1.5 fc  
 Type III - Short - Non-Cutoff

REPORT NUMBER: P415506

CATALOG NUMBER: LXF.LXT-PA1-50-740-U-T2R-FL

### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral      - - - Horizontal Cone Through 64-Deg Vertical



REPORT NUMBER: P415506

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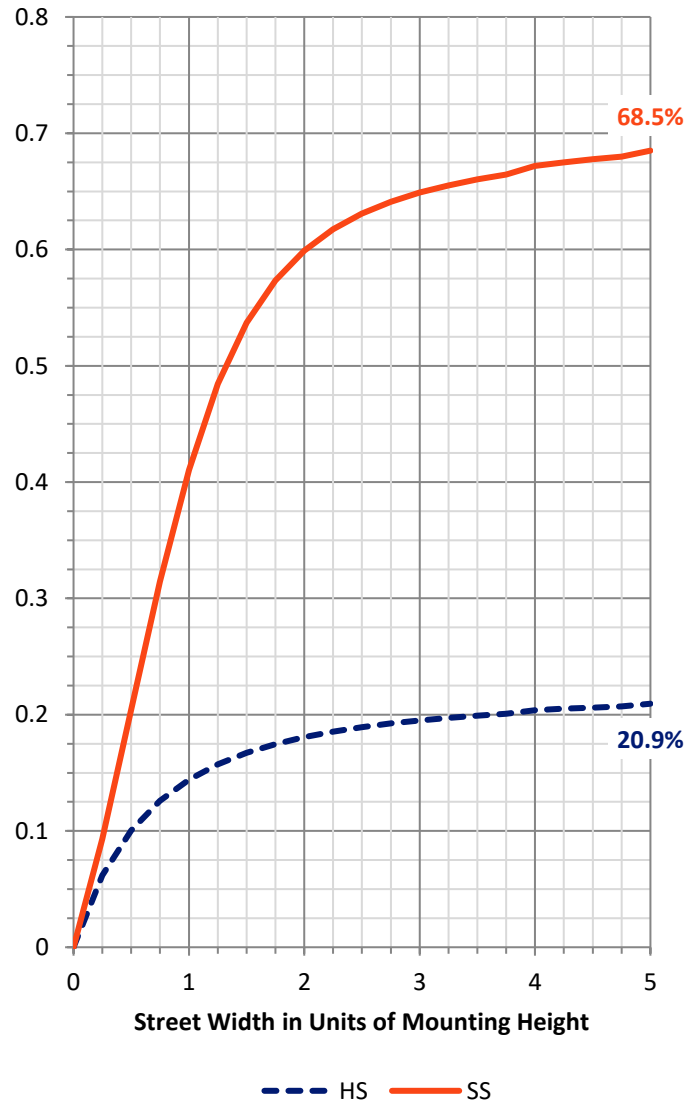
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1283.4   | 169.0  | 1452.5 |
|                    | % Fixture | 22.1     | 2.9    | 25.0   |
| <b>Street Side</b> | Lumens    | 4109.4   | 257.2  | 4366.5 |
|                    | % Fixture | 70.6     | 4.4    | 75.0   |
| <b>Total</b>       | Lumens    | 5392.8   | 426.2  | 5819.0 |
|                    | % Fixture | 92.7     | 7.3    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 28.2   | 0.5       |
| 10°-20°   | 117.4  | 2.0       |
| 20°-30°   | 297.1  | 5.1       |
| 30°-40°   | 581.9  | 10.0      |
| 40°-50°   | 905.3  | 15.6      |
| 50°-60°   | 1110.2 | 19.1      |
| 60°-70°   | 1079.2 | 18.5      |
| 70°-80°   | 813.9  | 14.0      |
| 80°-90°   | 459.6  | 7.9       |
| 90°-100°  | 216.8  | 3.7       |
| 100°-110° | 104.7  | 1.8       |
| 110°-120° | 55.0   | 0.9       |
| 120°-130° | 29.6   | 0.5       |
| 130°-140° | 14.5   | 0.2       |
| 140°-150° | 5.0    | 0.1       |
| 150°-160° | 0.7    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 5392.8 | 92.7      |
| 0°-180°   | 5819.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P415506

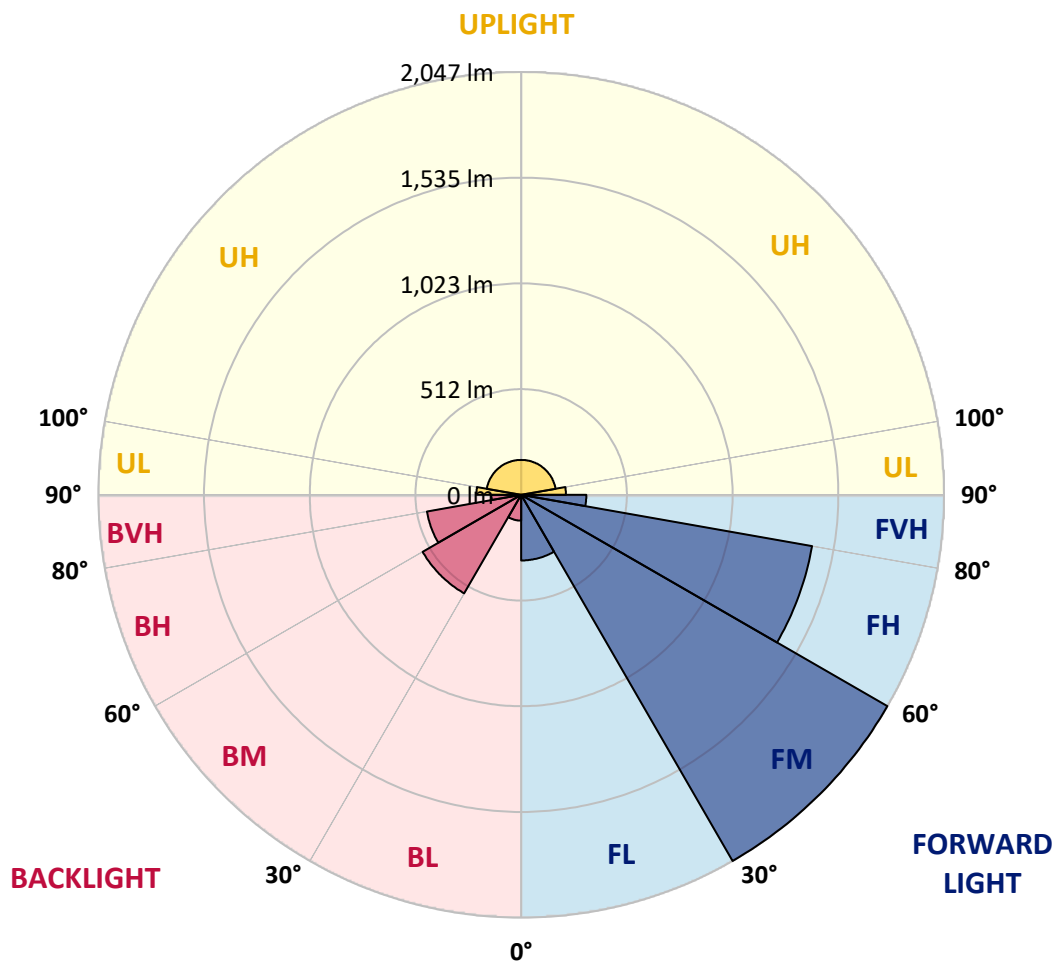
CATALOG NUMBER: LXF.LXT-PA1-50-740-U-T2R-FL

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 317.9  | 5.5       |                         |        |         |
| FM   | (30°-60°)   | 2046.6 | 35.2      |                         |        |         |
| FH   | (60°-80°)   | 1429.7 | 24.6      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 315.2  | 5.4       |                         |        | G3/500  |
| BL   | (0°-30°)    | 124.9  | 2.1       | B1/500                  |        |         |
| BM   | (30°-60°)   | 550.8  | 9.5       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 463.4  | 8.0       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 144.4  | 2.5       |                         |        | G2/225  |
| UL   | (90°-100°)  | 216.8  | 3.7       |                         | U3/500 |         |
| UH   | (100°-180°) | 169.0  | 2.9       |                         | U3/500 |         |

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

Type III Short





REPORT NUMBER: P415506

CATALOG NUMBER: LXF.LXT-PA1-50-740-U-T2R-FL

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 76°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 268.3  | 268.3  | 268.3  | 268.3  | 268.3  | 268.3  | 268.3  | 268.3  | 268.3  | 268.3  | 268.3  |
| 2.5°   | 312.8  | 309.9  | 308.5  | 307.8  | 302.9  | 297.9  | 292.3  | 286.6  | 280.3  | 278.9  | 273.2  |
| 5°     | 361.5  | 358.0  | 356.5  | 352.3  | 345.2  | 336.8  | 324.8  | 313.5  | 299.4  | 300.1  | 287.4  |
| 7.5°   | 417.3  | 414.4  | 410.2  | 403.9  | 393.3  | 382.0  | 364.3  | 347.4  | 328.3  | 326.2  | 307.8  |
| 10°    | 480.8  | 478.7  | 474.5  | 464.6  | 451.2  | 432.1  | 414.4  | 389.0  | 362.2  | 360.8  | 334.0  |
| 12.5°  | 557.1  | 554.2  | 542.2  | 532.3  | 514.7  | 497.0  | 470.2  | 439.9  | 410.9  | 407.4  | 374.2  |
| 15°    | 643.2  | 639.0  | 630.5  | 615.0  | 595.9  | 566.9  | 538.7  | 508.3  | 470.2  | 463.9  | 425.0  |
| 17.5°  | 731.4  | 731.4  | 720.9  | 702.5  | 676.4  | 651.0  | 619.9  | 581.8  | 533.8  | 533.1  | 481.5  |
| 20°    | 842.3  | 840.9  | 824.6  | 797.8  | 771.7  | 744.9  | 707.4  | 664.4  | 610.7  | 605.8  | 542.9  |
| 22.5°  | 962.3  | 960.9  | 941.1  | 912.2  | 878.3  | 840.2  | 798.5  | 753.3  | 694.7  | 688.4  | 615.0  |
| 25°    | 1092.2 | 1091.5 | 1071.1 | 1026.6 | 983.5  | 947.5  | 904.4  | 854.3  | 786.5  | 785.1  | 696.9  |
| 27.5°  | 1250.4 | 1242.6 | 1210.8 | 1156.5 | 1102.1 | 1055.5 | 1005.4 | 960.2  | 892.4  | 881.8  | 783.7  |
| 30°    | 1402.9 | 1398.6 | 1355.6 | 1297.0 | 1222.1 | 1160.7 | 1109.9 | 1075.3 | 1005.4 | 995.5  | 885.4  |
| 32.5°  | 1560.3 | 1557.5 | 1505.3 | 1437.5 | 1345.0 | 1268.7 | 1229.2 | 1191.8 | 1124.7 | 1120.5 | 985.6  |
| 35°    | 1734.7 | 1723.4 | 1663.4 | 1570.2 | 1462.9 | 1377.5 | 1342.2 | 1325.2 | 1258.9 | 1243.3 | 1095.8 |
| 37.5°  | 1877.3 | 1868.9 | 1814.5 | 1700.8 | 1574.5 | 1482.7 | 1455.8 | 1444.5 | 1387.4 | 1381.0 | 1215.1 |
| 40°    | 2015.0 | 2008.7 | 1942.3 | 1819.4 | 1675.4 | 1583.6 | 1556.8 | 1575.9 | 1530.0 | 1520.1 | 1335.1 |
| 42.5°  | 2114.6 | 2106.1 | 2044.7 | 1914.1 | 1763.0 | 1666.2 | 1665.5 | 1709.3 | 1676.1 | 1665.5 | 1459.4 |
| 45°    | 2173.9 | 2165.4 | 2114.6 | 1988.9 | 1831.4 | 1738.2 | 1754.5 | 1831.4 | 1821.6 | 1808.9 | 1573.0 |
| 47.5°  | 2179.5 | 2174.6 | 2137.9 | 2021.4 | 1873.1 | 1794.7 | 1841.3 | 1951.5 | 1962.1 | 1950.1 | 1694.5 |
| 50°    | 2128.0 | 2132.9 | 2109.6 | 2017.1 | 1887.9 | 1831.4 | 1911.9 | 2065.1 | 2104.0 | 2089.9 | 1815.2 |
| 52.5°  | 2030.5 | 2024.9 | 2034.8 | 1969.1 | 1872.4 | 1844.2 | 1959.9 | 2160.5 | 2231.8 | 2217.6 | 1926.8 |
| 55°    | 1868.2 | 1872.4 | 1907.0 | 1882.3 | 1823.7 | 1829.3 | 1988.9 | 2236.0 | 2347.6 | 2336.3 | 2027.7 |
| 57.5°  | 1697.3 | 1687.4 | 1749.5 | 1753.8 | 1737.5 | 1789.8 | 1992.4 | 2293.2 | 2449.9 | 2437.9 | 2114.6 |
| 60°    | 1473.5 | 1497.5 | 1553.3 | 1601.3 | 1629.5 | 1724.1 | 1969.1 | 2322.8 | 2524.8 | 2521.2 | 2184.5 |
| 62.5°  | 1280.0 | 1285.0 | 1360.5 | 1433.2 | 1501.0 | 1631.6 | 1917.6 | 2322.1 | 2573.5 | 2569.2 | 2226.1 |
| 64°    | 1157.2 | 1173.4 | 1244.7 | 1333.0 | 1414.2 | 1565.3 | 1875.2 | 2302.4 | 2581.3 | 2577.7 | 2233.2 |
| 65°    | 1090.1 | 1088.0 | 1173.4 | 1262.4 | 1349.9 | 1515.1 | 1832.2 | 2281.2 | 2574.2 | 2574.2 | 2230.4 |
| 67.5°  | 905.8  | 912.9  | 987.7  | 1090.1 | 1198.1 | 1382.4 | 1722.0 | 2205.6 | 2527.6 | 2532.5 | 2189.4 |
| 70°    | 747.0  | 757.6  | 839.5  | 930.5  | 1049.9 | 1249.0 | 1585.7 | 2069.4 | 2418.2 | 2425.2 | 2101.2 |
| 72.5°  | 616.4  | 628.4  | 688.4  | 780.2  | 912.2  | 1108.5 | 1431.8 | 1898.5 | 2263.5 | 2266.4 | 1953.6 |
| 75°    | 501.3  | 514.7  | 575.4  | 655.2  | 769.6  | 957.4  | 1263.8 | 1712.8 | 2038.3 | 2052.4 | 1763.0 |
| 77.5°  | 408.1  | 422.2  | 478.0  | 550.0  | 658.7  | 819.0  | 1097.2 | 1498.2 | 1799.0 | 1807.4 | 1544.8 |
| 80°    | 329.7  | 344.5  | 394.0  | 461.7  | 556.4  | 697.6  | 941.1  | 1278.6 | 1540.6 | 1540.6 | 1320.3 |
| 82.5°  | 267.6  | 280.3  | 324.8  | 383.4  | 469.5  | 588.8  | 790.8  | 1062.6 | 1273.7 | 1274.4 | 1090.8 |
| 85°    | 216.0  | 223.8  | 267.6  | 319.1  | 390.4  | 493.5  | 653.8  | 864.9  | 1027.3 | 1012.4 | 879.0  |
| 87.5°  | 173.7  | 180.7  | 217.5  | 267.6  | 324.1  | 411.6  | 536.6  | 703.9  | 807.7  | 812.6  | 701.8  |
| 90°    | 139.8  | 144.0  | 177.9  | 220.3  | 272.5  | 340.3  | 436.3  | 559.9  | 635.4  | 629.1  | 550.0  |
| 92.5°  | 113.7  | 118.6  | 147.6  | 185.7  | 229.5  | 285.9  | 359.4  | 443.4  | 492.1  | 493.5  | 430.0  |
| 95°    | 93.2   | 96.0   | 122.8  | 156.7  | 196.3  | 239.3  | 293.0  | 353.0  | 386.2  | 382.0  | 334.7  |
| 97.5°  | 77.7   | 79.1   | 103.8  | 134.1  | 166.6  | 201.9  | 244.3  | 281.0  | 299.4  | 296.5  | 261.9  |
| 100°   | 65.7   | 67.1   | 88.3   | 116.5  | 144.0  | 172.3  | 201.9  | 226.6  | 233.0  | 229.5  | 206.2  |
| 102.5° | 57.2   | 57.9   | 75.5   | 101.0  | 124.3  | 147.6  | 168.0  | 183.6  | 182.9  | 182.9  | 163.1  |
| 105°   | 50.1   | 50.8   | 65.7   | 88.3   | 109.4  | 127.8  | 141.9  | 149.7  | 146.9  | 145.4  | 130.6  |
| 107.5° | 45.2   | 45.9   | 57.9   | 77.7   | 96.7   | 110.8  | 121.4  | 123.6  | 117.9  | 116.5  | 105.9  |



REPORT NUMBER: P415506

CATALOG NUMBER: LXF.LXT-PA1-50-740-U-T2R-FL

**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°   | 65°   | 75°  | 76°  | 85°  |
|--------|------|------|------|------|------|------|-------|-------|------|------|------|
| 110°   | 40.9 | 40.9 | 50.8 | 68.5 | 85.4 | 96.7 | 103.8 | 103.8 | 95.3 | 94.6 | 87.5 |
| 112.5° | 37.4 | 38.1 | 45.9 | 60.7 | 75.5 | 85.4 | 89.7  | 86.1  | 78.4 | 77.7 | 74.1 |
| 115°   | 34.6 | 35.3 | 40.9 | 54.4 | 67.1 | 75.5 | 77.7  | 72.7  | 65.0 | 64.2 | 61.4 |
| 117.5° | 32.5 | 33.2 | 37.4 | 48.0 | 60.0 | 66.4 | 67.1  | 62.1  | 54.4 | 53.7 | 53.0 |
| 120°   | 31.1 | 31.1 | 34.6 | 43.1 | 53.0 | 58.6 | 57.9  | 53.0  | 46.6 | 45.9 | 45.9 |
| 122.5° | 29.7 | 29.7 | 31.8 | 38.1 | 46.6 | 51.5 | 50.8  | 45.2  | 39.5 | 39.5 | 39.5 |
| 125°   | 28.2 | 28.2 | 29.7 | 34.6 | 41.7 | 45.2 | 43.8  | 38.8  | 33.9 | 33.9 | 35.3 |
| 127.5° | 26.8 | 26.8 | 27.5 | 30.4 | 36.7 | 38.8 | 37.4  | 32.5  | 29.7 | 29.7 | 30.4 |
| 130°   | 25.4 | 25.4 | 25.4 | 27.5 | 31.8 | 33.2 | 31.8  | 27.5  | 25.4 | 25.4 | 26.8 |
| 132.5° | 24.0 | 24.0 | 24.0 | 24.0 | 26.8 | 28.2 | 26.1  | 22.6  | 21.9 | 22.6 | 23.3 |
| 135°   | 22.6 | 22.6 | 21.9 | 21.2 | 22.6 | 23.3 | 21.2  | 19.1  | 19.1 | 19.1 | 20.5 |
| 137.5° | 21.2 | 20.5 | 19.8 | 19.1 | 18.4 | 18.4 | 16.9  | 14.8  | 16.2 | 16.2 | 17.7 |
| 140°   | 19.1 | 18.4 | 17.7 | 16.2 | 14.8 | 14.1 | 12.7  | 12.0  | 13.4 | 13.4 | 14.1 |
| 142.5° | 16.9 | 16.2 | 15.5 | 13.4 | 11.3 | 9.9  | 8.5   | 9.2   | 10.6 | 10.6 | 11.3 |
| 145°   | 14.1 | 14.1 | 12.7 | 10.6 | 8.5  | 7.1  | 5.6   | 6.4   | 7.8  | 7.8  | 8.5  |
| 147.5° | 12.0 | 11.3 | 10.6 | 8.5  | 5.6  | 4.2  | 2.8   | 4.2   | 5.6  | 5.6  | 6.4  |
| 150°   | 9.2  | 8.5  | 7.8  | 5.6  | 3.5  | 1.4  | 1.4   | 2.8   | 3.5  | 3.5  | 4.2  |
| 152.5° | 6.4  | 6.4  | 5.6  | 3.5  | 1.4  | 0.0  | 0.7   | 1.4   | 2.1  | 2.1  | 2.8  |
| 155°   | 4.2  | 3.5  | 2.8  | 2.1  | 0.7  | 0.0  | 0.0   | 0.7   | 1.4  | 1.4  | 1.4  |
| 157.5° | 2.1  | 2.1  | 1.4  | 1.4  | 0.0  | 0.0  | 0.0   | 0.0   | 0.7  | 0.7  | 0.7  |
| 160°   | 0.7  | 0.7  | 0.7  | 0.7  | 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: P415506

CATALOG NUMBER: LXF.LXT-PA1-50-740-U-T2R-FL

**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 268.3  | 268.3  | 268.3 | 268.3 | 268.3 | 268.3 | 268.3 | 268.3 | 268.3 | 268.3 | 268.3 |
| 2.5°   | 269.7  | 266.9  | 260.5 | 254.9 | 249.2 | 244.3 | 241.5 | 237.9 | 237.2 | 236.5 | 236.5 |
| 5°     | 279.6  | 273.2  | 260.5 | 248.5 | 237.2 | 228.0 | 221.0 | 213.9 | 210.4 | 209.0 | 208.3 |
| 7.5°   | 296.5  | 286.6  | 266.2 | 247.8 | 230.9 | 216.8 | 205.5 | 197.0 | 192.0 | 189.2 | 188.5 |
| 10°    | 319.8  | 305.7  | 277.5 | 252.1 | 229.5 | 211.1 | 197.0 | 187.1 | 180.7 | 177.9 | 177.2 |
| 12.5°  | 356.5  | 334.0  | 298.7 | 262.6 | 233.0 | 210.4 | 194.2 | 183.6 | 180.7 | 177.9 | 177.9 |
| 15°    | 398.2  | 375.6  | 326.9 | 282.4 | 244.3 | 214.6 | 200.5 | 193.5 | 189.2 | 187.1 | 186.4 |
| 17.5°  | 451.9  | 417.3  | 358.7 | 303.6 | 258.4 | 230.2 | 211.8 | 204.0 | 199.8 | 197.7 | 197.0 |
| 20°    | 506.9  | 466.0  | 394.0 | 326.9 | 277.5 | 248.5 | 226.6 | 214.6 | 210.4 | 208.3 | 207.6 |
| 22.5°  | 572.6  | 523.2  | 430.7 | 351.6 | 299.4 | 265.5 | 240.8 | 226.6 | 221.7 | 219.6 | 220.3 |
| 25°    | 639.7  | 586.7  | 470.2 | 377.7 | 319.8 | 279.6 | 254.2 | 237.9 | 234.4 | 231.6 | 231.6 |
| 27.5°  | 721.6  | 651.0  | 510.5 | 407.4 | 337.5 | 292.3 | 266.2 | 249.9 | 243.6 | 243.6 | 242.9 |
| 30°    | 807.7  | 719.4  | 554.2 | 432.8 | 353.0 | 303.6 | 275.4 | 260.5 | 254.2 | 253.5 | 253.5 |
| 32.5°  | 891.7  | 792.9  | 597.3 | 458.2 | 365.0 | 311.4 | 283.8 | 269.7 | 261.9 | 261.2 | 261.9 |
| 35°    | 989.9  | 867.7  | 637.5 | 478.7 | 375.6 | 317.7 | 290.2 | 277.5 | 269.0 | 268.3 | 268.3 |
| 37.5°  | 1083.1 | 944.7  | 676.4 | 494.9 | 382.7 | 322.0 | 295.1 | 283.8 | 274.6 | 273.9 | 273.2 |
| 40°    | 1180.5 | 1017.4 | 711.7 | 508.3 | 386.2 | 324.8 | 297.9 | 288.1 | 279.6 | 276.8 | 276.8 |
| 42.5°  | 1279.3 | 1090.8 | 741.3 | 516.1 | 388.3 | 325.5 | 300.1 | 290.9 | 283.1 | 278.2 | 278.2 |
| 45°    | 1371.8 | 1153.7 | 766.0 | 520.3 | 388.3 | 326.2 | 301.5 | 293.0 | 285.9 | 279.6 | 278.9 |
| 47.5°  | 1473.5 | 1217.2 | 785.1 | 521.1 | 386.2 | 324.8 | 302.2 | 295.1 | 287.4 | 280.3 | 279.6 |
| 50°    | 1562.4 | 1277.2 | 797.1 | 518.9 | 383.4 | 324.1 | 302.9 | 295.8 | 289.5 | 281.0 | 281.0 |
| 52.5°  | 1640.8 | 1325.2 | 802.8 | 513.3 | 379.8 | 322.7 | 302.9 | 297.2 | 291.6 | 282.4 | 281.7 |
| 55°    | 1710.0 | 1362.6 | 802.1 | 504.8 | 374.2 | 320.5 | 302.2 | 297.2 | 293.0 | 283.1 | 283.1 |
| 57.5°  | 1769.3 | 1388.8 | 795.7 | 494.9 | 368.5 | 319.1 | 302.2 | 297.9 | 294.4 | 285.2 | 285.2 |
| 60°    | 1809.6 | 1403.6 | 783.0 | 482.9 | 362.9 | 316.3 | 301.5 | 298.7 | 296.5 | 287.4 | 288.1 |
| 62.5°  | 1828.6 | 1401.5 | 763.2 | 470.2 | 356.5 | 313.5 | 300.1 | 297.9 | 297.2 | 290.2 | 290.2 |
| 64°    | 1827.2 | 1391.6 | 749.8 | 461.0 | 352.3 | 312.1 | 299.4 | 297.2 | 297.9 | 291.6 | 291.6 |
| 65°    | 1818.0 | 1377.5 | 735.7 | 454.0 | 348.8 | 310.7 | 297.9 | 296.5 | 297.9 | 291.6 | 291.6 |
| 67.5°  | 1773.6 | 1333.7 | 699.7 | 436.3 | 339.6 | 304.3 | 293.7 | 293.0 | 295.1 | 290.9 | 290.2 |
| 70°    | 1685.3 | 1264.5 | 660.8 | 413.7 | 328.3 | 297.2 | 287.4 | 286.6 | 289.5 | 285.9 | 284.5 |
| 72.5°  | 1565.3 | 1168.5 | 613.5 | 390.4 | 314.9 | 287.4 | 278.9 | 278.2 | 279.6 | 277.5 | 275.4 |
| 75°    | 1414.2 | 1055.5 | 560.6 | 364.3 | 300.1 | 274.6 | 266.9 | 265.5 | 267.6 | 264.8 | 263.3 |
| 77.5°  | 1246.1 | 930.5  | 504.8 | 336.8 | 281.0 | 260.5 | 252.8 | 250.6 | 250.6 | 247.1 | 243.6 |
| 80°    | 1061.2 | 802.8  | 449.0 | 308.5 | 261.2 | 242.9 | 236.5 | 233.7 | 231.6 | 225.9 | 222.4 |
| 82.5°  | 886.1  | 682.7  | 391.8 | 279.6 | 240.1 | 223.8 | 217.5 | 213.9 | 209.0 | 201.9 | 197.0 |
| 85°    | 720.9  | 568.4  | 339.6 | 248.5 | 218.9 | 203.3 | 198.4 | 192.0 | 185.7 | 177.9 | 171.6 |
| 87.5°  | 578.9  | 465.3  | 293.0 | 221.0 | 194.9 | 182.9 | 177.2 | 168.7 | 162.4 | 153.9 | 148.3 |
| 90°    | 459.6  | 381.3  | 250.6 | 194.2 | 173.7 | 163.1 | 158.2 | 149.7 | 140.5 | 131.3 | 126.4 |
| 92.5°  | 370.7  | 310.7  | 216.0 | 171.6 | 155.3 | 146.1 | 139.8 | 131.3 | 120.7 | 111.6 | 108.0 |
| 95°    | 294.4  | 251.3  | 184.3 | 151.8 | 137.7 | 129.2 | 122.8 | 115.1 | 103.8 | 93.2  | 90.4  |
| 97.5°  | 233.0  | 206.9  | 157.4 | 133.4 | 122.1 | 115.1 | 108.0 | 101.0 | 89.7  | 79.1  | 77.7  |
| 100°   | 187.1  | 168.0  | 134.9 | 117.9 | 108.0 | 101.7 | 96.0  | 88.3  | 77.7  | 66.4  | 66.4  |
| 102.5° | 151.1  | 139.1  | 115.8 | 103.8 | 96.0  | 90.4  | 84.7  | 77.7  | 67.1  | 57.2  | 56.5  |
| 105°   | 123.6  | 115.1  | 99.6  | 91.8  | 85.4  | 81.2  | 75.5  | 67.8  | 57.9  | 48.7  | 48.0  |
| 107.5° | 103.1  | 95.3   | 86.1  | 81.2  | 76.3  | 72.0  | 67.8  | 60.0  | 50.1  | 42.4  | 42.4  |



REPORT NUMBER: P415506

CATALOG NUMBER: LXF.LXT-PA1-50-740-U-T2R-FL

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110°   | 84.7 | 81.9 | 74.8 | 71.3 | 68.5 | 64.2 | 60.0 | 52.2 | 43.1 | 37.4 | 37.4 |
| 112.5° | 72.0 | 69.2 | 65.7 | 63.5 | 60.7 | 57.9 | 53.0 | 45.9 | 37.4 | 33.2 | 33.2 |
| 115°   | 60.7 | 59.3 | 57.2 | 55.8 | 54.4 | 51.5 | 46.6 | 39.5 | 31.8 | 28.9 | 29.7 |
| 117.5° | 53.0 | 52.2 | 50.8 | 50.1 | 48.7 | 45.2 | 40.9 | 34.6 | 27.5 | 26.1 | 26.1 |
| 120°   | 45.9 | 45.9 | 44.5 | 44.5 | 43.1 | 40.2 | 35.3 | 29.7 | 24.0 | 23.3 | 23.3 |
| 122.5° | 40.2 | 40.2 | 39.5 | 39.5 | 38.1 | 35.3 | 31.1 | 25.4 | 20.5 | 20.5 | 21.2 |
| 125°   | 35.3 | 35.3 | 34.6 | 34.6 | 33.9 | 31.1 | 26.8 | 21.9 | 18.4 | 18.4 | 18.4 |
| 127.5° | 31.1 | 31.1 | 31.1 | 30.4 | 28.9 | 26.8 | 22.6 | 18.4 | 16.2 | 16.2 | 16.2 |
| 130°   | 27.5 | 27.5 | 26.8 | 26.8 | 25.4 | 22.6 | 19.1 | 15.5 | 13.4 | 14.8 | 14.8 |
| 132.5° | 24.0 | 24.0 | 24.0 | 22.6 | 21.2 | 19.1 | 15.5 | 12.7 | 12.0 | 12.7 | 12.7 |
| 135°   | 20.5 | 21.2 | 20.5 | 19.8 | 18.4 | 15.5 | 12.7 | 10.6 | 10.6 | 11.3 | 11.3 |
| 137.5° | 17.7 | 17.7 | 17.7 | 16.2 | 14.8 | 12.7 | 9.9  | 8.5  | 9.2  | 9.9  | 9.9  |
| 140°   | 14.8 | 14.8 | 14.1 | 13.4 | 12.0 | 9.9  | 7.8  | 6.4  | 7.8  | 8.5  | 8.5  |
| 142.5° | 12.0 | 12.0 | 11.3 | 10.6 | 8.5  | 7.1  | 4.9  | 4.9  | 6.4  | 7.1  | 7.1  |
| 145°   | 9.2  | 9.2  | 8.5  | 7.8  | 6.4  | 4.2  | 3.5  | 4.2  | 5.6  | 5.6  | 5.6  |
| 147.5° | 6.4  | 6.4  | 6.4  | 4.9  | 3.5  | 2.1  | 1.4  | 2.8  | 4.2  | 4.2  | 4.9  |
| 150°   | 4.2  | 4.2  | 4.2  | 3.5  | 2.1  | 0.7  | 0.7  | 2.1  | 2.8  | 3.5  | 3.5  |
| 152.5° | 2.8  | 2.8  | 2.8  | 2.1  | 1.4  | 0.0  | 0.0  | 1.4  | 2.1  | 2.1  | 2.1  |
| 155°   | 1.4  | 1.4  | 1.4  | 1.4  | 0.7  | 0.0  | 0.0  | 0.7  | 1.4  | 1.4  | 1.4  |
| 157.5° | 0.7  | 0.7  | 0.7  | 0.7  | 0.0  | 0.0  | 0.0  | 0.7  | 1.4  | 0.7  | 0.7  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.7  | 0.0  | 0.0  | 0.0  | 0.0  | 0.7  | 0.7  | 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)