

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: P415397

Luminaire Tested: **LXF.LXT-PA1-50-727-U-SL3-TL**

Issue Date: 10/26/2020

Test Information

Test Method: LM-79-08
Report Number: P415397
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2002-662-5)
Test Lab: INNOVATION CENTER
Issue Date: 10/26/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA1-50-727-U-SL3-TL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 2700K, 670mA LIGHT ENGINE WITH 24 LEDS AND TYPE III SPILL
LIGHT ELIMINATOR OPTICS AND TEXTURED LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5022 lumens
Efficiency: N/A
Efficacy: 93.0 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

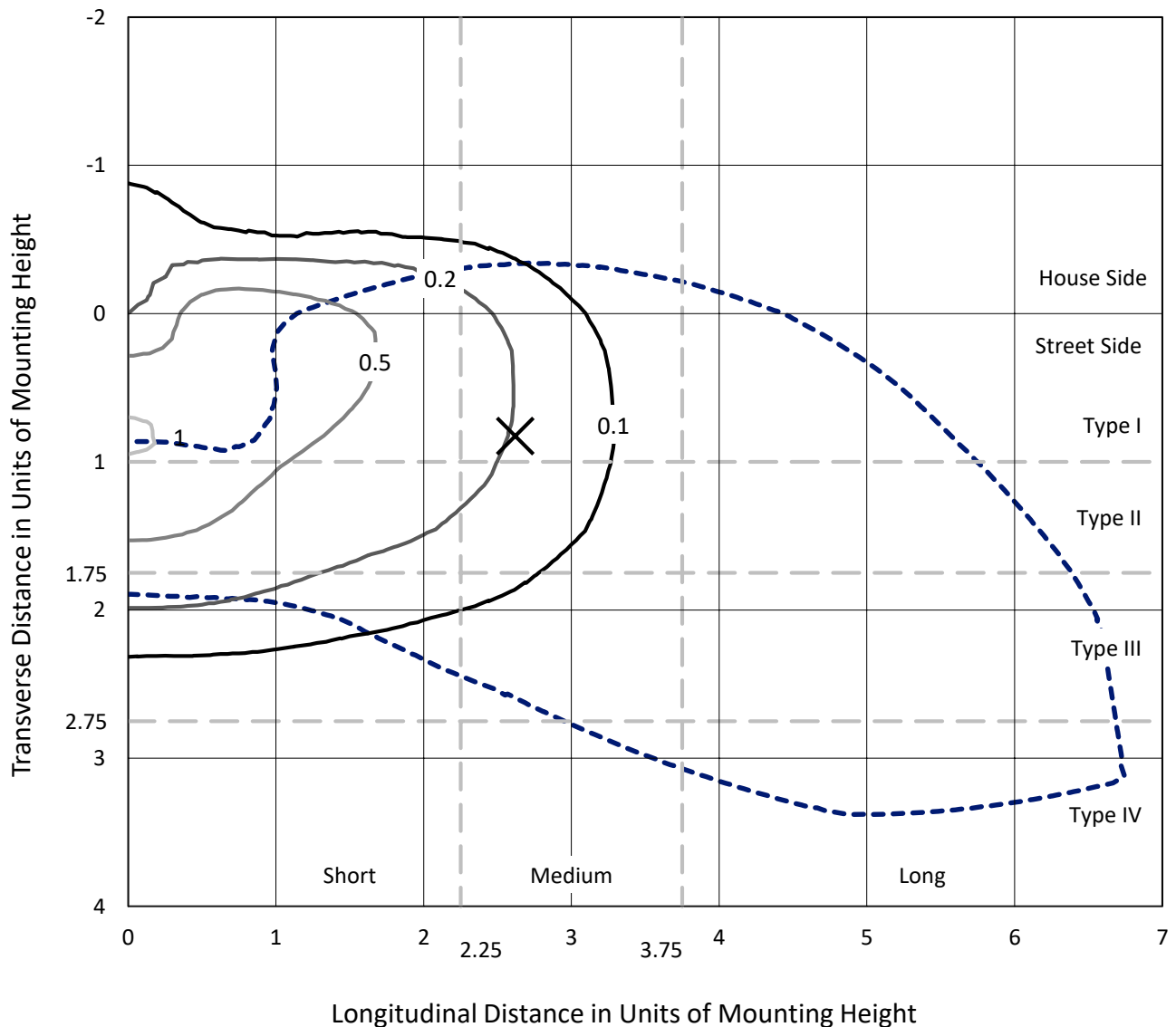
Input Watts (W): 54
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

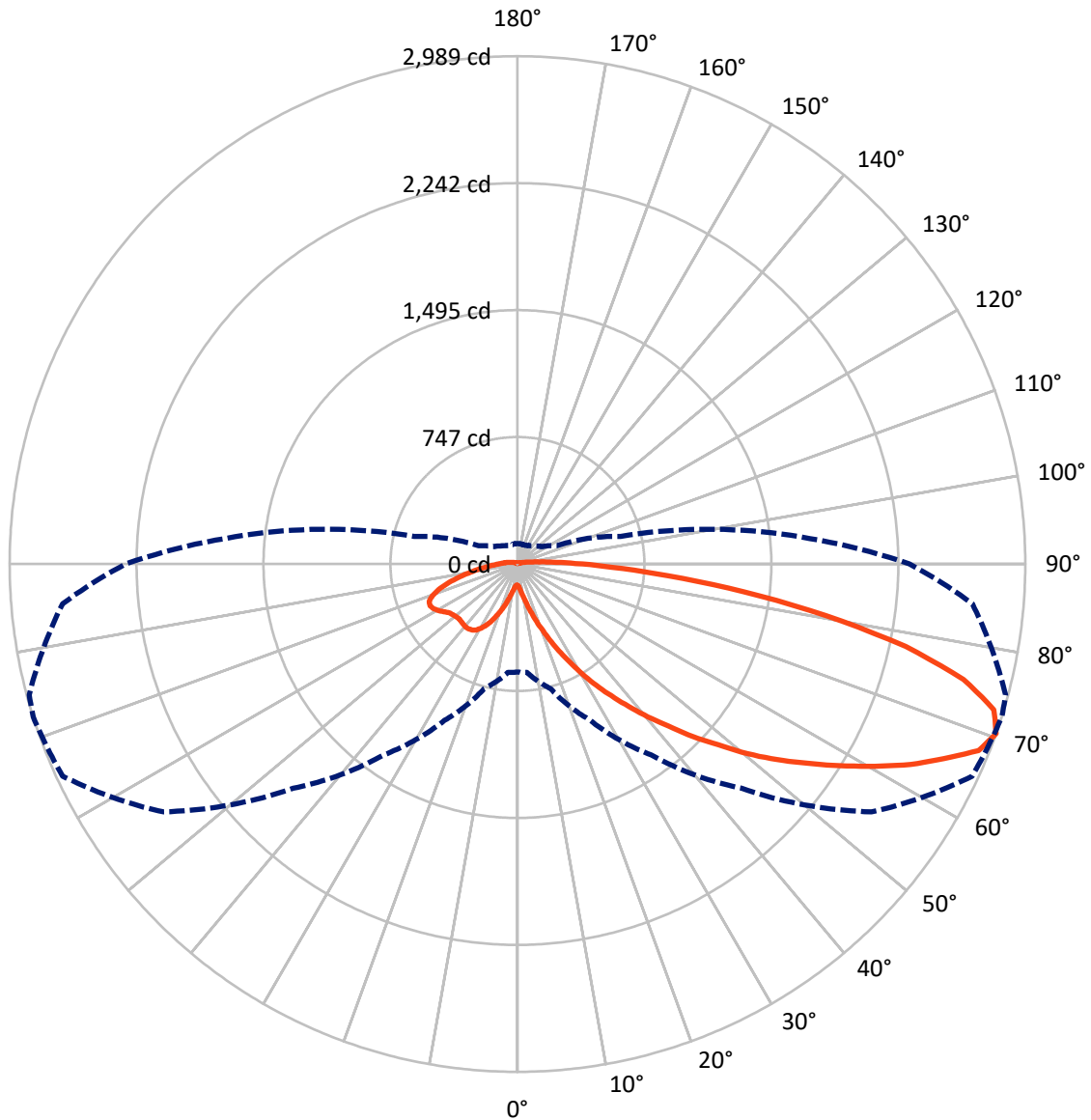
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc
 Type IV - Medium - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 72.5-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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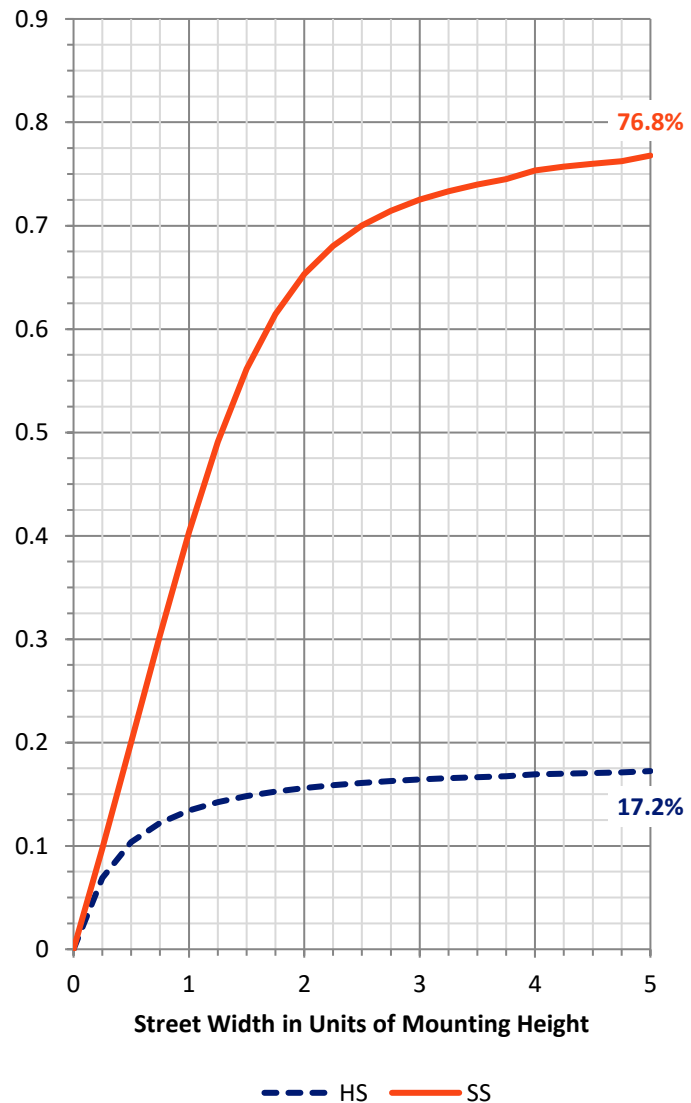
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 902.8 | 81.9 | 984.7 |
| | % Fixture | 18.0 | 1.6 | 19.6 |
| Street Side | Lumens | 3942.7 | 94.6 | 4037.3 |
| | % Fixture | 78.5 | 1.9 | 80.4 |
| Total | Lumens | 4845.5 | 176.5 | 5022.0 |
| | % Fixture | 96.5 | 3.5 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 14.1 | 0.3 |
| 10°-20° | 68.0 | 1.4 |
| 20°-30° | 189.7 | 3.8 |
| 30°-40° | 393.3 | 7.8 |
| 40°-50° | 679.4 | 13.5 |
| 50°-60° | 1003.3 | 20.0 |
| 60°-70° | 1184.2 | 23.6 |
| 70°-80° | 939.8 | 18.7 |
| 80°-90° | 373.6 | 7.4 |
| 90°-100° | 98.8 | 2.0 |
| 100°-110° | 38.1 | 0.8 |
| 110°-120° | 18.6 | 0.4 |
| 120°-130° | 10.5 | 0.2 |
| 130°-140° | 6.2 | 0.1 |
| 140°-150° | 2.9 | 0.1 |
| 150°-160° | 1.0 | 0.0 |
| 160°-170° | 0.3 | 0.0 |
| 170°-180° | 0.1 | 0.0 |
| 0°-90° | 4845.5 | 96.5 |
| 0°-180° | 5022.0 | 100.0 |



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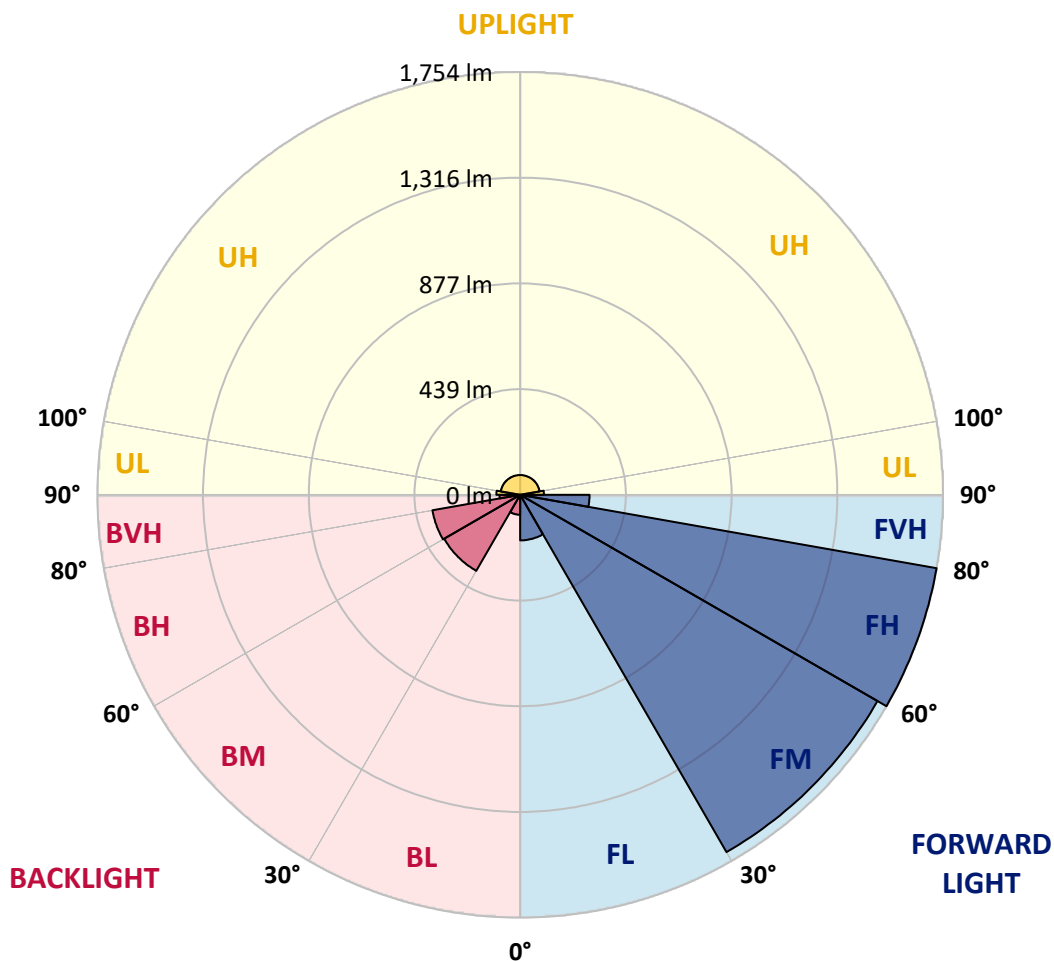
CATALOG NUMBER: LXF.LXT-PA1-50-727-U-SL3-TL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|--------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 189.0 | 3.8 | | | |
| FM | (30°-60°) | 1711.7 | 34.1 | | | |
| FH | (60°-80°) | 1754.3 | 34.9 | | | G1/1800 |
| FVH | (80°-90°) | 287.7 | 5.7 | | | G3/500 |
| BL | (0°-30°) | 82.8 | 1.6 | B0/110 | | |
| BM | (30°-60°) | 364.3 | 7.3 | B1/1000 | | |
| BH | (60°-80°) | 369.8 | 7.4 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 85.9 | 1.7 | | | G1/100 |
| UL | (90°-100°) | 98.8 | 2.0 | | U3/500 | |
| UH | (100°-180°) | 81.9 | 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° | 72.5° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 |
| 2.5° | 141.1 | 141.7 | 141.1 | 141.1 | 139.9 | 139.4 | 135.8 | 133.5 | 131.7 | 130.5 | 128.7 |
| 5° | 163.6 | 164.7 | 164.2 | 164.2 | 161.2 | 159.4 | 155.3 | 150.6 | 147.0 | 146.4 | 141.1 |
| 7.5° | 193.7 | 193.1 | 190.7 | 190.1 | 189.0 | 186.0 | 180.1 | 173.0 | 169.5 | 168.3 | 160.6 |
| 10° | 230.9 | 227.9 | 229.1 | 225.0 | 222.6 | 217.9 | 212.6 | 207.3 | 200.2 | 200.2 | 189.5 |
| 12.5° | 268.1 | 274.6 | 272.8 | 266.9 | 262.2 | 254.5 | 248.0 | 246.2 | 238.0 | 239.1 | 229.1 |
| 15° | 328.9 | 328.3 | 323.0 | 318.9 | 309.4 | 300.0 | 294.1 | 289.9 | 287.6 | 285.8 | 274.6 |
| 17.5° | 393.3 | 389.7 | 385.6 | 373.2 | 359.6 | 351.3 | 346.0 | 341.9 | 344.8 | 344.3 | 330.7 |
| 20° | 467.7 | 463.5 | 457.6 | 435.2 | 417.5 | 404.5 | 401.5 | 406.3 | 408.0 | 412.8 | 399.2 |
| 22.5° | 550.3 | 548.6 | 534.4 | 509.0 | 478.9 | 461.8 | 458.8 | 470.0 | 483.6 | 486.0 | 476.5 |
| 25° | 649.5 | 647.2 | 627.7 | 591.1 | 551.5 | 525.5 | 525.5 | 543.3 | 565.7 | 571.0 | 566.3 |
| 27.5° | 755.8 | 749.9 | 724.5 | 679.7 | 625.3 | 591.7 | 587.5 | 619.4 | 650.7 | 666.1 | 660.2 |
| 30° | 878.1 | 876.9 | 835.0 | 780.0 | 715.1 | 661.3 | 659.6 | 706.2 | 750.5 | 757.6 | 758.8 |
| 32.5° | 1003.8 | 1013.9 | 965.5 | 883.4 | 804.8 | 741.7 | 738.7 | 791.3 | 852.7 | 865.1 | 865.1 |
| 35° | 1149.1 | 1149.7 | 1090.0 | 1008.6 | 901.1 | 829.0 | 820.8 | 883.4 | 951.9 | 969.0 | 978.4 |
| 37.5° | 1295.5 | 1292.0 | 1238.3 | 1126.1 | 1005.6 | 918.8 | 911.1 | 984.9 | 1062.9 | 1090.6 | 1088.9 |
| 40° | 1439.6 | 1449.7 | 1381.7 | 1257.7 | 1112.5 | 1024.5 | 1005.6 | 1092.4 | 1182.2 | 1213.5 | 1201.1 |
| 42.5° | 1594.9 | 1592.6 | 1531.7 | 1393.6 | 1231.8 | 1126.7 | 1115.4 | 1205.2 | 1305.0 | 1340.4 | 1329.2 |
| 45° | 1730.7 | 1729.5 | 1663.4 | 1525.2 | 1345.7 | 1244.8 | 1229.4 | 1324.5 | 1449.7 | 1482.7 | 1459.7 |
| 47.5° | 1855.9 | 1853.0 | 1784.5 | 1643.9 | 1445.5 | 1357.5 | 1358.7 | 1456.1 | 1589.0 | 1643.3 | 1607.9 |
| 50° | 1952.7 | 1942.7 | 1899.6 | 1747.8 | 1553.6 | 1476.2 | 1498.7 | 1613.2 | 1754.9 | 1803.9 | 1765.6 |
| 52.5° | 2004.7 | 1989.4 | 1955.7 | 1820.5 | 1655.7 | 1593.7 | 1636.8 | 1772.7 | 1912.6 | 1959.2 | 1917.3 |
| 55° | 1979.9 | 1979.9 | 1961.0 | 1864.8 | 1728.4 | 1701.2 | 1788.0 | 1925.0 | 2070.8 | 2122.2 | 2085.0 |
| 57.5° | 1880.1 | 1895.5 | 1904.3 | 1853.0 | 1778.6 | 1807.5 | 1945.1 | 2098.6 | 2238.5 | 2295.2 | 2246.2 |
| 60° | 1705.3 | 1709.5 | 1774.4 | 1789.2 | 1798.6 | 1897.8 | 2108.0 | 2291.1 | 2416.9 | 2461.8 | 2406.2 |
| 62.5° | 1457.9 | 1477.4 | 1556.5 | 1665.8 | 1769.1 | 1972.8 | 2279.3 | 2484.8 | 2598.2 | 2628.3 | 2547.4 |
| 65° | 1182.8 | 1178.0 | 1324.5 | 1488.0 | 1687.6 | 1994.7 | 2417.5 | 2672.6 | 2760.5 | 2800.7 | 2660.2 |
| 67.5° | 897.0 | 894.0 | 1029.2 | 1269.0 | 1549.4 | 1971.6 | 2529.7 | 2832.0 | 2928.8 | 2930.0 | 2731.0 |
| 70° | 636.0 | 640.7 | 760.6 | 1015.1 | 1371.1 | 1866.5 | 2543.2 | 2953.6 | 2989.1 | 2974.9 | 2687.9 |
| 72.5° | 431.6 | 435.2 | 549.2 | 777.7 | 1134.9 | 1696.5 | 2429.9 | 2940.6 | 2932.4 | 2892.8 | 2510.8 |
| 75° | 278.1 | 301.7 | 386.2 | 591.1 | 918.8 | 1451.4 | 2209.6 | 2754.6 | 2711.5 | 2646.0 | 2203.1 |
| 77.5° | 191.9 | 203.7 | 268.7 | 430.5 | 718.0 | 1198.7 | 1897.2 | 2380.9 | 2336.0 | 2255.7 | 1776.2 |
| 80° | 129.9 | 135.2 | 184.8 | 321.8 | 565.1 | 942.4 | 1545.9 | 1916.7 | 1839.4 | 1756.7 | 1332.1 |
| 82.5° | 86.8 | 96.8 | 132.9 | 230.9 | 427.5 | 727.5 | 1175.7 | 1463.8 | 1341.0 | 1269.6 | 935.9 |
| 85° | 57.9 | 63.2 | 94.5 | 167.7 | 309.4 | 529.7 | 846.2 | 994.4 | 886.3 | 823.1 | 598.2 |
| 87.5° | 39.0 | 43.7 | 67.3 | 119.9 | 229.1 | 385.0 | 566.9 | 642.5 | 555.7 | 516.1 | 362.0 |
| 90° | 26.0 | 28.9 | 49.6 | 86.2 | 161.8 | 268.7 | 382.6 | 396.8 | 340.7 | 316.5 | 221.4 |
| 92.5° | 18.3 | 21.3 | 37.2 | 63.8 | 113.4 | 186.6 | 245.6 | 240.3 | 200.8 | 189.0 | 142.9 |
| 95° | 14.2 | 16.5 | 28.9 | 49.0 | 82.7 | 128.1 | 160.0 | 146.4 | 127.0 | 122.8 | 98.6 |
| 97.5° | 12.4 | 13.6 | 24.2 | 39.6 | 62.6 | 90.9 | 103.9 | 99.2 | 85.6 | 83.3 | 72.0 |
| 100° | 11.2 | 12.4 | 21.3 | 34.2 | 50.2 | 66.7 | 74.4 | 69.1 | 62.0 | 60.2 | 53.1 |
| 102.5° | 10.6 | 11.2 | 18.9 | 29.5 | 41.3 | 52.6 | 57.3 | 51.4 | 46.1 | 45.5 | 40.7 |
| 105° | 10.0 | 10.6 | 16.5 | 25.4 | 34.8 | 43.1 | 44.9 | 40.2 | 36.0 | 34.2 | 30.7 |
| 107.5° | 9.4 | 9.4 | 14.8 | 22.4 | 30.1 | 36.0 | 37.2 | 32.5 | 27.8 | 26.6 | 24.2 |
| 110° | 8.9 | 9.4 | 13.6 | 20.1 | 26.6 | 31.3 | 31.3 | 26.6 | 21.8 | 20.7 | 19.5 |



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CATALOG NUMBER: LXF.LXT-PA1-50-727-U-SL3-TL

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 72.5° | 75° | 85° |
|--------|-----|-----|------|------|------|------|------|------|-------|------|------|
| 112.5° | 8.9 | 8.9 | 12.4 | 17.7 | 23.6 | 27.2 | 26.6 | 21.8 | 17.7 | 15.9 | 15.9 |
| 115° | 8.3 | 8.9 | 11.8 | 16.5 | 21.3 | 23.6 | 22.4 | 18.3 | 14.2 | 13.0 | 13.6 |
| 117.5° | 8.3 | 8.9 | 10.6 | 14.8 | 18.9 | 20.7 | 19.5 | 15.4 | 11.8 | 11.2 | 12.4 |
| 120° | 8.3 | 8.9 | 10.6 | 13.6 | 16.5 | 18.3 | 17.1 | 13.0 | 10.6 | 10.0 | 11.2 |
| 122.5° | 8.9 | 8.9 | 10.0 | 12.4 | 15.4 | 16.5 | 14.8 | 11.2 | 9.4 | 8.9 | 10.0 |
| 125° | 8.9 | 8.9 | 10.0 | 11.8 | 14.2 | 14.8 | 13.0 | 10.0 | 8.3 | 8.3 | 9.4 |
| 127.5° | 8.9 | 8.9 | 10.0 | 11.2 | 13.0 | 13.0 | 11.8 | 8.9 | 7.7 | 7.7 | 8.9 |
| 130° | 8.9 | 8.9 | 9.4 | 10.6 | 11.8 | 11.8 | 10.0 | 7.7 | 7.1 | 7.1 | 8.3 |
| 132.5° | 9.4 | 9.4 | 9.4 | 10.0 | 10.6 | 10.6 | 8.9 | 7.1 | 6.5 | 6.5 | 8.3 |
| 135° | 8.9 | 8.9 | 8.9 | 9.4 | 9.4 | 9.4 | 7.7 | 6.5 | 5.9 | 6.5 | 7.7 |
| 137.5° | 8.3 | 8.3 | 8.9 | 8.9 | 8.9 | 8.3 | 6.5 | 5.3 | 5.3 | 5.9 | 7.1 |
| 140° | 8.3 | 7.7 | 8.3 | 8.3 | 7.7 | 7.1 | 5.9 | 4.7 | 4.7 | 5.3 | 5.9 |
| 142.5° | 7.1 | 7.1 | 7.1 | 7.1 | 6.5 | 5.9 | 4.7 | 4.1 | 4.7 | 4.7 | 5.3 |
| 145° | 6.5 | 6.5 | 6.5 | 5.9 | 5.9 | 4.7 | 3.5 | 3.5 | 3.5 | 4.1 | 4.7 |
| 147.5° | 5.3 | 5.3 | 5.3 | 5.3 | 4.7 | 4.1 | 2.4 | 3.0 | 3.0 | 3.0 | 3.5 |
| 150° | 4.1 | 4.1 | 4.7 | 4.1 | 3.5 | 3.0 | 1.8 | 2.4 | 3.0 | 3.0 | 3.0 |
| 152.5° | 3.5 | 3.5 | 3.5 | 3.5 | 3.0 | 1.8 | 1.8 | 2.4 | 2.4 | 2.4 | 3.0 |
| 155° | 2.4 | 2.4 | 2.4 | 2.4 | 1.8 | 1.2 | 1.8 | 1.8 | 2.4 | 2.4 | 2.4 |
| 157.5° | 1.2 | 1.2 | 1.8 | 1.8 | 1.2 | 1.2 | 1.2 | 1.8 | 1.8 | 1.8 | 1.8 |
| 160° | 0.0 | 0.6 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.8 |
| 162.5° | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.8 |
| 165° | 0.0 | 0.6 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.8 |
| 167.5° | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.8 |
| 170° | 0.0 | 0.6 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.8 |
| 172.5° | 0.0 | 0.6 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.8 |
| 175° | 0.0 | 0.6 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.8 |
| 177.5° | 0.0 | 0.6 | 1.2 | 1.2 | 1.8 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.8 |
| 180° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |



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CATALOG NUMBER: LXF.LXT-PA1-50-727-U-SL3-TL

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 |
| 2.5° | 127.5 | 126.4 | 124.0 | 121.6 | 119.9 | 118.1 | 116.9 | 115.1 | 114.0 | 114.0 | 114.0 |
| 5° | 137.6 | 136.4 | 130.5 | 124.6 | 119.3 | 114.6 | 111.0 | 106.9 | 105.1 | 103.3 | 103.9 |
| 7.5° | 157.7 | 153.5 | 144.1 | 134.0 | 125.2 | 115.7 | 108.7 | 102.7 | 99.2 | 96.8 | 96.8 |
| 10° | 184.8 | 178.3 | 164.2 | 148.8 | 134.0 | 120.5 | 109.8 | 101.6 | 95.7 | 93.3 | 93.3 |
| 12.5° | 219.7 | 213.2 | 191.3 | 168.3 | 145.9 | 126.4 | 112.8 | 102.2 | 95.7 | 92.7 | 92.7 |
| 15° | 266.3 | 255.1 | 225.6 | 192.5 | 160.0 | 133.5 | 115.7 | 106.9 | 102.7 | 101.0 | 101.0 |
| 17.5° | 321.8 | 305.3 | 266.9 | 217.3 | 174.2 | 140.5 | 123.4 | 115.1 | 111.6 | 111.0 | 111.0 |
| 20° | 386.8 | 366.1 | 308.2 | 242.1 | 185.4 | 149.4 | 129.9 | 122.8 | 121.6 | 122.2 | 122.2 |
| 22.5° | 460.6 | 430.5 | 350.8 | 264.5 | 196.0 | 154.7 | 134.6 | 128.7 | 129.9 | 132.9 | 132.3 |
| 25° | 538.5 | 506.6 | 397.4 | 284.6 | 203.1 | 157.1 | 137.6 | 134.0 | 138.8 | 142.3 | 142.3 |
| 27.5° | 629.5 | 579.9 | 439.9 | 298.8 | 204.9 | 155.3 | 138.2 | 136.4 | 142.9 | 148.2 | 149.4 |
| 30° | 722.2 | 658.4 | 476.5 | 307.6 | 201.4 | 151.2 | 135.8 | 137.0 | 144.7 | 151.8 | 152.3 |
| 32.5° | 816.1 | 732.8 | 506.6 | 309.4 | 195.5 | 145.9 | 133.5 | 135.8 | 144.1 | 151.8 | 152.9 |
| 35° | 909.4 | 802.5 | 526.7 | 302.9 | 186.0 | 140.5 | 129.3 | 133.5 | 141.7 | 150.6 | 151.8 |
| 37.5° | 1000.9 | 868.6 | 539.1 | 292.3 | 176.6 | 135.8 | 126.4 | 130.5 | 138.8 | 148.8 | 150.0 |
| 40° | 1100.7 | 939.5 | 546.2 | 279.9 | 167.1 | 131.7 | 124.6 | 128.7 | 137.0 | 146.4 | 148.2 |
| 42.5° | 1192.2 | 1004.4 | 546.8 | 264.5 | 160.0 | 129.9 | 123.4 | 127.0 | 134.6 | 144.7 | 146.4 |
| 45° | 1311.5 | 1071.1 | 546.8 | 251.5 | 155.3 | 129.3 | 123.4 | 126.4 | 133.5 | 144.1 | 146.4 |
| 47.5° | 1424.3 | 1147.9 | 548.0 | 240.3 | 152.9 | 130.5 | 124.6 | 125.8 | 131.7 | 144.1 | 146.4 |
| 50° | 1555.4 | 1221.7 | 557.4 | 232.1 | 152.3 | 132.9 | 126.4 | 125.2 | 129.9 | 142.9 | 145.9 |
| 52.5° | 1685.8 | 1319.2 | 569.2 | 226.2 | 153.5 | 135.2 | 127.5 | 125.2 | 128.1 | 139.9 | 143.5 |
| 55° | 1828.7 | 1411.9 | 582.2 | 226.7 | 155.9 | 137.6 | 129.3 | 124.6 | 125.8 | 135.2 | 138.8 |
| 57.5° | 1971.6 | 1520.5 | 610.6 | 230.3 | 158.8 | 140.5 | 131.1 | 124.6 | 122.8 | 129.9 | 132.9 |
| 60° | 2096.8 | 1616.2 | 640.1 | 238.0 | 163.0 | 143.5 | 132.3 | 124.0 | 120.5 | 124.6 | 127.0 |
| 62.5° | 2229.1 | 1720.7 | 663.7 | 244.5 | 167.7 | 145.9 | 132.3 | 123.4 | 118.7 | 121.6 | 122.8 |
| 65° | 2315.3 | 1782.7 | 676.1 | 252.7 | 172.4 | 147.6 | 132.9 | 122.2 | 118.1 | 119.9 | 121.1 |
| 67.5° | 2359.6 | 1792.7 | 667.8 | 255.7 | 176.6 | 148.8 | 132.3 | 121.1 | 118.7 | 119.9 | 121.1 |
| 70° | 2307.0 | 1726.0 | 628.3 | 253.9 | 177.7 | 148.8 | 131.1 | 119.9 | 118.7 | 120.5 | 121.1 |
| 72.5° | 2116.9 | 1565.4 | 569.8 | 245.1 | 176.0 | 146.4 | 129.3 | 118.1 | 118.1 | 121.1 | 121.1 |
| 75° | 1822.8 | 1334.5 | 493.1 | 231.5 | 171.2 | 142.9 | 125.8 | 115.1 | 116.3 | 120.5 | 120.5 |
| 77.5° | 1459.7 | 1055.8 | 406.3 | 212.0 | 162.4 | 137.0 | 121.1 | 111.0 | 114.0 | 118.7 | 118.1 |
| 80° | 1086.5 | 786.5 | 327.1 | 190.1 | 150.6 | 128.7 | 114.6 | 106.3 | 110.4 | 114.6 | 113.4 |
| 82.5° | 723.9 | 552.1 | 258.6 | 167.1 | 138.2 | 120.5 | 107.5 | 99.8 | 105.1 | 109.2 | 107.5 |
| 85° | 470.0 | 367.9 | 200.2 | 144.1 | 125.2 | 111.0 | 98.6 | 92.7 | 98.0 | 101.6 | 99.8 |
| 87.5° | 292.9 | 246.8 | 152.3 | 122.8 | 111.6 | 100.4 | 90.9 | 84.4 | 89.8 | 93.3 | 90.9 |
| 90° | 193.7 | 165.3 | 119.9 | 106.3 | 99.2 | 90.3 | 81.5 | 76.8 | 82.1 | 83.3 | 81.5 |
| 92.5° | 127.5 | 116.9 | 97.4 | 90.9 | 87.4 | 80.3 | 73.8 | 69.7 | 73.8 | 74.4 | 73.2 |
| 95° | 91.5 | 88.6 | 80.3 | 79.1 | 77.4 | 71.4 | 66.1 | 62.6 | 65.0 | 65.5 | 63.2 |
| 97.5° | 69.7 | 69.1 | 68.5 | 68.5 | 67.3 | 63.2 | 58.5 | 55.5 | 56.7 | 56.1 | 54.3 |
| 100° | 54.3 | 55.5 | 57.3 | 58.5 | 57.9 | 54.9 | 51.4 | 49.0 | 49.6 | 47.2 | 45.5 |
| 102.5° | 42.5 | 44.9 | 47.8 | 49.6 | 49.6 | 47.2 | 45.5 | 43.1 | 41.3 | 38.4 | 37.8 |
| 105° | 33.7 | 35.4 | 39.6 | 42.5 | 42.5 | 41.3 | 39.6 | 36.6 | 34.8 | 31.3 | 31.3 |
| 107.5° | 26.6 | 28.9 | 33.7 | 36.0 | 36.6 | 35.4 | 34.2 | 31.9 | 28.9 | 25.4 | 25.4 |
| 110° | 21.3 | 23.0 | 28.3 | 30.7 | 31.3 | 30.7 | 29.5 | 26.6 | 23.6 | 21.3 | 21.3 |



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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 17.7 | 19.5 | 23.6 | 26.0 | 27.2 | 26.6 | 25.4 | 22.4 | 19.5 | 17.7 | 17.7 |
| 115° | 15.4 | 17.1 | 20.1 | 22.4 | 23.0 | 23.0 | 21.3 | 19.5 | 15.9 | 15.4 | 15.4 |
| 117.5° | 13.6 | 14.8 | 17.7 | 19.5 | 20.7 | 20.1 | 18.3 | 16.5 | 14.2 | 13.6 | 13.6 |
| 120° | 12.4 | 13.6 | 15.9 | 17.7 | 17.7 | 17.1 | 15.9 | 14.2 | 12.4 | 11.8 | 12.4 |
| 122.5° | 11.2 | 12.4 | 14.2 | 15.4 | 15.4 | 15.4 | 14.2 | 12.4 | 10.6 | 10.6 | 11.2 |
| 125° | 10.6 | 11.2 | 13.0 | 13.6 | 14.2 | 13.6 | 12.4 | 10.6 | 9.4 | 10.0 | 10.0 |
| 127.5° | 10.0 | 10.6 | 11.8 | 12.4 | 12.4 | 11.8 | 10.6 | 9.4 | 8.3 | 8.9 | 9.4 |
| 130° | 9.4 | 10.0 | 10.6 | 11.2 | 11.2 | 10.6 | 9.4 | 8.3 | 7.7 | 8.3 | 8.3 |
| 132.5° | 8.3 | 8.9 | 9.4 | 10.0 | 9.4 | 9.4 | 8.3 | 7.1 | 7.1 | 7.7 | 7.7 |
| 135° | 7.7 | 8.3 | 8.3 | 8.9 | 8.3 | 8.3 | 7.1 | 6.5 | 6.5 | 7.1 | 7.1 |
| 137.5° | 7.1 | 7.7 | 7.7 | 7.7 | 7.1 | 7.1 | 6.5 | 5.9 | 5.9 | 5.9 | 6.5 |
| 140° | 6.5 | 6.5 | 6.5 | 6.5 | 5.9 | 5.9 | 5.3 | 4.7 | 5.3 | 5.3 | 5.3 |
| 142.5° | 5.9 | 5.9 | 5.9 | 5.3 | 5.3 | 4.7 | 4.1 | 4.1 | 4.7 | 4.7 | 4.7 |
| 145° | 4.7 | 4.7 | 4.7 | 4.1 | 4.1 | 3.5 | 3.5 | 3.5 | 4.1 | 4.1 | 4.1 |
| 147.5° | 4.1 | 4.1 | 4.1 | 3.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.5 | 3.5 | 3.5 |
| 150° | 3.5 | 3.5 | 3.5 | 3.0 | 2.4 | 2.4 | 1.8 | 2.4 | 3.0 | 3.0 | 3.0 |
| 152.5° | 3.0 | 3.0 | 3.0 | 3.0 | 2.4 | 1.2 | 1.8 | 2.4 | 2.4 | 2.4 | 2.4 |
| 155° | 2.4 | 2.4 | 3.0 | 2.4 | 1.8 | 0.6 | 1.2 | 1.8 | 1.8 | 1.8 | 1.8 |
| 157.5° | 2.4 | 2.4 | 2.4 | 1.8 | 1.2 | 0.6 | 1.2 | 1.2 | 1.8 | 1.2 | 1.8 |
| 160° | 1.8 | 1.8 | 1.8 | 1.8 | 1.2 | 0.6 | 0.6 | 1.2 | 1.2 | 1.2 | 1.2 |
| 162.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.2 | 0.6 | 0.6 | 1.2 | 0.6 | 0.6 | 0.6 |
| 165° | 1.8 | 1.8 | 1.8 | 1.8 | 1.2 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 167.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.2 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 170° | 1.8 | 1.8 | 1.8 | 1.8 | 1.2 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 172.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.2 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 175° | 1.8 | 1.8 | 1.8 | 1.8 | 1.2 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 177.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.2 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 180° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |

(END OF REPORT)