

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: P416641

Luminaire Tested: **LXF.LXT-PA1-80-727-U-SL3-FL**

Issue Date: 10/26/2020

Test Information

Test Method: LM-79-08
Report Number: P416641
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2002-662-4)
Test Lab: INNOVATION CENTER
Issue Date: 10/26/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA1-80-727-U-SL3-FL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 2700K, 1050mA LIGHT ENGINE WITH 24 LEDS AND TYPE III SPILL
LIGHT ELIMINATOR OPTICS AND FROSTED LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6956 lumens
Efficiency: N/A
Efficacy: 83.8 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

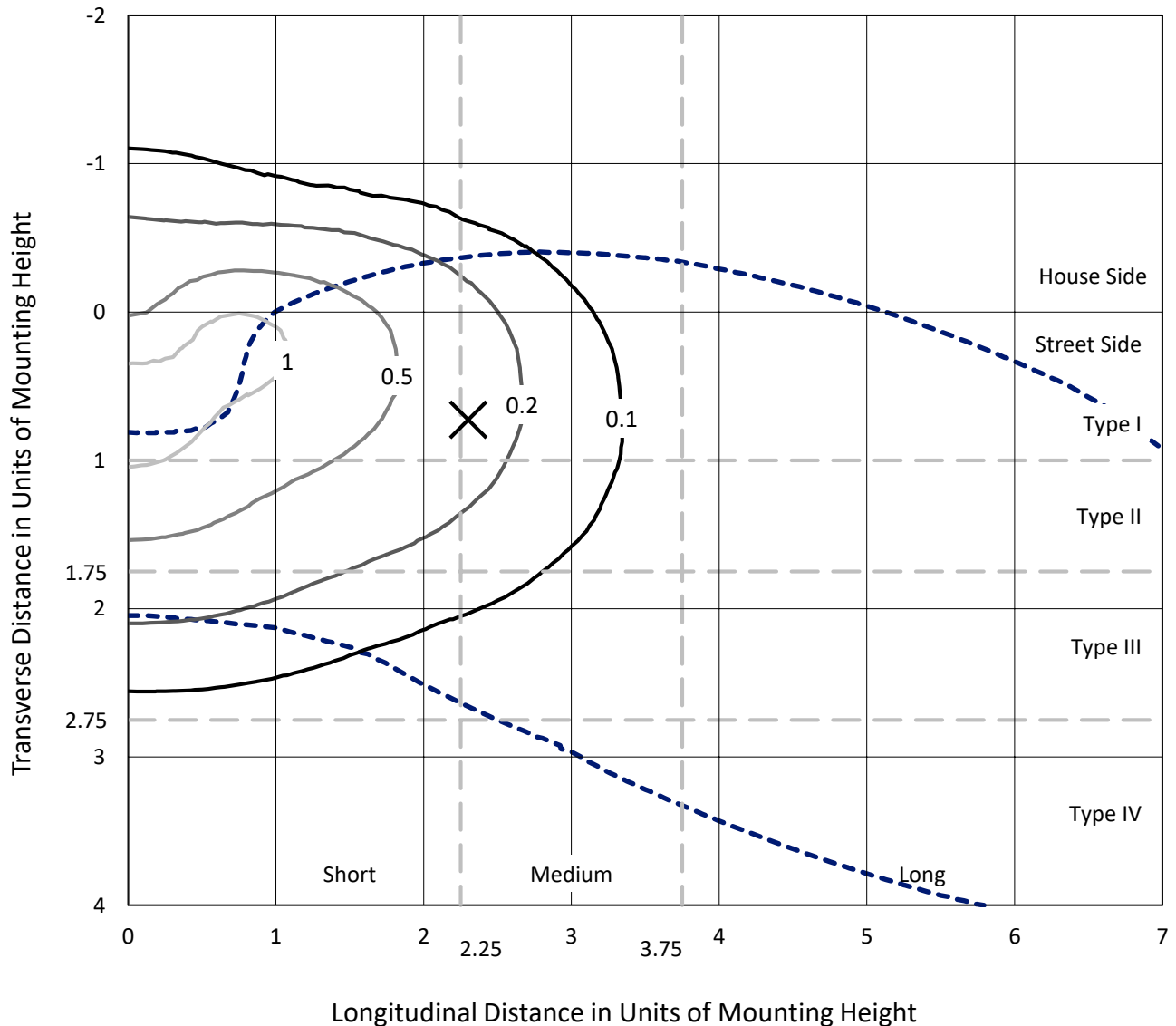
Input Watts (W): 83
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

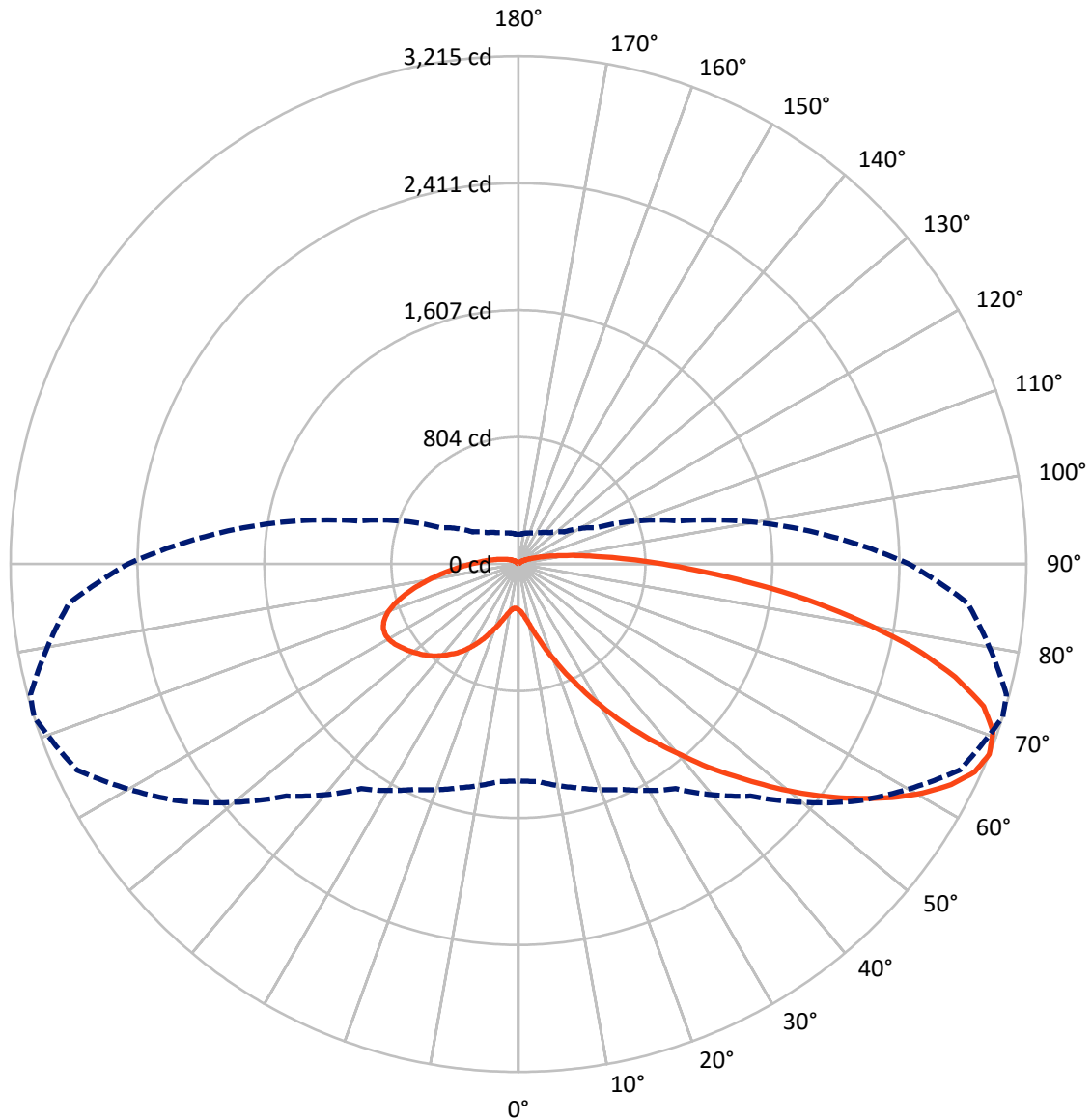
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
 Type IV - Medium - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 72.5-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical



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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1412.5 | 200.9 | 1613.5 |
| | % Fixture | 20.3 | 2.9 | 23.2 |
| Street Side | Lumens | 4953.0 | 389.5 | 5342.5 |
| | % Fixture | 71.2 | 5.6 | 76.8 |
| Total | Lumens | 6365.5 | 590.5 | 6956.0 |
| | % Fixture | 91.5 | 8.5 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 30.0 | 0.4 |
| 10°-20° | 118.7 | 1.7 |
| 20°-30° | 286.6 | 4.1 |
| 30°-40° | 546.3 | 7.9 |
| 40°-50° | 879.2 | 12.6 |
| 50°-60° | 1216.5 | 17.5 |
| 60°-70° | 1397.8 | 20.1 |
| 70°-80° | 1199.8 | 17.2 |
| 80°-90° | 690.8 | 9.9 |
| 90°-100° | 312.2 | 4.5 |
| 100°-110° | 143.5 | 2.1 |
| 110°-120° | 72.1 | 1.0 |
| 120°-130° | 37.4 | 0.5 |
| 130°-140° | 17.8 | 0.3 |
| 140°-150° | 6.1 | 0.1 |
| 150°-160° | 1.1 | 0.0 |
| 160°-170° | 0.2 | 0.0 |
| 170°-180° | 0.1 | 0.0 |
| 0°-90° | 6365.5 | 91.5 |
| 0°-180° | 6956.0 | 100.0 |

Coefficient of Utilization



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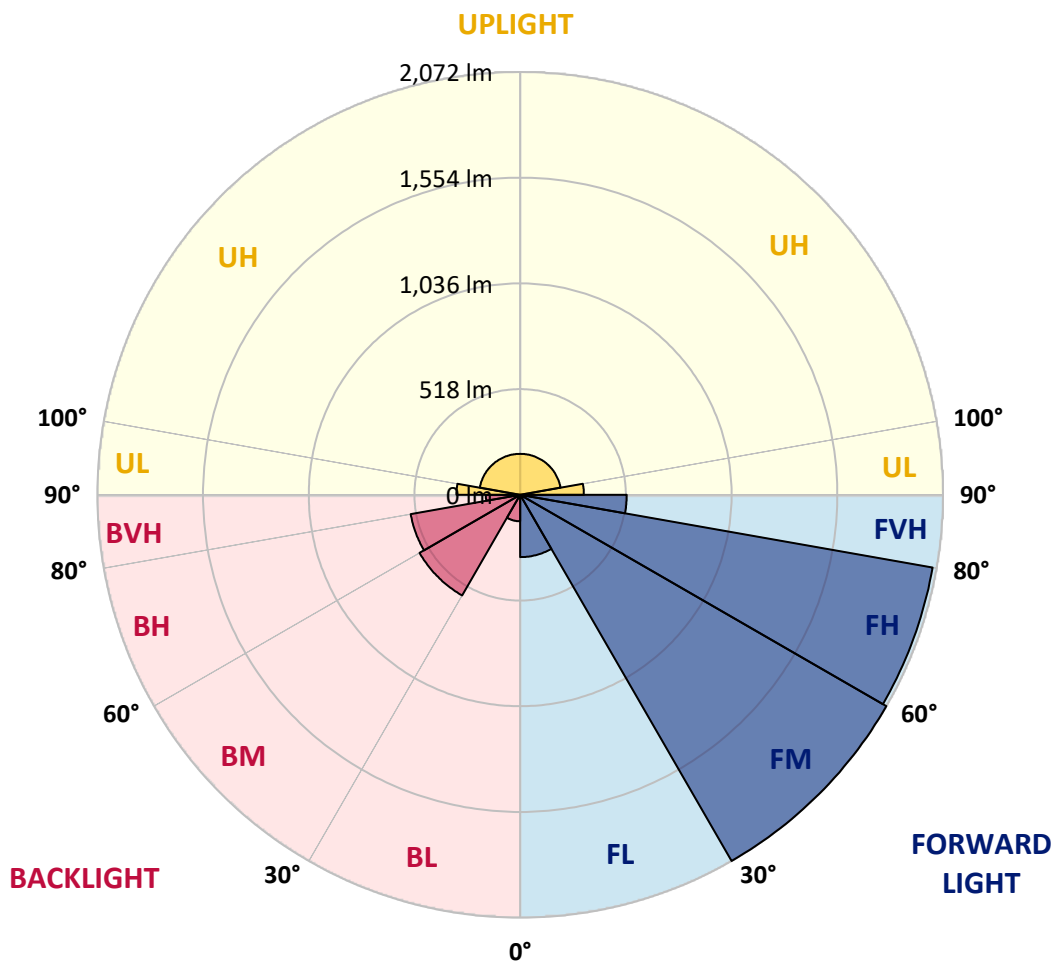
CATALOG NUMBER: LXF.LXT-PA1-80-727-U-SL3-FL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|--------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 305.5 | 4.4 | | | |
| FM | (30°-60°) | 2072.5 | 29.8 | | | |
| FH | (60°-80°) | 2052.8 | 29.5 | | | G2/5000 |
| FVH | (80°-90°) | 522.2 | 7.5 | | | G4/750 |
| BL | (0°-30°) | 129.7 | 1.9 | B1/500 | | |
| BM | (30°-60°) | 569.6 | 8.2 | B1/1000 | | |
| BH | (60°-80°) | 544.7 | 7.8 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 168.6 | 2.4 | | | G2/225 |
| UL | (90°-100°) | 312.2 | 4.5 | | U3/500 | |
| UH | (100°-180°) | 200.9 | 2.9 | | 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° | 72.5° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 |
| 2.5° | 325.3 | 324.5 | 325.3 | 322.8 | 320.3 | 315.3 | 311.9 | 305.2 | 301.9 | 300.2 | 293.5 |
| 5° | 371.3 | 370.5 | 369.6 | 366.3 | 357.9 | 352.1 | 342.0 | 330.3 | 322.8 | 319.5 | 308.6 |
| 7.5° | 421.5 | 419.8 | 418.1 | 410.6 | 404.8 | 394.7 | 379.7 | 364.6 | 352.1 | 349.6 | 329.5 |
| 10° | 478.3 | 476.7 | 473.3 | 467.5 | 456.6 | 442.4 | 429.0 | 407.3 | 391.4 | 383.8 | 362.1 |
| 12.5° | 536.9 | 540.2 | 536.0 | 524.3 | 511.8 | 498.4 | 479.2 | 458.3 | 441.5 | 435.7 | 402.2 |
| 15° | 608.0 | 610.5 | 606.3 | 592.9 | 579.5 | 559.5 | 544.4 | 522.7 | 500.1 | 496.7 | 459.9 |
| 17.5° | 686.6 | 685.7 | 677.4 | 664.8 | 653.1 | 637.2 | 615.5 | 595.4 | 570.3 | 564.5 | 519.3 |
| 20° | 771.9 | 768.5 | 761.0 | 740.1 | 729.2 | 710.8 | 697.4 | 669.8 | 645.6 | 637.2 | 592.1 |
| 22.5° | 857.2 | 855.5 | 848.8 | 829.6 | 816.2 | 800.3 | 780.2 | 755.1 | 738.4 | 721.7 | 671.5 |
| 25° | 964.2 | 954.2 | 945.8 | 911.5 | 899.0 | 883.9 | 866.4 | 845.5 | 829.6 | 820.4 | 762.7 |
| 27.5° | 1071.3 | 1063.7 | 1044.5 | 1019.4 | 995.2 | 970.9 | 963.4 | 945.0 | 940.0 | 932.4 | 867.2 |
| 30° | 1177.5 | 1174.1 | 1153.2 | 1121.4 | 1086.3 | 1062.9 | 1058.7 | 1060.4 | 1052.9 | 1043.7 | 974.2 |
| 32.5° | 1297.9 | 1290.4 | 1266.9 | 1224.3 | 1187.5 | 1159.9 | 1159.9 | 1171.6 | 1178.3 | 1169.1 | 1095.5 |
| 35° | 1415.8 | 1409.1 | 1379.8 | 1327.1 | 1286.2 | 1252.7 | 1266.1 | 1293.7 | 1309.6 | 1309.6 | 1218.4 |
| 37.5° | 1540.4 | 1525.3 | 1495.2 | 1440.0 | 1384.9 | 1360.6 | 1375.7 | 1423.3 | 1446.7 | 1446.7 | 1354.7 |
| 40° | 1649.1 | 1648.3 | 1607.3 | 1541.2 | 1486.9 | 1450.9 | 1496.9 | 1560.5 | 1591.4 | 1588.9 | 1491.9 |
| 42.5° | 1757.8 | 1757.0 | 1717.7 | 1644.9 | 1576.4 | 1558.0 | 1615.7 | 1705.1 | 1755.3 | 1755.3 | 1630.7 |
| 45° | 1855.7 | 1849.0 | 1815.5 | 1735.2 | 1671.7 | 1663.3 | 1748.6 | 1862.4 | 1914.2 | 1922.6 | 1781.2 |
| 47.5° | 1927.6 | 1921.7 | 1892.5 | 1814.7 | 1754.5 | 1769.5 | 1872.4 | 2017.1 | 2087.3 | 2086.5 | 1935.1 |
| 50° | 1976.1 | 1970.2 | 1945.1 | 1878.2 | 1826.4 | 1864.0 | 2007.0 | 2181.0 | 2268.8 | 2275.5 | 2087.3 |
| 52.5° | 1990.3 | 1987.0 | 1973.6 | 1918.4 | 1884.9 | 1949.3 | 2133.3 | 2348.2 | 2447.7 | 2453.6 | 2253.7 |
| 55° | 1966.1 | 1966.1 | 1965.2 | 1931.8 | 1918.4 | 2025.4 | 2263.8 | 2511.3 | 2619.2 | 2630.0 | 2417.6 |
| 57.5° | 1909.2 | 1911.7 | 1926.7 | 1915.9 | 1935.9 | 2086.5 | 2374.1 | 2658.5 | 2788.9 | 2795.6 | 2564.0 |
| 60° | 1823.1 | 1818.0 | 1851.5 | 1871.6 | 1925.9 | 2124.9 | 2472.0 | 2806.5 | 2942.8 | 2945.3 | 2692.8 |
| 62.5° | 1692.6 | 1695.1 | 1743.6 | 1796.3 | 1890.0 | 2140.8 | 2558.1 | 2936.1 | 3074.1 | 3080.0 | 2793.1 |
| 65° | 1538.7 | 1544.6 | 1610.6 | 1699.3 | 1828.1 | 2124.1 | 2607.5 | 3035.6 | 3173.6 | 3166.1 | 2850.8 |
| 67.5° | 1372.3 | 1380.7 | 1466.8 | 1574.7 | 1736.1 | 2077.3 | 2615.8 | 3083.3 | 3214.6 | 3197.9 | 2855.8 |
| 70° | 1190.0 | 1211.7 | 1297.9 | 1438.4 | 1617.3 | 1987.8 | 2567.3 | 3074.9 | 3187.0 | 3171.1 | 2781.4 |
| 72.5° | 1024.4 | 1040.3 | 1134.8 | 1281.2 | 1484.4 | 1858.2 | 2464.5 | 2978.8 | 3079.1 | 3047.3 | 2625.9 |
| 75° | 859.7 | 883.9 | 973.4 | 1129.8 | 1340.5 | 1697.6 | 2289.7 | 2793.1 | 2855.0 | 2820.7 | 2394.2 |
| 77.5° | 719.2 | 740.9 | 829.6 | 980.1 | 1182.5 | 1529.5 | 2060.6 | 2511.3 | 2562.3 | 2527.2 | 2101.5 |
| 80° | 586.2 | 610.5 | 696.6 | 844.6 | 1034.5 | 1332.2 | 1798.0 | 2181.8 | 2201.0 | 2145.8 | 1778.7 |
| 82.5° | 490.0 | 502.6 | 582.9 | 713.3 | 888.1 | 1149.0 | 1528.7 | 1830.6 | 1831.4 | 1765.3 | 1445.1 |
| 85° | 400.6 | 408.1 | 481.7 | 599.6 | 749.3 | 970.9 | 1255.2 | 1474.3 | 1457.6 | 1421.6 | 1113.9 |
| 87.5° | 324.5 | 332.0 | 398.1 | 504.3 | 630.5 | 810.3 | 1024.4 | 1160.7 | 1121.4 | 1093.0 | 864.7 |
| 90° | 265.9 | 274.3 | 328.7 | 420.6 | 529.4 | 669.0 | 815.4 | 897.3 | 862.2 | 840.4 | 666.5 |
| 92.5° | 217.4 | 225.8 | 273.5 | 352.1 | 448.2 | 547.8 | 648.1 | 686.6 | 662.3 | 637.2 | 502.6 |
| 95° | 184.0 | 185.7 | 228.3 | 294.4 | 370.5 | 442.4 | 507.6 | 530.2 | 496.7 | 487.5 | 388.9 |
| 97.5° | 151.4 | 156.4 | 189.8 | 248.4 | 309.4 | 368.8 | 402.2 | 413.9 | 383.8 | 363.8 | 297.7 |
| 100° | 128.8 | 131.3 | 160.6 | 207.4 | 257.6 | 300.2 | 326.1 | 320.3 | 293.5 | 281.8 | 225.8 |
| 102.5° | 110.4 | 112.9 | 136.3 | 179.8 | 219.1 | 250.0 | 262.6 | 253.4 | 228.3 | 220.8 | 177.3 |
| 105° | 97.0 | 97.8 | 117.1 | 152.2 | 185.7 | 211.6 | 216.6 | 202.4 | 178.1 | 168.1 | 139.7 |
| 107.5° | 86.1 | 87.0 | 102.0 | 132.1 | 160.6 | 178.1 | 179.8 | 163.9 | 140.5 | 133.0 | 112.1 |
| 110° | 76.9 | 78.6 | 89.5 | 114.6 | 138.8 | 152.2 | 150.5 | 133.8 | 112.1 | 105.4 | 92.0 |



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CATALOG NUMBER: LXF.LXT-PA1-80-727-U-SL3-FL

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 72.5° | 75° | 85° |
|--------|------|------|------|-------|-------|-------|-------|-------|-------|------|------|
| 112.5° | 69.4 | 71.1 | 79.4 | 100.4 | 120.4 | 132.1 | 127.9 | 107.9 | 89.5 | 85.3 | 76.1 |
| 115° | 63.6 | 65.2 | 71.9 | 88.6 | 106.2 | 114.6 | 107.9 | 89.5 | 73.6 | 68.6 | 63.6 |
| 117.5° | 59.4 | 60.2 | 65.2 | 78.6 | 92.0 | 98.7 | 91.2 | 74.4 | 60.2 | 56.9 | 54.4 |
| 120° | 55.2 | 56.0 | 60.2 | 69.4 | 81.1 | 84.5 | 76.9 | 61.0 | 50.2 | 48.5 | 47.7 |
| 122.5° | 51.8 | 51.8 | 55.2 | 61.9 | 70.2 | 72.8 | 65.2 | 51.0 | 42.6 | 41.0 | 41.8 |
| 125° | 48.5 | 48.5 | 50.2 | 55.2 | 61.0 | 62.7 | 54.4 | 42.6 | 36.0 | 35.1 | 36.8 |
| 127.5° | 45.2 | 45.2 | 46.0 | 49.3 | 52.7 | 52.7 | 45.2 | 35.1 | 30.9 | 30.1 | 32.6 |
| 130° | 41.8 | 41.8 | 41.8 | 43.5 | 45.2 | 44.3 | 36.8 | 29.3 | 26.8 | 26.8 | 28.4 |
| 132.5° | 38.5 | 38.5 | 38.5 | 38.5 | 37.6 | 36.0 | 30.1 | 23.4 | 23.4 | 23.4 | 25.1 |
| 135° | 34.3 | 34.3 | 34.3 | 33.5 | 31.8 | 29.3 | 23.4 | 19.2 | 19.2 | 20.1 | 21.7 |
| 137.5° | 30.9 | 30.9 | 30.1 | 28.4 | 25.9 | 22.6 | 18.4 | 15.1 | 16.7 | 16.7 | 18.4 |
| 140° | 26.8 | 26.8 | 25.9 | 23.4 | 20.1 | 16.7 | 13.4 | 12.5 | 13.4 | 14.2 | 15.9 |
| 142.5° | 22.6 | 22.6 | 21.7 | 19.2 | 15.9 | 11.7 | 9.2 | 9.2 | 10.9 | 10.9 | 12.5 |
| 145° | 18.4 | 18.4 | 17.6 | 15.1 | 10.9 | 7.5 | 5.9 | 6.7 | 8.4 | 8.4 | 9.2 |
| 147.5° | 14.2 | 14.2 | 13.4 | 10.9 | 7.5 | 5.0 | 3.3 | 5.0 | 5.9 | 5.9 | 6.7 |
| 150° | 10.0 | 10.0 | 9.2 | 7.5 | 5.0 | 2.5 | 1.7 | 2.5 | 3.3 | 4.2 | 4.2 |
| 152.5° | 6.7 | 6.7 | 5.9 | 5.0 | 2.5 | 0.8 | 1.7 | 2.5 | 2.5 | 2.5 | 3.3 |
| 155° | 4.2 | 3.3 | 3.3 | 2.5 | 0.8 | 0.0 | 0.8 | 1.7 | 1.7 | 1.7 | 2.5 |
| 157.5° | 1.7 | 1.7 | 1.7 | 1.7 | 0.8 | 0.0 | 0.8 | 0.8 | 0.8 | 1.7 | 1.7 |
| 160° | 0.0 | 0.8 | 0.8 | 1.7 | 0.8 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 162.5° | 0.0 | 0.8 | 0.8 | 1.7 | 0.8 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 165° | 0.0 | 0.8 | 0.8 | 1.7 | 0.8 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 167.5° | 0.0 | 0.8 | 0.8 | 1.7 | 0.8 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 170° | 0.0 | 0.8 | 0.8 | 1.7 | 0.8 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 172.5° | 0.0 | 0.8 | 0.8 | 1.7 | 0.8 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 175° | 0.0 | 0.8 | 0.8 | 1.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 177.5° | 0.0 | 0.8 | 0.8 | 1.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 180° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |



REPORT NUMBER: P416641

CATALOG NUMBER: LXF.LXT-PA1-80-727-U-SL3-FL

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 |
| 2.5° | 291.9 | 288.5 | 283.5 | 278.5 | 273.5 | 270.1 | 266.8 | 265.1 | 262.6 | 260.1 | 260.1 |
| 5° | 301.9 | 295.2 | 283.5 | 271.8 | 260.9 | 251.7 | 242.5 | 237.5 | 234.2 | 230.8 | 231.6 |
| 7.5° | 320.3 | 310.3 | 291.0 | 271.8 | 254.2 | 239.2 | 226.6 | 216.6 | 209.9 | 205.7 | 206.6 |
| 10° | 346.2 | 335.3 | 306.1 | 278.5 | 253.4 | 231.6 | 214.1 | 199.9 | 191.5 | 187.3 | 187.3 |
| 12.5° | 387.2 | 368.8 | 330.3 | 291.0 | 257.6 | 228.3 | 205.7 | 189.0 | 177.3 | 172.3 | 171.4 |
| 15° | 436.5 | 410.6 | 363.8 | 315.3 | 267.6 | 228.3 | 199.0 | 187.3 | 179.8 | 176.5 | 175.6 |
| 17.5° | 495.1 | 466.6 | 402.2 | 337.8 | 281.0 | 233.3 | 208.2 | 194.0 | 185.7 | 182.3 | 181.5 |
| 20° | 558.6 | 525.2 | 444.1 | 366.3 | 294.4 | 248.4 | 217.4 | 199.9 | 190.7 | 187.3 | 187.3 |
| 22.5° | 636.4 | 592.1 | 489.2 | 391.4 | 311.1 | 260.9 | 226.6 | 204.9 | 196.5 | 193.2 | 192.3 |
| 25° | 716.7 | 666.5 | 542.7 | 418.1 | 329.5 | 270.9 | 233.3 | 209.9 | 201.5 | 198.2 | 199.0 |
| 27.5° | 811.2 | 746.8 | 595.4 | 444.9 | 345.4 | 276.8 | 236.7 | 214.1 | 205.7 | 203.2 | 204.0 |
| 30° | 909.9 | 828.7 | 642.2 | 472.5 | 356.2 | 281.0 | 239.2 | 217.4 | 208.2 | 206.6 | 206.6 |
| 32.5° | 1014.4 | 922.4 | 690.8 | 496.7 | 362.9 | 281.8 | 239.2 | 219.1 | 209.9 | 209.1 | 209.9 |
| 35° | 1121.4 | 1012.7 | 737.6 | 516.0 | 366.3 | 281.0 | 238.3 | 220.8 | 209.9 | 209.9 | 209.9 |
| 37.5° | 1240.2 | 1101.4 | 776.9 | 529.4 | 367.1 | 278.5 | 237.5 | 219.9 | 209.9 | 209.9 | 210.7 |
| 40° | 1362.3 | 1195.9 | 820.4 | 540.2 | 366.3 | 276.8 | 236.7 | 219.9 | 209.9 | 209.9 | 210.7 |
| 42.5° | 1483.5 | 1283.7 | 861.4 | 546.9 | 364.6 | 275.1 | 235.8 | 219.9 | 209.9 | 208.2 | 209.1 |
| 45° | 1614.8 | 1385.7 | 900.7 | 551.1 | 362.9 | 274.3 | 235.8 | 219.1 | 209.9 | 206.6 | 207.4 |
| 47.5° | 1736.9 | 1480.2 | 932.4 | 556.1 | 362.1 | 274.3 | 236.7 | 219.1 | 209.1 | 205.7 | 205.7 |
| 50° | 1874.9 | 1578.0 | 965.0 | 557.8 | 360.4 | 274.3 | 236.7 | 219.1 | 208.2 | 203.2 | 204.0 |
| 52.5° | 2011.2 | 1676.7 | 996.8 | 561.1 | 360.4 | 275.1 | 237.5 | 219.1 | 207.4 | 200.7 | 200.7 |
| 55° | 2141.7 | 1764.5 | 1025.3 | 563.6 | 360.4 | 276.8 | 240.0 | 219.1 | 206.6 | 198.2 | 198.2 |
| 57.5° | 2261.3 | 1854.8 | 1053.7 | 564.5 | 360.4 | 278.5 | 240.0 | 219.9 | 205.7 | 195.7 | 195.7 |
| 60° | 2367.5 | 1932.6 | 1073.8 | 565.3 | 359.6 | 280.1 | 241.7 | 219.1 | 204.9 | 193.2 | 193.2 |
| 62.5° | 2442.7 | 1992.0 | 1083.8 | 562.8 | 359.6 | 280.1 | 242.5 | 219.1 | 204.0 | 192.3 | 191.5 |
| 65° | 2485.4 | 2012.9 | 1077.9 | 555.3 | 357.9 | 280.1 | 241.7 | 218.3 | 202.4 | 190.7 | 189.8 |
| 67.5° | 2471.2 | 1990.3 | 1052.9 | 543.6 | 353.7 | 279.3 | 241.7 | 216.6 | 202.4 | 189.8 | 188.2 |
| 70° | 2394.2 | 1922.6 | 1005.2 | 526.0 | 347.9 | 276.0 | 238.3 | 214.1 | 200.7 | 189.0 | 187.3 |
| 72.5° | 2243.7 | 1786.3 | 935.8 | 498.4 | 337.8 | 270.9 | 234.2 | 209.9 | 197.4 | 186.5 | 184.0 |
| 75° | 2034.6 | 1624.0 | 851.3 | 470.0 | 325.3 | 264.3 | 229.1 | 205.7 | 193.2 | 183.1 | 180.6 |
| 77.5° | 1766.2 | 1407.4 | 757.7 | 433.2 | 309.4 | 255.1 | 222.4 | 199.0 | 187.3 | 178.1 | 174.8 |
| 80° | 1487.7 | 1185.8 | 656.5 | 394.7 | 292.7 | 243.4 | 212.4 | 190.7 | 179.8 | 171.4 | 167.3 |
| 82.5° | 1204.2 | 974.2 | 562.0 | 357.9 | 273.5 | 230.0 | 202.4 | 181.5 | 171.4 | 162.2 | 158.1 |
| 85° | 950.0 | 770.2 | 470.8 | 319.5 | 253.4 | 216.6 | 190.7 | 170.6 | 161.4 | 151.4 | 147.2 |
| 87.5° | 739.3 | 611.3 | 393.9 | 284.3 | 231.6 | 201.5 | 178.1 | 159.7 | 148.9 | 139.7 | 136.3 |
| 90° | 576.2 | 481.7 | 329.5 | 250.9 | 212.4 | 186.5 | 164.7 | 148.0 | 137.1 | 127.9 | 123.8 |
| 92.5° | 439.0 | 381.3 | 276.0 | 221.6 | 193.2 | 171.4 | 152.2 | 136.3 | 125.4 | 115.4 | 111.2 |
| 95° | 343.7 | 302.7 | 233.3 | 194.8 | 173.9 | 155.5 | 139.7 | 124.6 | 112.9 | 102.0 | 99.5 |
| 97.5° | 266.8 | 242.5 | 196.5 | 170.6 | 157.2 | 140.5 | 126.3 | 112.9 | 101.2 | 90.3 | 87.8 |
| 100° | 210.7 | 193.2 | 166.4 | 151.4 | 139.7 | 126.3 | 113.7 | 102.0 | 89.5 | 77.8 | 76.9 |
| 102.5° | 166.4 | 158.9 | 141.3 | 133.0 | 123.8 | 113.7 | 102.9 | 90.3 | 77.8 | 66.9 | 66.1 |
| 105° | 136.3 | 129.6 | 121.3 | 116.2 | 110.4 | 101.2 | 91.2 | 80.3 | 67.7 | 57.7 | 57.7 |
| 107.5° | 110.4 | 107.0 | 102.9 | 102.0 | 97.8 | 90.3 | 82.0 | 71.1 | 58.5 | 50.2 | 50.2 |
| 110° | 90.3 | 89.5 | 89.5 | 89.5 | 87.0 | 81.1 | 72.8 | 61.9 | 49.3 | 43.5 | 43.5 |



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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 76.1 | 76.1 | 76.9 | 78.6 | 76.9 | 71.1 | 63.6 | 53.5 | 42.6 | 37.6 | 37.6 |
| 115° | 64.4 | 65.2 | 67.7 | 68.6 | 67.7 | 63.6 | 56.0 | 46.0 | 36.0 | 32.6 | 33.5 |
| 117.5° | 56.0 | 56.0 | 59.4 | 61.0 | 60.2 | 56.0 | 48.5 | 39.3 | 30.9 | 29.3 | 29.3 |
| 120° | 48.5 | 50.2 | 52.7 | 53.5 | 52.7 | 48.5 | 42.6 | 33.5 | 26.8 | 25.9 | 25.9 |
| 122.5° | 42.6 | 43.5 | 46.0 | 47.7 | 46.0 | 42.6 | 36.0 | 28.4 | 22.6 | 22.6 | 23.4 |
| 125° | 37.6 | 38.5 | 40.1 | 41.8 | 40.1 | 36.0 | 30.9 | 23.4 | 20.1 | 20.1 | 20.1 |
| 127.5° | 33.5 | 34.3 | 36.0 | 36.0 | 34.3 | 30.9 | 25.9 | 20.1 | 16.7 | 17.6 | 17.6 |
| 130° | 29.3 | 30.1 | 30.9 | 30.9 | 30.1 | 26.8 | 21.7 | 16.7 | 15.1 | 15.9 | 15.9 |
| 132.5° | 25.9 | 26.8 | 26.8 | 26.8 | 25.1 | 22.6 | 18.4 | 14.2 | 13.4 | 14.2 | 14.2 |
| 135° | 22.6 | 22.6 | 23.4 | 22.6 | 20.9 | 18.4 | 14.2 | 11.7 | 11.7 | 12.5 | 12.5 |
| 137.5° | 19.2 | 20.1 | 20.1 | 18.4 | 16.7 | 14.2 | 11.7 | 10.0 | 10.0 | 10.9 | 10.9 |
| 140° | 15.9 | 16.7 | 15.9 | 15.1 | 13.4 | 11.7 | 9.2 | 7.5 | 8.4 | 9.2 | 9.2 |
| 142.5° | 13.4 | 13.4 | 13.4 | 11.7 | 10.0 | 8.4 | 6.7 | 6.7 | 7.5 | 7.5 | 8.4 |
| 145° | 10.0 | 10.0 | 10.0 | 9.2 | 7.5 | 5.9 | 5.0 | 5.0 | 5.9 | 6.7 | 6.7 |
| 147.5° | 7.5 | 7.5 | 7.5 | 6.7 | 5.0 | 4.2 | 3.3 | 4.2 | 5.0 | 5.9 | 5.0 |
| 150° | 5.0 | 5.0 | 5.0 | 4.2 | 3.3 | 2.5 | 2.5 | 3.3 | 4.2 | 4.2 | 4.2 |
| 152.5° | 3.3 | 3.3 | 3.3 | 3.3 | 2.5 | 0.8 | 1.7 | 2.5 | 3.3 | 3.3 | 3.3 |
| 155° | 2.5 | 2.5 | 2.5 | 2.5 | 1.7 | 0.0 | 0.8 | 1.7 | 2.5 | 2.5 | 2.5 |
| 157.5° | 1.7 | 1.7 | 1.7 | 1.7 | 0.8 | 0.0 | 0.0 | 1.7 | 1.7 | 1.7 | 1.7 |
| 160° | 0.8 | 1.7 | 1.7 | 0.8 | 0.8 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 |
| 162.5° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.0 |
| 165° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 | 0.8 | 0.8 | 0.0 | 0.0 |
| 167.5° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 | 0.8 | 0.8 | 0.0 | 0.0 |
| 170° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 | 0.8 | 0.8 | 0.0 | 0.0 |
| 172.5° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 | 0.8 | 0.8 | 0.0 | 0.0 |
| 175° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 | 0.8 | 0.8 | 0.0 | 0.0 |
| 177.5° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 | 0.8 | 0.8 | 0.0 | 0.0 |
| 180° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |

(END OF REPORT)