

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: P416883

Luminaire Tested: **LXF.LXT-PA1-80-760-U-T4W-A**

Issue Date: 10/26/2020

Test Information

Test Method: LM-79-08
Report Number: P416883
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1907-433-8)
Test Lab: INNOVATION CENTER
Issue Date: 10/26/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA1-80-760-U-T4W-A
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 5700K, 1050mA LIGHT ENGINE WITH 24 LEDS AND TYPE IV WIDE OPTICS AND REFRACTOR PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8688.9 lumens
Efficiency: N/A
Efficacy: 104.7 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U3 - G4

Input Watts (W): 83
Input Voltage (V): NR
Input Current (A_{in}): 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

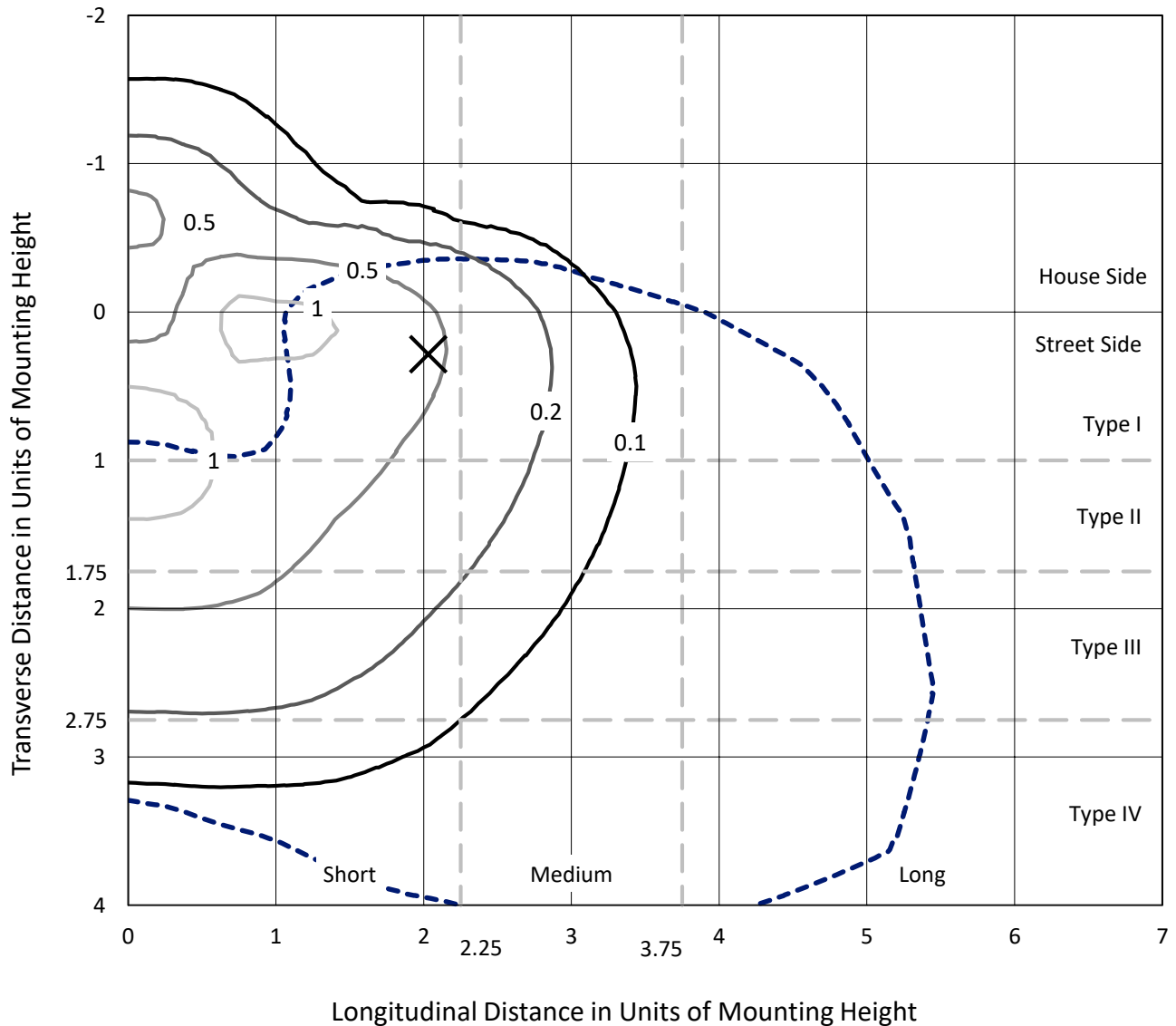


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

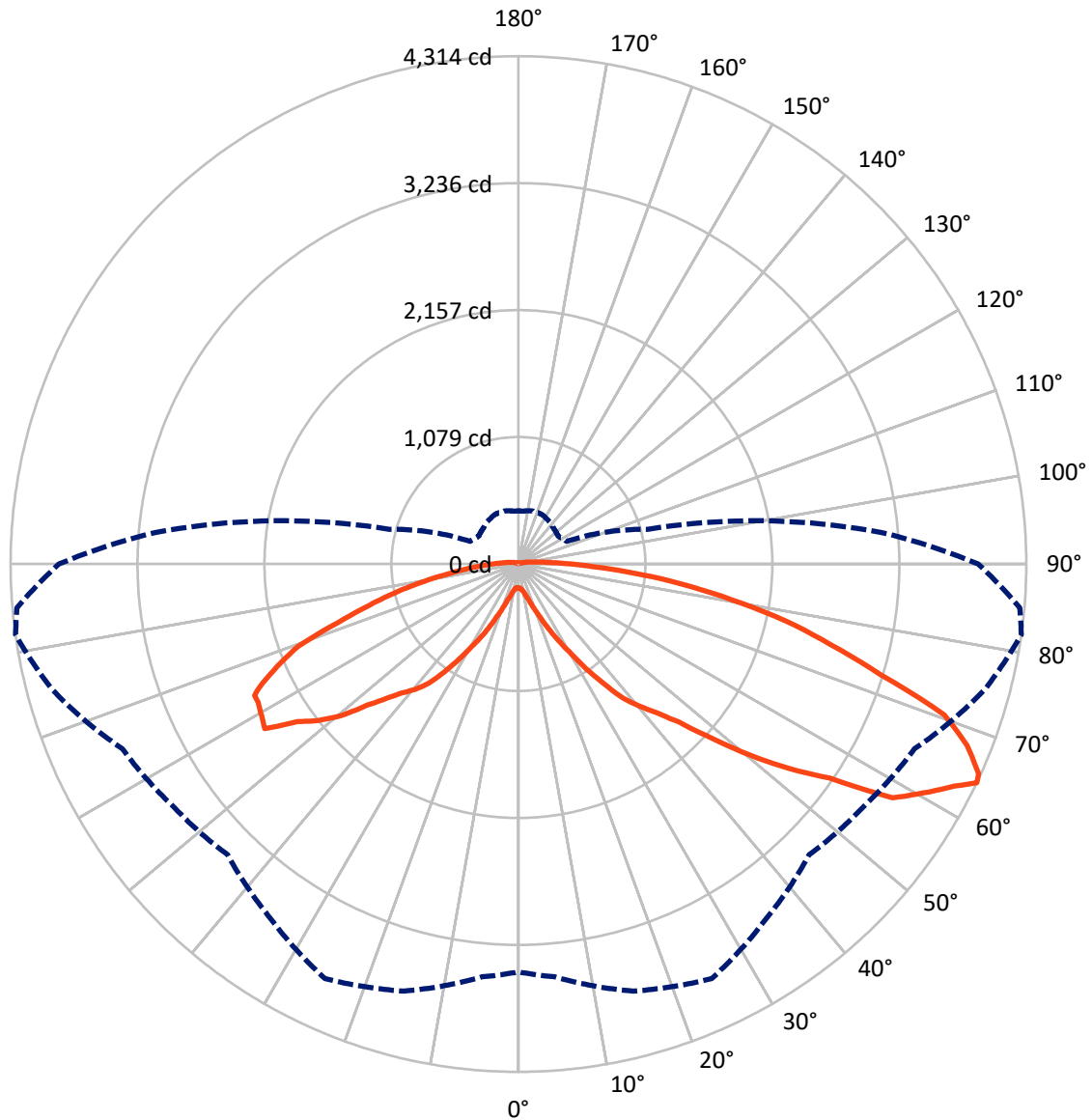


Based on 25 foot mounting height. Maximum calculated value = 1.5 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral - - - Horizontal Cone Through 64-Deg Vertical

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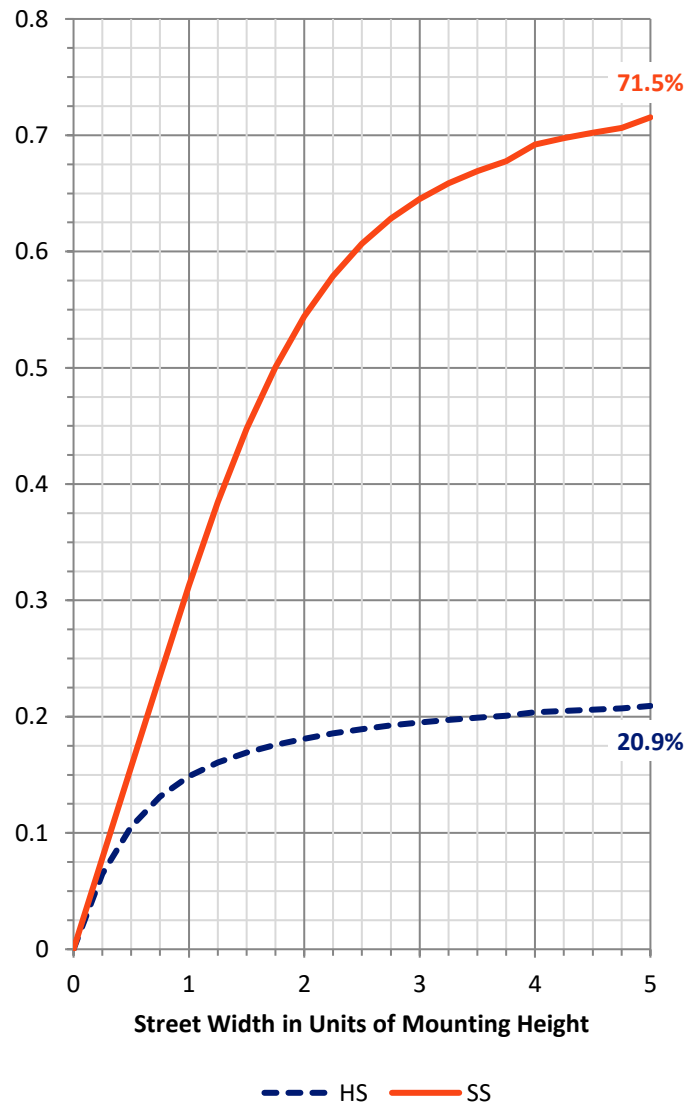
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1910.1 | 143.1 | 2053.2 |
| | % Fixture | 22.0 | 1.6 | 23.6 |
| Street Side | Lumens | 6448.3 | 187.5 | 6635.8 |
| | % Fixture | 74.2 | 2.2 | 76.4 |
| Total | Lumens | 8358.3 | 330.6 | 8688.9 |
| | % Fixture | 96.2 | 3.8 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 20.9 | 0.2 |
| 10°-20° | 89.4 | 1.0 |
| 20°-30° | 257.6 | 3.0 |
| 30°-40° | 591.3 | 6.8 |
| 40°-50° | 1038.5 | 12.0 |
| 50°-60° | 1668.1 | 19.2 |
| 60°-70° | 2239.2 | 25.8 |
| 70°-80° | 1712.0 | 19.7 |
| 80°-90° | 741.5 | 8.5 |
| 90°-100° | 208.3 | 2.4 |
| 100°-110° | 63.2 | 0.7 |
| 110°-120° | 27.8 | 0.3 |
| 120°-130° | 15.9 | 0.2 |
| 130°-140° | 9.7 | 0.1 |
| 140°-150° | 4.3 | 0.0 |
| 150°-160° | 1.4 | 0.0 |
| 160°-170° | 0.1 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 8358.3 | 96.2 |
| 0°-180° | 8688.9 | 100.0 |

Coefficient of Utilization



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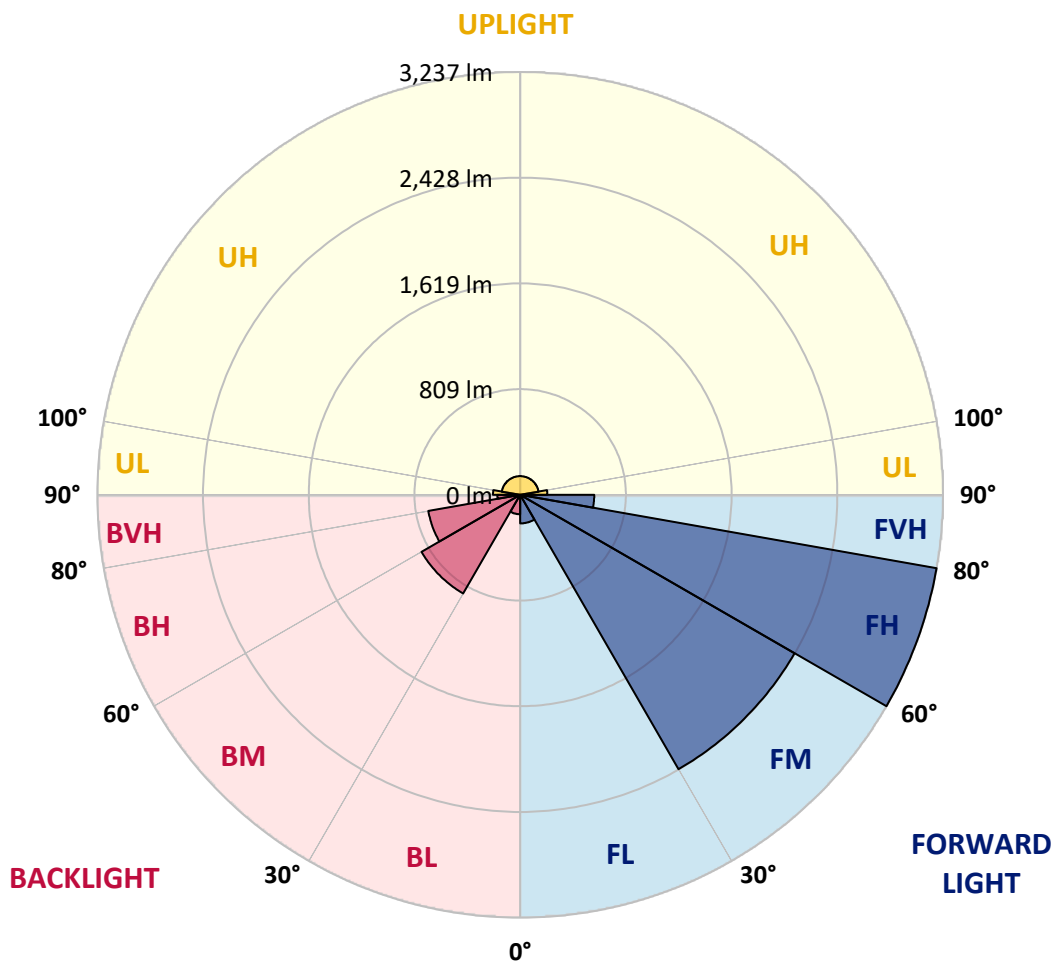
CATALOG NUMBER: LXF.LXT-PA1-80-760-U-T4W-A

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|--------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 218.8 | 2.5 | | | |
| FM | (30°-60°) | 2425.5 | 27.9 | | | |
| FH | (60°-80°) | 3237.1 | 37.3 | | | G2/5000 |
| FVH | (80°-90°) | 566.8 | 6.5 | | | G4/750 |
| BL | (0°-30°) | 149.1 | 1.7 | B1/500 | | |
| BM | (30°-60°) | 872.3 | 10.0 | B1/1000 | | |
| BH | (60°-80°) | 714.0 | 8.2 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 174.7 | 2.0 | | | G2/225 |
| UL | (90°-100°) | 208.3 | 2.4 | | U3/500 | |
| UH | (100°-180°) | 143.1 | 1.6 | | U3/500 | |

BUG Rating: B2-U3-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 82° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 |
| 2.5° | 218.0 | 217.0 | 217.0 | 218.0 | 218.0 | 216.0 | 212.0 | 209.0 | 206.0 | 205.0 | 204.0 |
| 5° | 238.0 | 237.0 | 236.0 | 237.0 | 234.0 | 231.0 | 225.0 | 219.0 | 215.0 | 211.0 | 210.0 |
| 7.5° | 265.0 | 264.0 | 263.0 | 261.0 | 257.0 | 251.0 | 242.0 | 234.0 | 227.0 | 222.0 | 220.0 |
| 10° | 300.0 | 296.0 | 295.0 | 291.0 | 284.0 | 274.0 | 264.0 | 254.0 | 246.0 | 239.0 | 236.0 |
| 12.5° | 348.0 | 348.0 | 340.0 | 331.0 | 319.0 | 304.0 | 291.0 | 283.0 | 275.0 | 271.0 | 265.0 |
| 15° | 407.0 | 405.0 | 397.0 | 382.0 | 362.0 | 345.0 | 331.0 | 321.0 | 316.0 | 309.0 | 306.0 |
| 17.5° | 472.0 | 468.0 | 461.0 | 438.0 | 414.0 | 396.0 | 380.0 | 370.0 | 367.0 | 361.0 | 360.0 |
| 20° | 557.0 | 551.0 | 534.0 | 506.0 | 473.0 | 453.0 | 438.0 | 427.0 | 426.0 | 428.0 | 427.0 |
| 22.5° | 658.0 | 654.0 | 633.0 | 582.0 | 545.0 | 516.0 | 496.0 | 498.0 | 511.0 | 517.0 | 509.0 |
| 25° | 779.0 | 783.0 | 748.0 | 680.0 | 631.0 | 582.0 | 574.0 | 585.0 | 614.0 | 630.0 | 631.0 |
| 27.5° | 922.0 | 921.0 | 875.0 | 800.0 | 724.0 | 669.0 | 656.0 | 688.0 | 729.0 | 752.0 | 752.0 |
| 30° | 1082.0 | 1096.0 | 1031.0 | 933.0 | 827.0 | 762.0 | 752.0 | 801.0 | 844.0 | 885.0 | 897.0 |
| 32.5° | 1295.1 | 1292.1 | 1208.1 | 1090.0 | 949.0 | 857.0 | 849.0 | 911.0 | 1008.0 | 1065.0 | 1065.0 |
| 35° | 1560.1 | 1549.1 | 1432.1 | 1255.1 | 1066.0 | 963.0 | 964.0 | 1050.0 | 1178.1 | 1248.1 | 1255.1 |
| 37.5° | 1788.1 | 1797.1 | 1679.1 | 1464.1 | 1217.1 | 1084.0 | 1096.0 | 1212.1 | 1366.1 | 1448.1 | 1476.1 |
| 40° | 2032.1 | 2035.1 | 1905.1 | 1671.1 | 1380.1 | 1213.1 | 1242.1 | 1376.1 | 1522.1 | 1590.1 | 1617.1 |
| 42.5° | 2247.1 | 2265.1 | 2135.1 | 1879.1 | 1545.1 | 1371.1 | 1385.1 | 1502.1 | 1647.1 | 1728.1 | 1766.1 |
| 45° | 2395.1 | 2405.1 | 2325.1 | 2070.1 | 1724.1 | 1532.1 | 1530.1 | 1639.1 | 1826.1 | 1916.1 | 1977.1 |
| 47.5° | 2596.1 | 2623.1 | 2508.1 | 2262.1 | 1908.1 | 1696.1 | 1679.1 | 1819.1 | 2065.1 | 2211.1 | 2263.1 |
| 50° | 2832.1 | 2873.1 | 2792.1 | 2495.1 | 2118.1 | 1889.1 | 1892.1 | 2059.1 | 2362.1 | 2553.1 | 2607.1 |
| 52.5° | 3067.1 | 3083.1 | 3029.1 | 2775.1 | 2362.1 | 2114.1 | 2138.1 | 2347.1 | 2695.1 | 2891.1 | 2924.1 |
| 55° | 3193.1 | 3216.1 | 3232.1 | 3031.1 | 2655.1 | 2381.1 | 2423.1 | 2675.1 | 2979.1 | 3209.1 | 3284.1 |
| 57.5° | 3313.1 | 3345.1 | 3387.2 | 3250.1 | 2946.1 | 2711.1 | 2752.1 | 2976.1 | 3420.2 | 3748.2 | 3805.2 |
| 60° | 3516.2 | 3544.2 | 3625.2 | 3513.2 | 3213.1 | 3026.1 | 3069.1 | 3384.2 | 3724.2 | 3950.2 | 3956.2 |
| 62.5° | 3513.2 | 3557.2 | 3753.2 | 3781.2 | 3499.2 | 3329.1 | 3434.2 | 3604.2 | 3873.2 | 4157.2 | 4151.2 |
| 64° | 3465.2 | 3520.2 | 3756.2 | 3886.2 | 3673.2 | 3493.2 | 3584.2 | 3712.2 | 4104.2 | 4314.2 | 4276.2 |
| 65° | 3431.2 | 3492.2 | 3747.2 | 3913.2 | 3768.2 | 3586.2 | 3654.2 | 3802.2 | 4171.2 | 4296.2 | 4244.2 |
| 67.5° | 3244.1 | 3312.1 | 3650.2 | 3910.2 | 3866.2 | 3732.2 | 3754.2 | 3892.2 | 4060.2 | 4109.2 | 4016.2 |
| 70° | 2909.1 | 2945.1 | 3329.1 | 3746.2 | 3769.2 | 3641.2 | 3701.2 | 3772.2 | 3864.2 | 3840.2 | 3718.2 |
| 72.5° | 2296.1 | 2370.1 | 2758.1 | 3352.2 | 3483.2 | 3391.2 | 3414.2 | 3449.2 | 3356.2 | 3218.1 | 3073.1 |
| 75° | 1635.1 | 1701.1 | 2063.1 | 2644.1 | 3033.1 | 2996.1 | 3028.1 | 2972.1 | 2869.1 | 2743.1 | 2601.1 |
| 77.5° | 1137.1 | 1158.1 | 1457.1 | 1995.1 | 2424.1 | 2537.1 | 2606.1 | 2527.1 | 2469.1 | 2318.1 | 2204.1 |
| 80° | 736.0 | 771.0 | 959.0 | 1445.1 | 1921.1 | 2152.1 | 2263.1 | 2212.1 | 2077.1 | 1836.1 | 1706.1 |
| 82.5° | 456.0 | 484.0 | 632.0 | 1026.0 | 1523.1 | 1844.1 | 1951.1 | 1881.1 | 1665.1 | 1396.1 | 1266.1 |
| 85° | 261.0 | 267.0 | 370.0 | 668.0 | 1113.0 | 1465.1 | 1608.1 | 1496.1 | 1245.1 | 985.0 | 871.0 |
| 87.5° | 150.0 | 155.0 | 221.0 | 409.0 | 770.0 | 1104.0 | 1240.1 | 1077.0 | 836.0 | 633.0 | 558.0 |
| 90° | 96.0 | 102.0 | 143.0 | 267.0 | 496.0 | 789.0 | 889.0 | 739.0 | 560.0 | 401.0 | 353.0 |
| 92.5° | 66.0 | 69.0 | 96.0 | 166.0 | 320.0 | 521.0 | 594.0 | 494.0 | 349.0 | 256.0 | 227.0 |
| 95° | 48.0 | 50.0 | 68.0 | 113.0 | 206.0 | 327.0 | 367.0 | 313.0 | 229.0 | 170.0 | 152.0 |
| 97.5° | 39.0 | 40.0 | 53.0 | 83.0 | 142.0 | 208.0 | 220.0 | 195.0 | 152.0 | 121.0 | 114.0 |
| 100° | 33.0 | 34.0 | 44.0 | 64.0 | 101.0 | 136.0 | 139.0 | 131.0 | 107.0 | 90.0 | 86.0 |
| 102.5° | 30.0 | 30.0 | 37.0 | 52.0 | 76.0 | 97.0 | 97.0 | 90.0 | 74.0 | 66.0 | 66.0 |
| 105° | 27.0 | 27.0 | 32.0 | 43.0 | 60.0 | 75.0 | 74.0 | 66.0 | 56.0 | 50.0 | 51.0 |
| 107.5° | 24.0 | 24.0 | 28.0 | 35.0 | 49.0 | 59.0 | 57.0 | 49.0 | 43.0 | 39.0 | 40.0 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 82° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 22.0 | 22.0 | 25.0 | 30.0 | 41.0 | 49.0 | 46.0 | 38.0 | 32.0 | 32.0 | 33.0 |
| 112.5° | 20.0 | 20.0 | 22.0 | 27.0 | 35.0 | 40.0 | 37.0 | 30.0 | 26.0 | 26.0 | 27.0 |
| 115° | 18.0 | 18.0 | 20.0 | 24.0 | 31.0 | 34.0 | 31.0 | 24.0 | 21.0 | 22.0 | 24.0 |
| 117.5° | 17.0 | 17.0 | 19.0 | 22.0 | 27.0 | 29.0 | 26.0 | 20.0 | 18.0 | 20.0 | 21.0 |
| 120° | 16.0 | 16.0 | 18.0 | 21.0 | 25.0 | 26.0 | 22.0 | 18.0 | 16.0 | 18.0 | 19.0 |
| 122.5° | 16.0 | 16.0 | 17.0 | 20.0 | 23.0 | 23.0 | 20.0 | 16.0 | 14.0 | 16.0 | 17.0 |
| 125° | 16.0 | 16.0 | 17.0 | 19.0 | 21.0 | 21.0 | 18.0 | 14.0 | 13.0 | 15.0 | 15.0 |
| 127.5° | 17.0 | 17.0 | 18.0 | 19.0 | 20.0 | 19.0 | 16.0 | 13.0 | 12.0 | 14.0 | 14.0 |
| 130° | 17.0 | 17.0 | 17.0 | 18.0 | 18.0 | 17.0 | 14.0 | 12.0 | 12.0 | 13.0 | 14.0 |
| 132.5° | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 15.0 | 13.0 | 11.0 | 12.0 | 13.0 | 14.0 |
| 135° | 16.0 | 16.0 | 16.0 | 16.0 | 15.0 | 13.0 | 11.0 | 9.0 | 11.0 | 12.0 | 12.0 |
| 137.5° | 14.0 | 15.0 | 14.0 | 14.0 | 14.0 | 12.0 | 9.0 | 8.0 | 9.0 | 11.0 | 11.0 |
| 140° | 13.0 | 13.0 | 13.0 | 13.0 | 12.0 | 10.0 | 8.0 | 6.0 | 7.0 | 9.0 | 9.0 |
| 142.5° | 12.0 | 12.0 | 12.0 | 11.0 | 11.0 | 9.0 | 6.0 | 5.0 | 6.0 | 7.0 | 7.0 |
| 145° | 10.0 | 10.0 | 10.0 | 10.0 | 9.0 | 7.0 | 5.0 | 4.0 | 5.0 | 6.0 | 6.0 |
| 147.5° | 8.0 | 8.0 | 8.0 | 8.0 | 7.0 | 6.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 |
| 150° | 6.0 | 7.0 | 7.0 | 7.0 | 6.0 | 5.0 | 3.0 | 3.0 | 4.0 | 5.0 | 5.0 |
| 152.5° | 5.0 | 5.0 | 5.0 | 6.0 | 5.0 | 3.0 | 2.0 | 3.0 | 4.0 | 4.0 | 4.0 |
| 155° | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 2.0 | 3.0 | 3.0 | 4.0 | 4.0 |
| 157.5° | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 |
| 160° | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 |
| 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 |



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CATALOG NUMBER: LXF.LXT-PA1-80-760-U-T4W-A

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 |
| 2.5° | 203.0 | 202.0 | 200.0 | 198.0 | 197.0 | 197.0 | 195.0 | 194.0 | 191.0 | 191.0 | 190.0 |
| 5° | 207.0 | 205.0 | 201.0 | 197.0 | 194.0 | 193.0 | 191.0 | 188.0 | 186.0 | 185.0 | 185.0 |
| 7.5° | 216.0 | 213.0 | 205.0 | 200.0 | 196.0 | 193.0 | 191.0 | 188.0 | 186.0 | 185.0 | 185.0 |
| 10° | 231.0 | 226.0 | 217.0 | 208.0 | 202.0 | 198.0 | 196.0 | 195.0 | 194.0 | 193.0 | 193.0 |
| 12.5° | 260.0 | 253.0 | 238.0 | 227.0 | 215.0 | 209.0 | 207.0 | 209.0 | 214.0 | 216.0 | 217.0 |
| 15° | 300.0 | 291.0 | 273.0 | 253.0 | 235.0 | 225.0 | 229.0 | 239.0 | 248.0 | 252.0 | 251.0 |
| 17.5° | 350.0 | 336.0 | 314.0 | 287.0 | 262.0 | 257.0 | 261.0 | 272.0 | 285.0 | 291.0 | 290.0 |
| 20° | 414.0 | 403.0 | 370.0 | 326.0 | 298.0 | 290.0 | 293.0 | 307.0 | 326.0 | 332.0 | 334.0 |
| 22.5° | 502.0 | 486.0 | 435.0 | 374.0 | 337.0 | 322.0 | 325.0 | 343.0 | 369.0 | 383.0 | 386.0 |
| 25° | 616.0 | 599.0 | 524.0 | 431.0 | 373.0 | 350.0 | 362.0 | 386.0 | 428.0 | 450.0 | 448.0 |
| 27.5° | 748.0 | 719.0 | 621.0 | 501.0 | 415.0 | 379.0 | 397.0 | 436.0 | 480.0 | 508.0 | 506.0 |
| 30° | 870.0 | 845.0 | 714.0 | 565.0 | 451.0 | 407.0 | 426.0 | 476.0 | 527.0 | 561.0 | 563.0 |
| 32.5° | 1053.0 | 1007.0 | 823.0 | 620.0 | 480.0 | 430.0 | 448.0 | 509.0 | 568.0 | 609.0 | 608.0 |
| 35° | 1242.1 | 1190.1 | 943.0 | 684.0 | 505.0 | 445.0 | 464.0 | 533.0 | 598.0 | 647.0 | 648.0 |
| 37.5° | 1441.1 | 1368.1 | 1050.0 | 726.0 | 525.0 | 454.0 | 473.0 | 550.0 | 633.0 | 689.0 | 691.0 |
| 40° | 1575.1 | 1492.1 | 1115.0 | 748.0 | 531.0 | 460.0 | 481.0 | 562.0 | 639.0 | 680.0 | 684.0 |
| 42.5° | 1725.1 | 1608.1 | 1149.1 | 730.0 | 524.0 | 459.0 | 483.0 | 553.0 | 613.0 | 642.0 | 645.0 |
| 45° | 1932.1 | 1775.1 | 1186.1 | 702.0 | 505.0 | 456.0 | 475.0 | 529.0 | 568.0 | 579.0 | 579.0 |
| 47.5° | 2201.1 | 1978.1 | 1248.1 | 672.0 | 485.0 | 447.0 | 461.0 | 496.0 | 511.0 | 509.0 | 504.0 |
| 50° | 2524.1 | 2266.1 | 1323.1 | 646.0 | 466.0 | 436.0 | 445.0 | 465.0 | 470.0 | 464.0 | 461.0 |
| 52.5° | 2846.1 | 2498.1 | 1375.1 | 623.0 | 454.0 | 426.0 | 432.0 | 447.0 | 447.0 | 429.0 | 426.0 |
| 55° | 3141.1 | 2708.1 | 1361.1 | 579.0 | 445.0 | 421.0 | 427.0 | 438.0 | 429.0 | 408.0 | 404.0 |
| 57.5° | 3618.2 | 3071.1 | 1397.1 | 536.0 | 432.0 | 420.0 | 428.0 | 435.0 | 422.0 | 402.0 | 398.0 |
| 60° | 3703.2 | 3056.1 | 1312.1 | 509.0 | 423.0 | 423.0 | 432.0 | 440.0 | 431.0 | 413.0 | 412.0 |
| 62.5° | 3821.2 | 3070.1 | 1183.1 | 470.0 | 417.0 | 425.0 | 441.0 | 453.0 | 452.0 | 439.0 | 437.0 |
| 64° | 3904.2 | 3090.1 | 1137.1 | 452.0 | 412.0 | 425.0 | 448.0 | 466.0 | 466.0 | 451.0 | 451.0 |
| 65° | 3822.2 | 3014.1 | 1103.0 | 443.0 | 407.0 | 425.0 | 452.0 | 474.0 | 472.0 | 460.0 | 458.0 |
| 67.5° | 3574.2 | 2767.1 | 959.0 | 423.0 | 396.0 | 425.0 | 463.0 | 487.0 | 490.0 | 480.0 | 476.0 |
| 70° | 3271.1 | 2497.1 | 834.0 | 400.0 | 385.0 | 420.0 | 463.0 | 495.0 | 500.0 | 489.0 | 486.0 |
| 72.5° | 2666.1 | 2008.1 | 688.0 | 375.0 | 369.0 | 408.0 | 457.0 | 491.0 | 496.0 | 483.0 | 479.0 |
| 75° | 2235.1 | 1640.1 | 570.0 | 351.0 | 352.0 | 393.0 | 442.0 | 473.0 | 473.0 | 459.0 | 453.0 |
| 77.5° | 1841.1 | 1324.1 | 472.0 | 328.0 | 332.0 | 374.0 | 415.0 | 435.0 | 429.0 | 416.0 | 408.0 |
| 80° | 1379.1 | 1000.0 | 389.0 | 303.0 | 307.0 | 343.0 | 377.0 | 391.0 | 385.0 | 369.0 | 367.0 |
| 82.5° | 1009.0 | 719.0 | 332.0 | 277.0 | 280.0 | 309.0 | 334.0 | 346.0 | 351.0 | 338.0 | 334.0 |
| 85° | 663.0 | 507.0 | 285.0 | 251.0 | 253.0 | 275.0 | 291.0 | 301.0 | 312.0 | 308.0 | 306.0 |
| 87.5° | 433.0 | 351.0 | 241.0 | 221.0 | 223.0 | 241.0 | 252.0 | 262.0 | 284.0 | 287.0 | 283.0 |
| 90° | 291.0 | 246.0 | 199.0 | 191.0 | 194.0 | 209.0 | 215.0 | 225.0 | 249.0 | 253.0 | 253.0 |
| 92.5° | 195.0 | 176.0 | 161.0 | 161.0 | 166.0 | 179.0 | 180.0 | 183.0 | 203.0 | 208.0 | 206.0 |
| 95° | 137.0 | 131.0 | 130.0 | 132.0 | 138.0 | 148.0 | 143.0 | 141.0 | 154.0 | 155.0 | 153.0 |
| 97.5° | 105.0 | 103.0 | 105.0 | 108.0 | 111.0 | 121.0 | 116.0 | 111.0 | 117.0 | 115.0 | 117.0 |
| 100° | 84.0 | 83.0 | 86.0 | 86.0 | 89.0 | 98.0 | 94.0 | 91.0 | 92.0 | 88.0 | 88.0 |
| 102.5° | 67.0 | 67.0 | 70.0 | 71.0 | 73.0 | 80.0 | 79.0 | 76.0 | 74.0 | 70.0 | 71.0 |
| 105° | 52.0 | 53.0 | 57.0 | 58.0 | 61.0 | 67.0 | 66.0 | 62.0 | 60.0 | 55.0 | 56.0 |
| 107.5° | 42.0 | 44.0 | 47.0 | 48.0 | 51.0 | 56.0 | 54.0 | 50.0 | 47.0 | 45.0 | 45.0 |



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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 35.0 | 36.0 | 39.0 | 40.0 | 43.0 | 47.0 | 46.0 | 41.0 | 37.0 | 36.0 | 37.0 |
| 112.5° | 29.0 | 31.0 | 33.0 | 34.0 | 37.0 | 40.0 | 37.0 | 33.0 | 30.0 | 31.0 | 31.0 |
| 115° | 25.0 | 26.0 | 28.0 | 29.0 | 31.0 | 34.0 | 31.0 | 27.0 | 25.0 | 26.0 | 27.0 |
| 117.5° | 23.0 | 24.0 | 25.0 | 25.0 | 27.0 | 29.0 | 26.0 | 23.0 | 22.0 | 23.0 | 24.0 |
| 120° | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 23.0 | 20.0 | 19.0 | 21.0 | 21.0 |
| 122.5° | 18.0 | 19.0 | 19.0 | 20.0 | 21.0 | 22.0 | 20.0 | 18.0 | 17.0 | 18.0 | 19.0 |
| 125° | 16.0 | 17.0 | 18.0 | 18.0 | 19.0 | 19.0 | 18.0 | 16.0 | 16.0 | 17.0 | 17.0 |
| 127.5° | 15.0 | 16.0 | 16.0 | 17.0 | 17.0 | 17.0 | 16.0 | 14.0 | 15.0 | 16.0 | 16.0 |
| 130° | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 14.0 | 13.0 | 14.0 | 15.0 | 15.0 |
| 132.5° | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 13.0 | 12.0 | 12.0 | 13.0 | 14.0 | 14.0 |
| 135° | 13.0 | 13.0 | 12.0 | 12.0 | 12.0 | 12.0 | 11.0 | 11.0 | 11.0 | 12.0 | 12.0 |
| 137.5° | 11.0 | 11.0 | 10.0 | 10.0 | 10.0 | 10.0 | 9.0 | 9.0 | 10.0 | 11.0 | 11.0 |
| 140° | 9.0 | 9.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 10.0 |
| 142.5° | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 8.0 |
| 145° | 6.0 | 6.0 | 6.0 | 5.0 | 5.0 | 6.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 |
| 147.5° | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | 5.0 | 5.0 | 5.0 | 6.0 | 5.0 | 5.0 |
| 150° | 5.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 152.5° | 4.0 | 4.0 | 4.0 | 3.0 | 2.0 | 2.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 |
| 155° | 4.0 | 4.0 | 3.0 | 3.0 | 2.0 | 1.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 |
| 157.5° | 3.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 |
| 160° | 3.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 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)