

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: P416024

Luminaire Tested: **LXF.LXT-PA1-60-760-U-T2R-A**

Issue Date: 10/26/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P416024  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1909-505-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 10/26/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA1-60-760-U-T2R-A  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 5700K, 800mA LIGHT ENGINE WITH 24 LEDS AND TYPE II ROADWAY OPTICS AND REFRACTOR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6891 lumens  
Efficiency: N/A  
Efficacy: 107.7 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')  
IES Classification: Type II - Medium - Non-Cutoff  
BUG Rating: B1 - U3 - G3

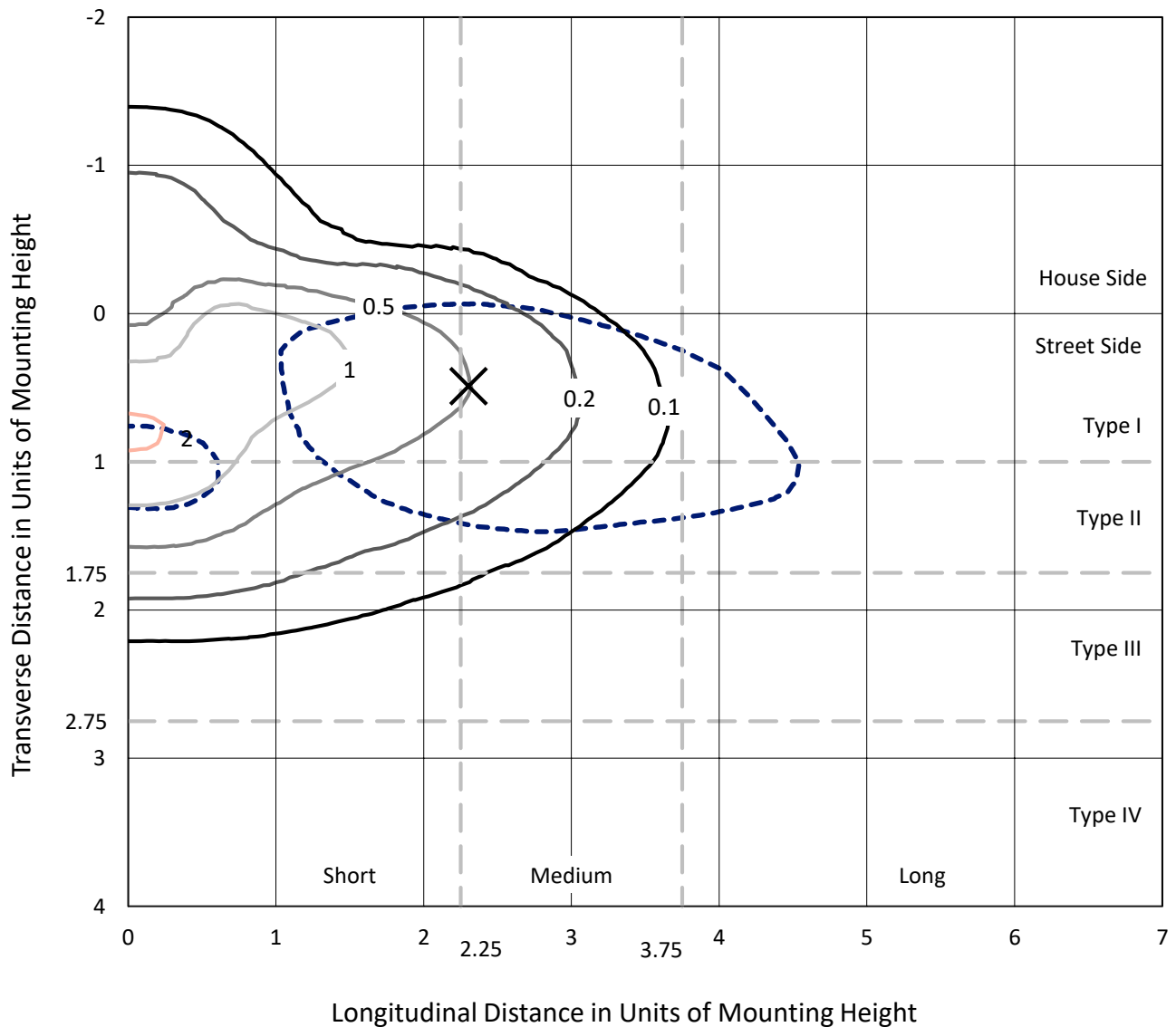
Input Watts (W): 64  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

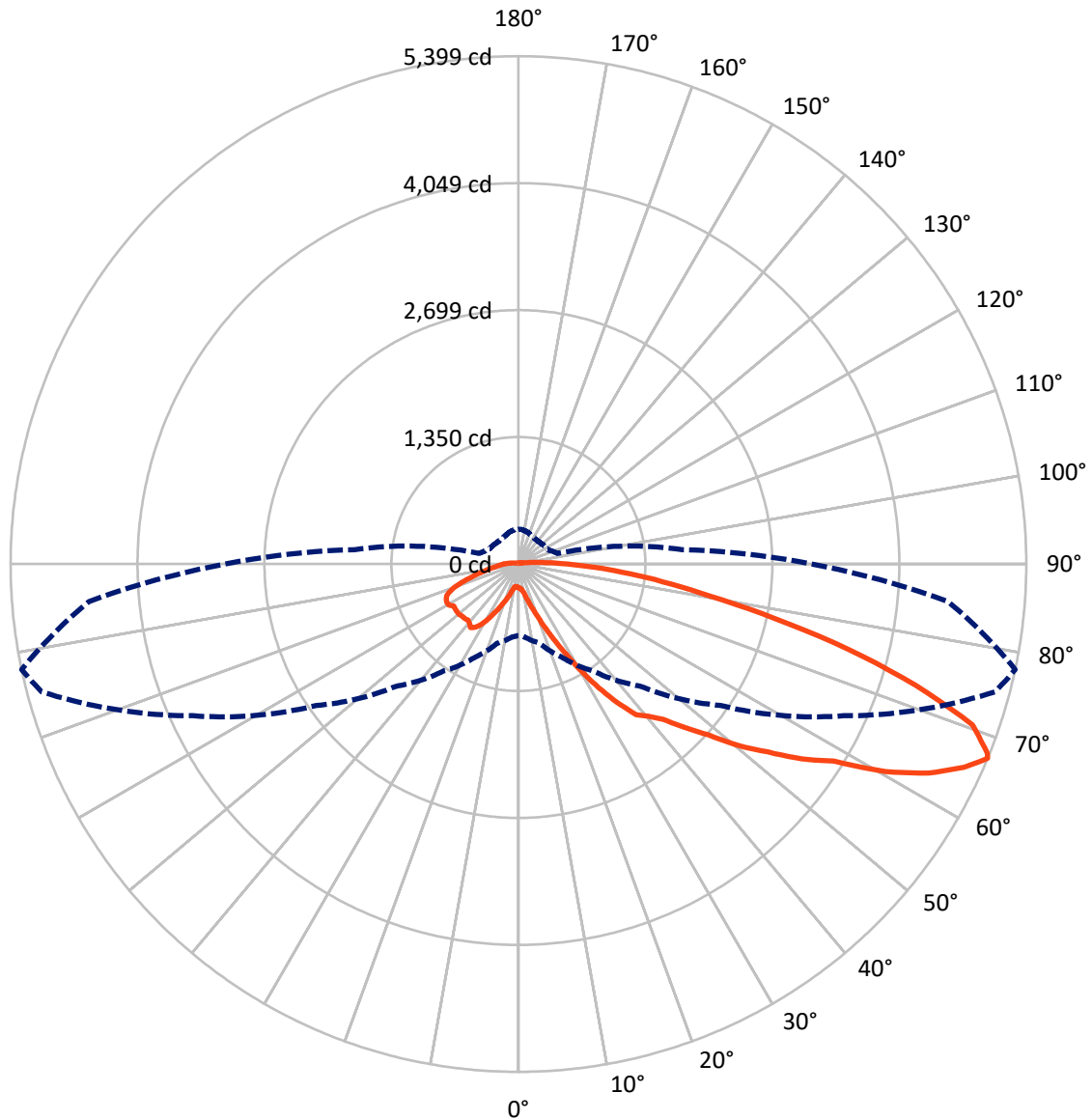
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.2 fc  
 Type II - Medium - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 78-Deg Lateral      - - - Horizontal Cone Through 67-Deg Vertical

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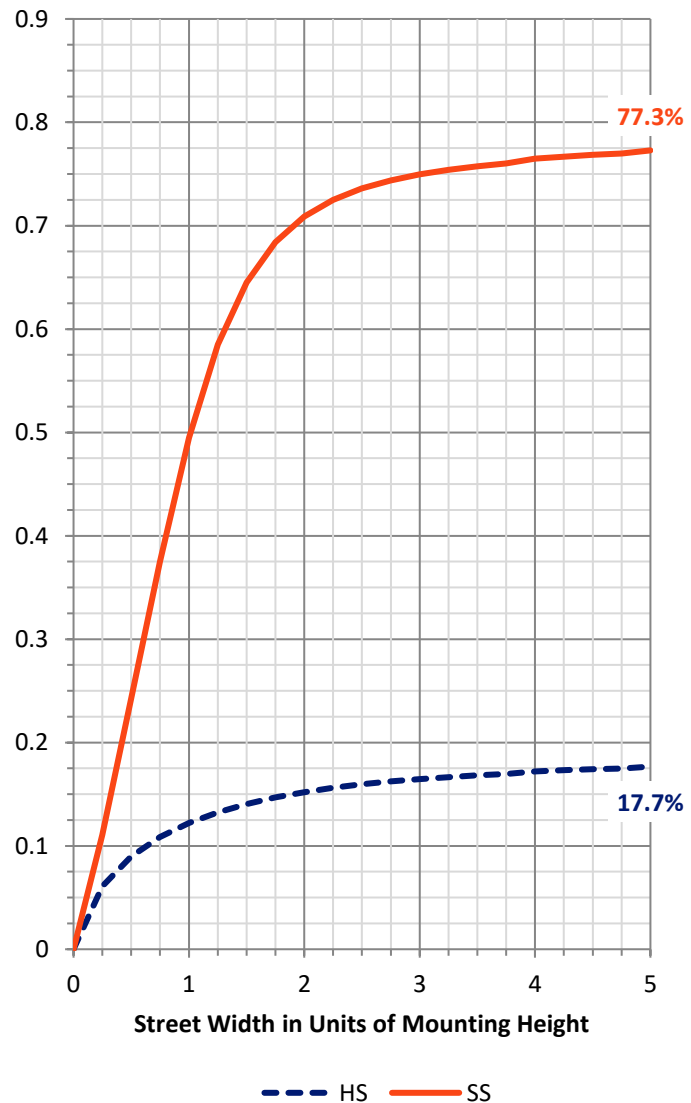
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1274.8   | 104.3  | 1379.1 |
|                    | % Fixture | 18.5     | 1.5    | 20.0   |
| <b>Street Side</b> | Lumens    | 5400.8   | 111.1  | 5511.9 |
|                    | % Fixture | 78.4     | 1.6    | 80.0   |
| <b>Total</b>       | Lumens    | 6675.7   | 215.3  | 6891.0 |
|                    | % Fixture | 96.9     | 3.1    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 25.3   | 0.4       |
| 10°-20°   | 107.2  | 1.6       |
| 20°-30°   | 321.5  | 4.7       |
| 30°-40°   | 736.0  | 10.7      |
| 40°-50°   | 1175.5 | 17.1      |
| 50°-60°   | 1448.8 | 21.0      |
| 60°-70°   | 1510.0 | 21.9      |
| 70°-80°   | 979.1  | 14.2      |
| 80°-90°   | 372.2  | 5.4       |
| 90°-100°  | 115.0  | 1.7       |
| 100°-110° | 44.2   | 0.6       |
| 110°-120° | 23.8   | 0.3       |
| 120°-130° | 15.8   | 0.2       |
| 130°-140° | 10.4   | 0.2       |
| 140°-150° | 4.7    | 0.1       |
| 150°-160° | 1.4    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 6675.7 | 96.9      |
| 0°-180°   | 6891.0 | 100.0     |



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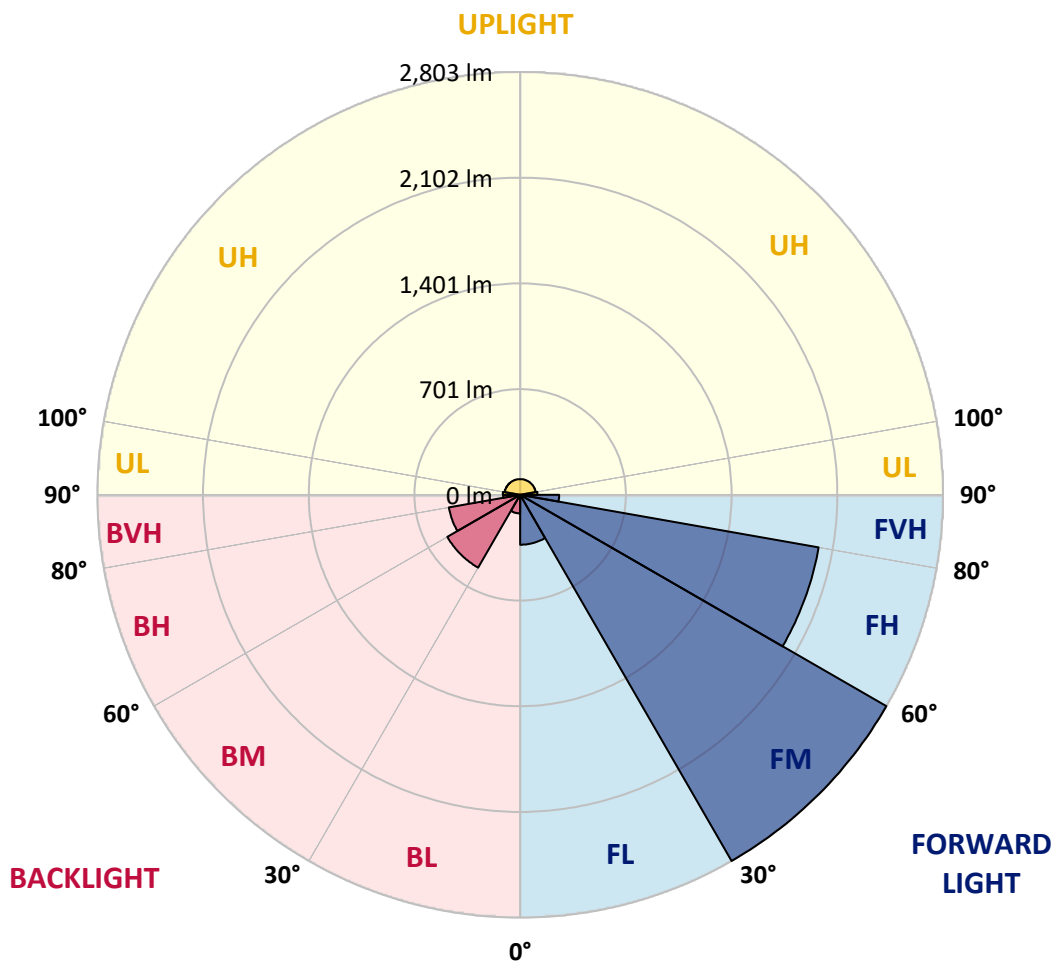
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|----------------|--------|-----------|-------------------------|--------|---------|
|                |        |           | B                       | U      | G       |
| FL (0°-30°)    | 330.9  | 4.8       |                         |        |         |
| FM (30°-60°)   | 2802.9 | 40.7      |                         |        |         |
| FH (60°-80°)   | 2008.8 | 29.2      |                         |        | G2/5000 |
| FVH (80°-90°)  | 258.2  | 3.7       |                         |        | G3/500  |
| BL (0°-30°)    | 123.1  | 1.8       | B1/500                  |        |         |
| BM (30°-60°)   | 557.4  | 8.1       | B1/1000                 |        |         |
| BH (60°-80°)   | 480.3  | 7.0       | B1/500                  |        | G1/500  |
| BVH (80°-90°)  | 114.0  | 1.7       |                         |        | G2/225  |
| UL (90°-100°)  | 115.0  | 1.7       |                         | U3/500 |         |
| UH (100°-180°) | 104.3  | 1.5       |                         | U3/500 |         |

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

Type II Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 78°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 251.2  | 251.2  | 251.2  | 251.2  | 251.2  | 251.2  | 251.2  | 251.2  | 251.2  | 251.2  | 251.2  |
| 2.5°   | 283.8  | 283.0  | 282.2  | 280.6  | 277.3  | 274.1  | 269.2  | 262.6  | 257.7  | 256.9  | 252.0  |
| 5°     | 319.7  | 317.3  | 317.3  | 313.2  | 306.7  | 300.2  | 290.4  | 279.0  | 270.0  | 265.1  | 257.7  |
| 7.5°   | 363.8  | 358.9  | 360.5  | 354.0  | 345.0  | 333.6  | 318.1  | 302.6  | 285.5  | 280.6  | 270.0  |
| 10°    | 416.8  | 413.5  | 410.3  | 402.1  | 391.5  | 373.6  | 358.9  | 336.0  | 313.2  | 306.7  | 290.4  |
| 12.5°  | 481.2  | 482.1  | 472.3  | 463.3  | 445.3  | 427.4  | 409.5  | 387.4  | 362.1  | 354.8  | 333.6  |
| 15°    | 571.8  | 571.0  | 560.4  | 540.0  | 517.9  | 498.4  | 483.7  | 460.0  | 435.6  | 427.4  | 395.6  |
| 17.5°  | 677.8  | 675.4  | 667.2  | 631.3  | 609.3  | 593.8  | 572.6  | 557.9  | 522.8  | 513.9  | 474.7  |
| 20°    | 832.8  | 818.1  | 799.3  | 751.2  | 718.6  | 699.0  | 681.9  | 663.1  | 625.6  | 610.1  | 563.6  |
| 22.5°  | 1004.9 | 1012.2 | 978.0  | 903.7  | 849.1  | 813.2  | 795.3  | 785.5  | 756.9  | 746.3  | 676.2  |
| 25°    | 1218.6 | 1218.6 | 1164.8 | 1083.2 | 1012.2 | 945.3  | 941.3  | 952.7  | 914.3  | 907.0  | 832.8  |
| 27.5°  | 1443.7 | 1452.7 | 1381.7 | 1294.4 | 1186.8 | 1108.5 | 1104.4 | 1114.2 | 1110.9 | 1089.7 | 983.7  |
| 30°    | 1700.6 | 1692.5 | 1612.5 | 1506.5 | 1363.8 | 1271.6 | 1260.2 | 1331.1 | 1336.9 | 1322.2 | 1206.3 |
| 32.5°  | 2000.0 | 1993.5 | 1893.1 | 1729.2 | 1553.0 | 1447.0 | 1454.3 | 1554.6 | 1593.8 | 1568.5 | 1433.1 |
| 35°    | 2363.8 | 2371.9 | 2214.5 | 1983.7 | 1751.2 | 1628.9 | 1637.0 | 1762.6 | 1836.0 | 1805.0 | 1652.5 |
| 37.5°  | 2737.3 | 2739.8 | 2595.4 | 2283.0 | 1964.1 | 1790.4 | 1809.9 | 1963.3 | 2057.9 | 2032.6 | 1823.0 |
| 40°    | 2973.9 | 2998.3 | 2859.7 | 2562.8 | 2188.4 | 1951.9 | 1968.2 | 2119.9 | 2175.3 | 2128.0 | 1881.7 |
| 42.5°  | 3181.0 | 3199.8 | 3058.7 | 2739.8 | 2358.9 | 2096.2 | 2090.5 | 2205.5 | 2285.5 | 2256.1 | 2002.4 |
| 45°    | 3283.0 | 3319.7 | 3192.5 | 2862.9 | 2478.8 | 2208.8 | 2164.7 | 2336.8 | 2514.7 | 2477.9 | 2198.2 |
| 47.5°  | 3208.8 | 3253.6 | 3199.8 | 2927.4 | 2532.6 | 2279.7 | 2289.5 | 2526.1 | 2756.1 | 2715.3 | 2411.9 |
| 50°    | 2966.5 | 3020.4 | 3038.3 | 2879.2 | 2546.5 | 2314.8 | 2419.2 | 2737.3 | 3045.6 | 3037.5 | 2674.5 |
| 52.5°  | 2674.5 | 2703.1 | 2781.4 | 2734.1 | 2495.1 | 2355.6 | 2559.5 | 2942.1 | 3344.2 | 3318.9 | 2892.3 |
| 55°    | 2404.5 | 2442.1 | 2506.5 | 2478.8 | 2367.8 | 2360.5 | 2670.4 | 3170.4 | 3661.5 | 3658.2 | 3166.4 |
| 57.5°  | 2032.6 | 2084.8 | 2220.2 | 2235.7 | 2203.1 | 2330.3 | 2751.2 | 3349.9 | 3942.0 | 3953.5 | 3441.2 |
| 60°    | 1560.3 | 1604.4 | 1809.9 | 1973.9 | 2002.4 | 2259.4 | 2792.0 | 3547.3 | 4421.6 | 4481.2 | 3921.7 |
| 62.5°  | 1265.1 | 1273.2 | 1429.0 | 1633.7 | 1827.9 | 2129.7 | 2798.5 | 3796.9 | 4840.9 | 4894.7 | 4209.6 |
| 65°    | 947.0  | 945.3  | 1088.9 | 1322.2 | 1592.2 | 1978.0 | 2778.1 | 3875.2 | 5068.5 | 5206.3 | 4484.5 |
| 67°    | 761.0  | 778.9  | 871.1  | 1093.0 | 1388.2 | 1836.0 | 2619.9 | 3817.2 | 5247.1 | 5398.8 | 4584.8 |
| 67.5°  | 731.6  | 740.6  | 824.6  | 1034.2 | 1341.7 | 1793.6 | 2573.4 | 3802.6 | 5246.3 | 5375.1 | 4554.6 |
| 70°    | 584.0  | 596.2  | 657.4  | 796.1  | 1073.4 | 1515.5 | 2246.3 | 3461.6 | 4935.5 | 5123.1 | 4278.1 |
| 72.5°  | 451.1  | 460.8  | 504.1  | 609.3  | 817.3  | 1220.2 | 1858.1 | 2978.8 | 4274.0 | 4422.5 | 3627.2 |
| 75°    | 343.4  | 346.7  | 387.4  | 459.2  | 624.0  | 930.7  | 1434.7 | 2345.8 | 3514.6 | 3627.2 | 2947.8 |
| 77.5°  | 265.9  | 273.2  | 304.2  | 352.4  | 463.3  | 700.6  | 1079.9 | 1827.1 | 2796.1 | 2778.9 | 2241.4 |
| 80°    | 207.2  | 213.7  | 236.5  | 270.0  | 347.5  | 514.7  | 790.4  | 1350.7 | 2042.4 | 2062.8 | 1641.1 |
| 82.5°  | 166.4  | 171.3  | 186.8  | 211.3  | 267.5  | 391.5  | 577.5  | 1009.8 | 1553.0 | 1545.7 | 1203.1 |
| 85°    | 133.0  | 136.2  | 147.6  | 168.8  | 206.4  | 296.9  | 426.6  | 750.4  | 1096.2 | 1105.2 | 821.4  |
| 87.5°  | 103.6  | 107.7  | 120.7  | 133.8  | 163.1  | 225.9  | 314.8  | 520.4  | 729.2  | 736.5  | 564.4  |
| 90°    | 80.7   | 83.2   | 94.6   | 108.5  | 132.1  | 171.3  | 227.6  | 356.4  | 469.8  | 460.8  | 363.0  |
| 92.5°  | 59.5   | 62.0   | 72.6   | 85.6   | 102.8  | 132.1  | 163.9  | 228.4  | 274.9  | 280.6  | 226.8  |
| 95°    | 42.4   | 44.9   | 53.8   | 63.6   | 78.3   | 100.3  | 116.6  | 145.2  | 168.8  | 163.9  | 145.2  |
| 97.5°  | 32.6   | 33.4   | 40.0   | 47.3   | 59.5   | 77.5   | 86.5   | 100.3  | 110.9  | 108.5  | 101.1  |
| 100°   | 26.1   | 26.9   | 31.8   | 35.9   | 46.5   | 61.2   | 69.3   | 76.7   | 83.2   | 80.7   | 77.5   |
| 102.5° | 22.0   | 22.8   | 26.1   | 29.4   | 38.3   | 51.4   | 56.3   | 61.2   | 63.6   | 63.6   | 62.0   |
| 105°   | 18.8   | 19.6   | 22.0   | 25.3   | 32.6   | 42.4   | 45.7   | 48.1   | 50.6   | 49.8   | 49.8   |
| 107.5° | 17.1   | 17.1   | 19.6   | 22.0   | 28.5   | 35.9   | 37.5   | 38.3   | 39.2   | 39.2   | 40.8   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°  | 65°  | 75°  | 78°  | 85°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110°   | 15.5 | 16.3 | 17.9 | 19.6 | 25.3 | 31.8 | 31.8 | 31.0 | 31.0 | 31.0 | 33.4 |
| 112.5° | 14.7 | 15.5 | 16.3 | 18.8 | 23.7 | 27.7 | 26.9 | 25.3 | 25.3 | 26.1 | 28.5 |
| 115°   | 14.7 | 14.7 | 15.5 | 17.9 | 22.0 | 25.3 | 23.7 | 21.2 | 21.2 | 22.0 | 24.5 |
| 117.5° | 14.7 | 14.7 | 16.3 | 17.9 | 21.2 | 22.8 | 21.2 | 18.8 | 17.9 | 18.8 | 21.2 |
| 120°   | 15.5 | 15.5 | 16.3 | 17.9 | 19.6 | 21.2 | 19.6 | 17.1 | 16.3 | 17.1 | 19.6 |
| 122.5° | 16.3 | 16.3 | 16.3 | 17.9 | 18.8 | 19.6 | 17.9 | 15.5 | 14.7 | 15.5 | 17.9 |
| 125°   | 17.1 | 17.1 | 17.1 | 17.9 | 18.8 | 17.9 | 16.3 | 14.7 | 14.7 | 14.7 | 17.1 |
| 127.5° | 18.8 | 18.8 | 18.8 | 18.8 | 17.9 | 17.1 | 15.5 | 13.9 | 14.7 | 14.7 | 16.3 |
| 130°   | 20.4 | 20.4 | 19.6 | 18.8 | 17.9 | 16.3 | 14.7 | 13.1 | 13.9 | 14.7 | 16.3 |
| 132.5° | 21.2 | 20.4 | 19.6 | 17.9 | 17.1 | 14.7 | 13.1 | 12.2 | 13.1 | 13.9 | 15.5 |
| 135°   | 19.6 | 19.6 | 17.9 | 16.3 | 15.5 | 13.1 | 11.4 | 11.4 | 12.2 | 13.1 | 13.9 |
| 137.5° | 17.1 | 17.1 | 16.3 | 14.7 | 13.9 | 12.2 | 10.6 | 9.8  | 11.4 | 12.2 | 13.1 |
| 140°   | 14.7 | 14.7 | 13.9 | 12.2 | 11.4 | 10.6 | 9.0  | 8.2  | 9.8  | 10.6 | 11.4 |
| 142.5° | 12.2 | 12.2 | 11.4 | 9.8  | 9.8  | 9.0  | 7.3  | 7.3  | 9.0  | 9.0  | 9.8  |
| 145°   | 9.8  | 9.8  | 9.8  | 8.2  | 8.2  | 7.3  | 5.7  | 6.5  | 7.3  | 8.2  | 8.2  |
| 147.5° | 8.2  | 8.2  | 8.2  | 6.5  | 6.5  | 5.7  | 4.1  | 4.9  | 5.7  | 6.5  | 6.5  |
| 150°   | 6.5  | 6.5  | 6.5  | 5.7  | 4.9  | 4.1  | 3.3  | 4.1  | 4.1  | 4.9  | 4.9  |
| 152.5° | 4.9  | 4.9  | 4.9  | 4.1  | 4.1  | 2.4  | 2.4  | 3.3  | 3.3  | 4.1  | 4.1  |
| 155°   | 3.3  | 3.3  | 4.1  | 3.3  | 2.4  | 1.6  | 2.4  | 2.4  | 3.3  | 3.3  | 3.3  |
| 157.5° | 2.4  | 2.4  | 2.4  | 1.6  | 1.6  | 1.6  | 1.6  | 1.6  | 2.4  | 2.4  | 2.4  |
| 160°   | 0.8  | 0.8  | 1.6  | 1.6  | 1.6  | 1.6  | 1.6  | 1.6  | 1.6  | 1.6  | 1.6  |
| 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°     | 251.2  | 251.2  | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 |
| 2.5°   | 249.6  | 248.0  | 243.9 | 239.8 | 235.7 | 232.5 | 228.4 | 227.6 | 227.6 | 225.9 | 225.9 |
| 5°     | 252.9  | 248.0  | 238.2 | 230.0 | 221.0 | 213.7 | 208.0 | 205.5 | 203.1 | 201.5 | 199.8 |
| 7.5°   | 260.2  | 252.0  | 235.7 | 222.7 | 209.6 | 198.2 | 190.0 | 186.0 | 183.5 | 181.1 | 181.9 |
| 10°    | 277.3  | 265.1  | 241.4 | 220.2 | 200.7 | 185.2 | 175.4 | 170.5 | 168.8 | 166.4 | 166.4 |
| 12.5°  | 314.0  | 297.7  | 263.5 | 227.6 | 197.4 | 176.2 | 164.8 | 163.1 | 164.8 | 167.2 | 167.2 |
| 15°    | 371.9  | 347.5  | 297.7 | 248.0 | 204.7 | 174.5 | 168.0 | 172.9 | 178.6 | 181.9 | 181.9 |
| 17.5°  | 442.9  | 409.5  | 338.5 | 271.6 | 215.3 | 189.2 | 181.1 | 187.6 | 194.9 | 199.8 | 199.8 |
| 20°    | 521.2  | 476.3  | 380.1 | 292.0 | 230.8 | 209.6 | 200.7 | 206.4 | 216.1 | 223.5 | 222.7 |
| 22.5°  | 623.2  | 557.9  | 428.2 | 309.9 | 249.6 | 228.4 | 222.7 | 230.0 | 244.7 | 254.5 | 255.3 |
| 25°    | 749.6  | 659.9  | 484.5 | 333.6 | 266.7 | 244.7 | 246.3 | 259.4 | 279.0 | 289.6 | 289.6 |
| 27.5°  | 884.2  | 770.8  | 532.6 | 357.3 | 284.7 | 261.8 | 270.0 | 287.9 | 309.1 | 321.4 | 323.0 |
| 30°    | 1062.0 | 913.5  | 593.0 | 380.9 | 300.2 | 279.0 | 288.7 | 309.9 | 325.4 | 332.8 | 333.6 |
| 32.5°  | 1243.1 | 1048.9 | 641.1 | 405.4 | 314.8 | 291.2 | 300.2 | 320.6 | 334.4 | 342.6 | 341.8 |
| 35°    | 1407.0 | 1158.2 | 669.6 | 416.8 | 327.9 | 300.2 | 304.2 | 326.3 | 334.4 | 339.3 | 338.5 |
| 37.5°  | 1532.6 | 1236.5 | 680.3 | 419.2 | 332.8 | 304.2 | 305.9 | 324.6 | 336.0 | 345.0 | 343.4 |
| 40°    | 1553.8 | 1225.9 | 640.3 | 404.6 | 332.0 | 304.2 | 307.5 | 328.7 | 340.9 | 345.0 | 344.2 |
| 42.5°  | 1632.1 | 1255.3 | 606.0 | 378.5 | 322.2 | 303.4 | 310.8 | 330.3 | 336.0 | 333.6 | 331.2 |
| 45°    | 1768.3 | 1317.3 | 596.2 | 365.4 | 309.9 | 301.0 | 312.4 | 326.3 | 325.4 | 320.6 | 318.9 |
| 47.5°  | 1902.9 | 1376.8 | 575.0 | 359.7 | 306.7 | 300.2 | 311.6 | 321.4 | 323.8 | 318.9 | 317.3 |
| 50°    | 2074.2 | 1455.9 | 557.9 | 351.5 | 307.5 | 300.2 | 309.9 | 321.4 | 323.0 | 314.8 | 314.0 |
| 52.5°  | 2227.5 | 1510.6 | 532.6 | 344.2 | 308.3 | 302.6 | 309.9 | 321.4 | 322.2 | 314.0 | 312.4 |
| 55°    | 2387.4 | 1568.5 | 506.5 | 336.9 | 310.8 | 305.1 | 312.4 | 322.2 | 323.0 | 317.3 | 315.7 |
| 57.5°  | 2547.3 | 1619.1 | 477.2 | 331.2 | 313.2 | 309.9 | 314.0 | 323.0 | 329.5 | 327.9 | 327.9 |
| 60°    | 2873.5 | 1764.3 | 472.3 | 332.0 | 315.7 | 314.0 | 315.7 | 327.1 | 339.3 | 335.2 | 336.0 |
| 62.5°  | 3002.4 | 1795.2 | 463.3 | 342.6 | 323.0 | 317.3 | 318.1 | 330.3 | 343.4 | 349.1 | 348.3 |
| 65°    | 3119.9 | 1797.7 | 445.3 | 349.9 | 332.0 | 319.7 | 319.7 | 331.2 | 353.2 | 366.2 | 366.2 |
| 67°    | 3113.3 | 1748.8 | 432.3 | 350.7 | 336.0 | 322.2 | 318.9 | 331.2 | 354.0 | 368.7 | 369.5 |
| 67.5°  | 3075.8 | 1716.9 | 427.4 | 350.7 | 336.9 | 322.2 | 318.1 | 330.3 | 354.0 | 369.5 | 369.5 |
| 70°    | 2849.9 | 1549.7 | 395.6 | 341.8 | 334.4 | 318.1 | 313.2 | 322.2 | 349.1 | 370.3 | 370.3 |
| 72.5°  | 2360.5 | 1275.7 | 350.7 | 319.7 | 318.9 | 307.5 | 300.2 | 309.9 | 336.0 | 358.1 | 357.3 |
| 75°    | 1907.8 | 1019.6 | 305.9 | 287.1 | 295.3 | 287.1 | 281.4 | 288.7 | 314.0 | 336.0 | 334.4 |
| 77.5°  | 1425.8 | 765.9  | 264.3 | 256.1 | 267.5 | 261.8 | 256.9 | 264.3 | 288.7 | 309.9 | 306.7 |
| 80°    | 1053.8 | 590.5  | 230.0 | 226.8 | 234.9 | 233.3 | 231.6 | 234.9 | 256.1 | 270.0 | 267.5 |
| 82.5°  | 775.7  | 449.4  | 198.2 | 195.8 | 205.5 | 205.5 | 205.5 | 208.0 | 223.5 | 228.4 | 225.9 |
| 85°    | 551.4  | 338.5  | 174.5 | 168.0 | 176.2 | 180.3 | 182.7 | 183.5 | 191.7 | 192.5 | 186.8 |
| 87.5°  | 388.3  | 266.7  | 156.6 | 142.7 | 146.8 | 155.8 | 159.9 | 159.1 | 162.3 | 159.9 | 154.2 |
| 90°    | 270.8  | 209.6  | 141.9 | 121.5 | 121.5 | 130.5 | 137.0 | 136.2 | 137.0 | 130.5 | 124.8 |
| 92.5°  | 190.9  | 158.2  | 119.9 | 100.3 | 98.7  | 107.7 | 113.4 | 112.6 | 112.6 | 106.0 | 100.3 |
| 95°    | 128.1  | 116.6  | 95.4  | 80.7  | 78.3  | 85.6  | 91.4  | 89.7  | 89.7  | 83.2  | 80.7  |
| 97.5°  | 94.6   | 88.9   | 78.3  | 68.5  | 63.6  | 67.7  | 71.8  | 71.8  | 72.6  | 68.5  | 66.1  |
| 100°   | 74.2   | 71.8   | 66.9  | 58.7  | 53.8  | 54.6  | 57.1  | 57.1  | 60.4  | 57.1  | 55.5  |
| 102.5° | 62.0   | 60.4   | 56.3  | 50.6  | 46.5  | 45.7  | 47.3  | 48.1  | 52.2  | 49.8  | 48.9  |
| 105°   | 51.4   | 50.6   | 48.1  | 43.2  | 40.0  | 40.0  | 40.0  | 40.8  | 44.9  | 43.2  | 43.2  |
| 107.5° | 41.6   | 41.6   | 41.6  | 37.5  | 35.1  | 35.1  | 34.3  | 35.1  | 38.3  | 38.3  | 38.3  |



REPORT NUMBER: P416024

CATALOG NUMBER: LXF.LXT-PA1-60-760-U-T2R-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110°   | 35.1 | 35.1 | 35.9 | 32.6 | 31.0 | 31.0 | 30.2 | 31.0 | 34.3 | 35.1 | 35.1 |
| 112.5° | 30.2 | 30.2 | 31.0 | 29.4 | 27.7 | 27.7 | 26.9 | 26.9 | 30.2 | 32.6 | 32.6 |
| 115°   | 26.1 | 26.9 | 26.9 | 26.1 | 25.3 | 24.5 | 23.7 | 24.5 | 27.7 | 30.2 | 30.2 |
| 117.5° | 22.8 | 23.7 | 24.5 | 23.7 | 22.8 | 22.0 | 21.2 | 22.0 | 25.3 | 28.5 | 28.5 |
| 120°   | 20.4 | 21.2 | 22.0 | 22.0 | 21.2 | 20.4 | 18.8 | 20.4 | 22.8 | 26.1 | 26.9 |
| 122.5° | 18.8 | 19.6 | 19.6 | 19.6 | 19.6 | 17.9 | 17.1 | 17.9 | 20.4 | 23.7 | 24.5 |
| 125°   | 17.9 | 17.9 | 18.8 | 18.8 | 17.9 | 16.3 | 15.5 | 16.3 | 17.9 | 20.4 | 21.2 |
| 127.5° | 17.1 | 17.1 | 17.9 | 17.9 | 16.3 | 14.7 | 13.9 | 14.7 | 16.3 | 17.9 | 17.9 |
| 130°   | 17.1 | 17.1 | 17.1 | 16.3 | 15.5 | 13.9 | 12.2 | 13.1 | 14.7 | 16.3 | 16.3 |
| 132.5° | 16.3 | 15.5 | 15.5 | 15.5 | 13.9 | 12.2 | 11.4 | 11.4 | 13.1 | 14.7 | 14.7 |
| 135°   | 14.7 | 14.7 | 13.9 | 13.9 | 13.1 | 10.6 | 9.8  | 9.8  | 11.4 | 13.1 | 13.1 |
| 137.5° | 13.1 | 13.1 | 12.2 | 12.2 | 11.4 | 9.8  | 8.2  | 9.0  | 10.6 | 10.6 | 11.4 |
| 140°   | 11.4 | 11.4 | 10.6 | 10.6 | 9.8  | 8.2  | 6.5  | 7.3  | 9.0  | 9.0  | 9.8  |
| 142.5° | 9.8  | 9.8  | 9.8  | 9.0  | 8.2  | 6.5  | 5.7  | 6.5  | 8.2  | 8.2  | 8.2  |
| 145°   | 8.2  | 8.2  | 8.2  | 7.3  | 6.5  | 4.9  | 4.1  | 5.7  | 7.3  | 6.5  | 6.5  |
| 147.5° | 6.5  | 6.5  | 6.5  | 6.5  | 4.9  | 4.1  | 3.3  | 4.9  | 5.7  | 5.7  | 5.7  |
| 150°   | 4.9  | 4.9  | 4.9  | 4.9  | 4.1  | 2.4  | 2.4  | 4.1  | 4.9  | 4.9  | 4.9  |
| 152.5° | 4.1  | 4.1  | 4.1  | 4.9  | 4.1  | 1.6  | 1.6  | 3.3  | 4.1  | 4.1  | 4.1  |
| 155°   | 3.3  | 3.3  | 4.1  | 4.1  | 3.3  | 1.6  | 0.8  | 2.4  | 3.3  | 3.3  | 3.3  |
| 157.5° | 2.4  | 2.4  | 3.3  | 3.3  | 2.4  | 1.6  | 0.8  | 1.6  | 3.3  | 2.4  | 2.4  |
| 160°   | 1.6  | 2.4  | 2.4  | 2.4  | 2.4  | 1.6  | 0.0  | 1.6  | 2.4  | 1.6  | 1.6  |
| 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)