

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: P416908

Luminaire Tested: **LXF.LXT-PA1-80-827-U-T2R-A**

Issue Date: 10/26/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P416908  
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-PA1-80-827-U-T2R-A  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 80 CRI, 2700K, 1050mA 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: 6210 lumens  
Efficiency: N/A  
Efficacy: 74.8 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

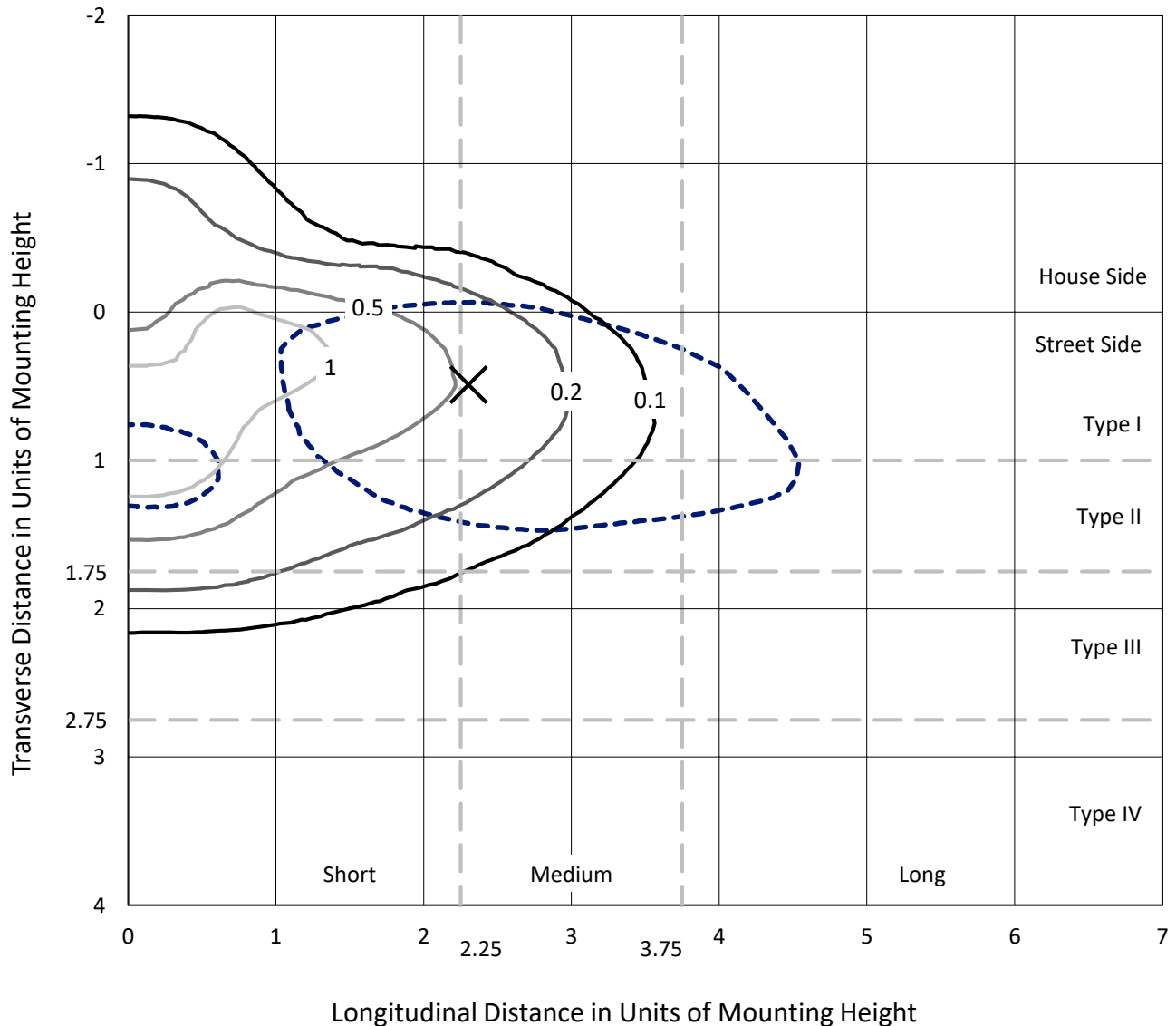
Input Watts (W): 83  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

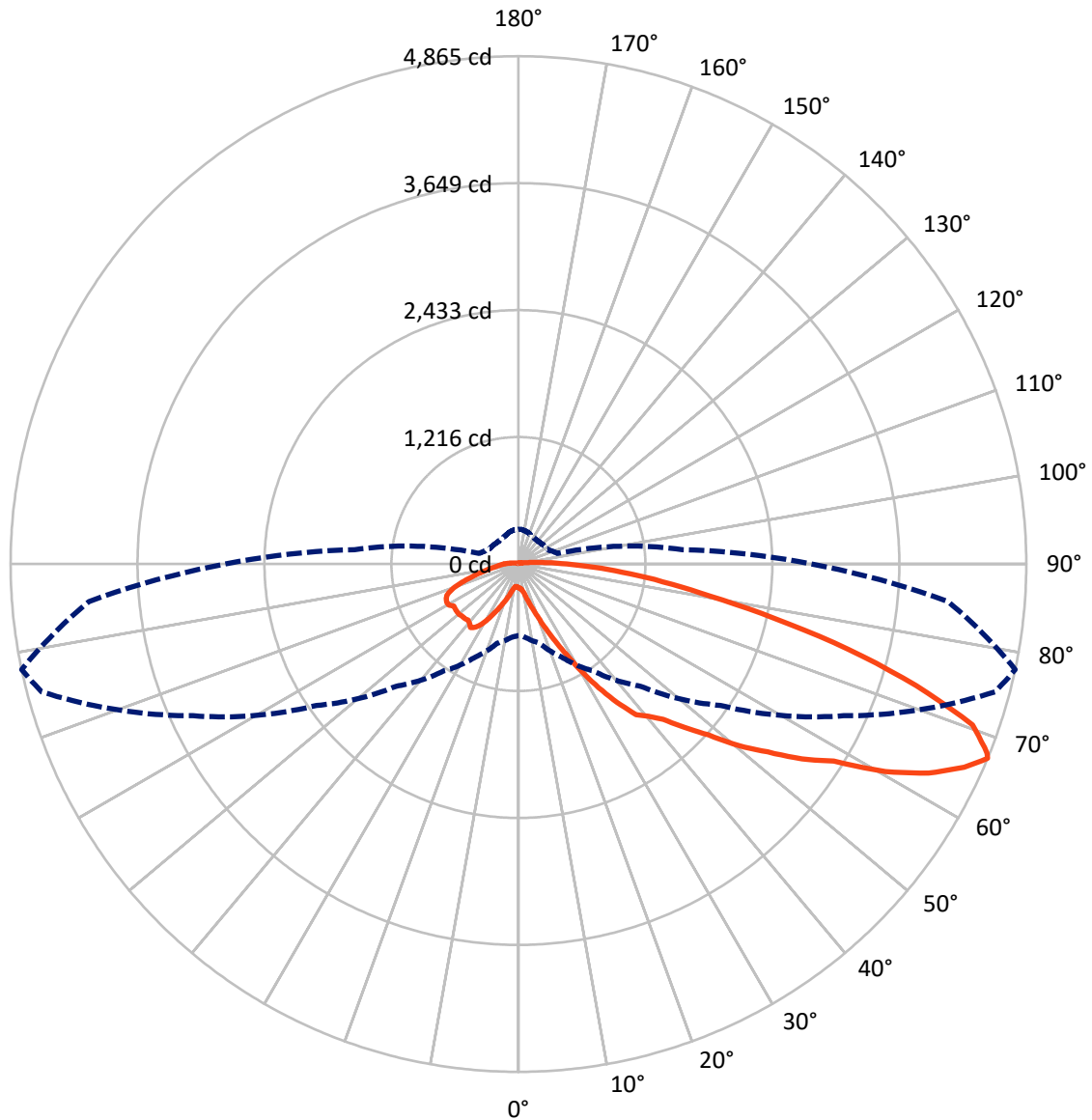
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 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    | 1148.8   | 94.0   | 1242.8 |
|                    | % Fixture | 18.5     | 1.5    | 20.0   |
| <b>Street Side</b> | Lumens    | 4867.1   | 100.1  | 4967.2 |
|                    | % Fixture | 78.4     | 1.6    | 80.0   |
| <b>Total</b>       | Lumens    | 6015.9   | 194.1  | 6210.0 |
|                    | % Fixture | 96.9     | 3.1    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 22.8   | 0.4       |
| 10°-20°   | 96.6   | 1.6       |
| 20°-30°   | 289.8  | 4.7       |
| 30°-40°   | 663.3  | 10.7      |
| 40°-50°   | 1059.4 | 17.1      |
| 50°-60°   | 1305.6 | 21.0      |
| 60°-70°   | 1360.8 | 21.9      |
| 70°-80°   | 882.3  | 14.2      |
| 80°-90°   | 335.4  | 5.4       |
| 90°-100°  | 103.6  | 1.7       |
| 100°-110° | 39.8   | 0.6       |
| 110°-120° | 21.5   | 0.3       |
| 120°-130° | 14.2   | 0.2       |
| 130°-140° | 9.4    | 0.2       |
| 140°-150° | 4.2    | 0.1       |
| 150°-160° | 1.3    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 6015.9 | 96.9      |
| 0°-180°   | 6210.0 | 100.0     |

**Coefficient of Utilization**



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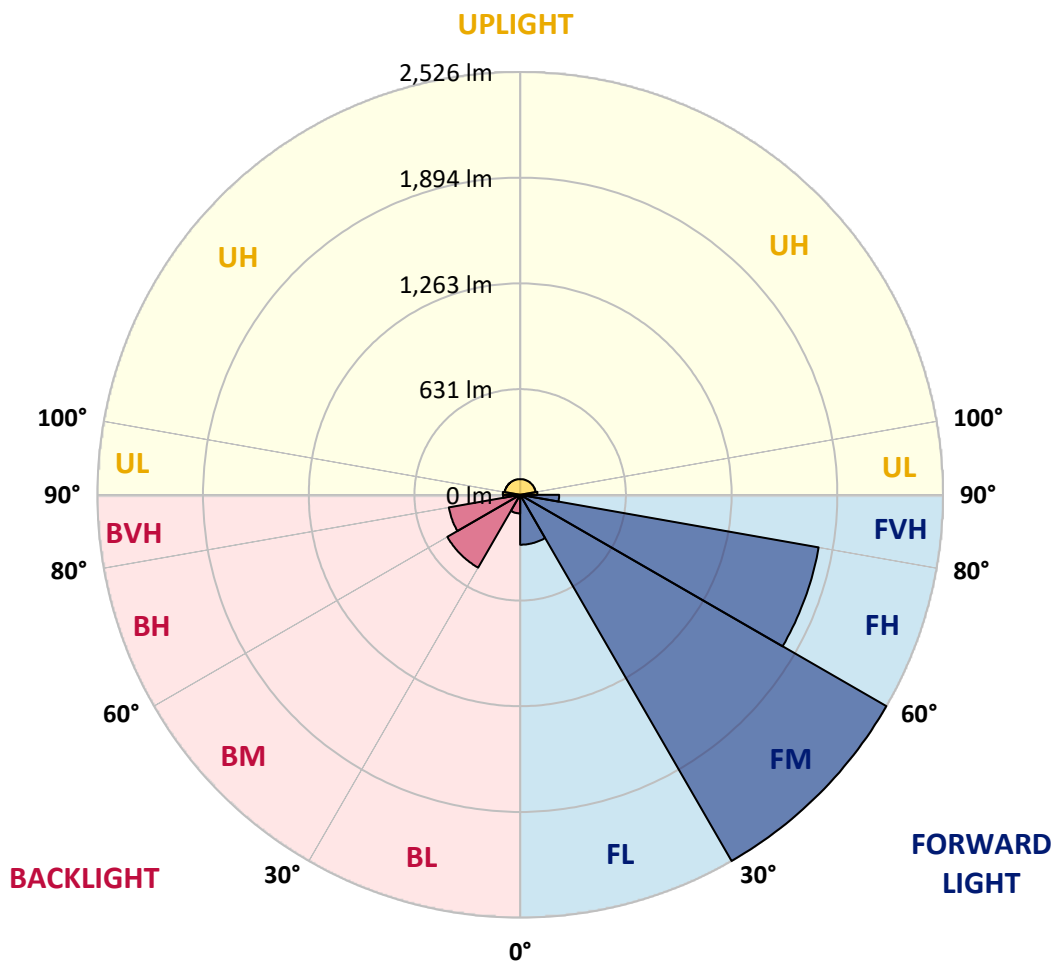
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 298.2  | 4.8       |                         |        |         |
| FM   | (30°-60°)   | 2525.9 | 40.7      |                         |        |         |
| FH   | (60°-80°)   | 1810.3 | 29.2      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 232.7  | 3.7       |                         |        | G3/500  |
| BL   | (0°-30°)    | 111.0  | 1.8       | B1/500                  |        |         |
| BM   | (30°-60°)   | 502.3  | 8.1       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 432.8  | 7.0       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 102.8  | 1.7       |                         |        | G2/225  |
| UL   | (90°-100°)  | 103.6  | 1.7       |                         | U3/500 |         |
| UH   | (100°-180°) | 94.0   | 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°     | 226.4  | 226.4  | 226.4  | 226.4  | 226.4  | 226.4  | 226.4  | 226.4  | 226.4  | 226.4  | 226.4  |
| 2.5°   | 255.8  | 255.1  | 254.3  | 252.9  | 249.9  | 247.0  | 242.6  | 236.7  | 232.3  | 231.5  | 227.1  |
| 5°     | 288.1  | 285.9  | 285.9  | 282.3  | 276.4  | 270.5  | 261.7  | 251.4  | 243.3  | 238.9  | 232.3  |
| 7.5°   | 327.8  | 323.4  | 324.9  | 319.0  | 310.9  | 300.6  | 286.7  | 272.7  | 257.3  | 252.9  | 243.3  |
| 10°    | 375.6  | 372.7  | 369.7  | 362.4  | 352.8  | 336.7  | 323.4  | 302.8  | 282.3  | 276.4  | 261.7  |
| 12.5°  | 433.7  | 434.4  | 425.6  | 417.5  | 401.3  | 385.2  | 369.0  | 349.1  | 326.4  | 319.7  | 300.6  |
| 15°    | 515.3  | 514.5  | 505.0  | 486.6  | 466.8  | 449.1  | 435.9  | 414.6  | 392.5  | 385.2  | 356.5  |
| 17.5°  | 610.8  | 608.6  | 601.3  | 568.9  | 549.1  | 535.1  | 516.0  | 502.8  | 471.2  | 463.1  | 427.8  |
| 20°    | 750.5  | 737.3  | 720.3  | 677.0  | 647.6  | 629.9  | 614.5  | 597.6  | 563.8  | 549.8  | 507.9  |
| 22.5°  | 905.6  | 912.2  | 881.3  | 814.4  | 765.2  | 732.8  | 716.7  | 707.8  | 682.1  | 672.6  | 609.4  |
| 25°    | 1098.2 | 1098.2 | 1049.6 | 976.1  | 912.2  | 851.9  | 848.2  | 858.5  | 824.0  | 817.4  | 750.5  |
| 27.5°  | 1301.0 | 1309.1 | 1245.2 | 1166.5 | 1069.5 | 998.9  | 995.3  | 1004.1 | 1001.1 | 982.0  | 886.5  |
| 30°    | 1532.6 | 1525.2 | 1453.2 | 1357.6 | 1229.0 | 1145.9 | 1135.6 | 1199.6 | 1204.7 | 1191.5 | 1087.1 |
| 32.5°  | 1802.3 | 1796.5 | 1706.0 | 1558.3 | 1399.5 | 1304.0 | 1310.6 | 1401.0 | 1436.3 | 1413.5 | 1291.5 |
| 35°    | 2130.2 | 2137.5 | 1995.6 | 1787.6 | 1578.1 | 1467.9 | 1475.2 | 1588.4 | 1654.6 | 1626.7 | 1489.2 |
| 37.5°  | 2466.8 | 2469.0 | 2338.9 | 2057.4 | 1770.0 | 1613.4 | 1631.1 | 1769.3 | 1854.5 | 1831.7 | 1642.8 |
| 40°    | 2680.0 | 2702.0 | 2577.1 | 2309.5 | 1972.1 | 1759.0 | 1773.7 | 1910.4 | 1960.4 | 1917.7 | 1695.7 |
| 42.5°  | 2866.7 | 2883.6 | 2756.4 | 2469.0 | 2125.8 | 1889.1 | 1883.9 | 1987.6 | 2059.6 | 2033.1 | 1804.5 |
| 45°    | 2958.6 | 2991.6 | 2877.0 | 2580.0 | 2233.8 | 1990.5 | 1950.8 | 2105.9 | 2266.1 | 2233.1 | 1980.9 |
| 47.5°  | 2891.7 | 2932.1 | 2883.6 | 2638.1 | 2282.3 | 2054.5 | 2063.3 | 2276.4 | 2483.7 | 2447.0 | 2173.5 |
| 50°    | 2673.4 | 2721.9 | 2738.0 | 2594.7 | 2294.8 | 2086.1 | 2180.1 | 2466.8 | 2744.7 | 2737.3 | 2410.2 |
| 52.5°  | 2410.2 | 2435.9 | 2506.5 | 2463.9 | 2248.5 | 2122.8 | 2306.6 | 2651.3 | 3013.7 | 2990.9 | 2606.5 |
| 55°    | 2166.9 | 2200.7 | 2258.8 | 2233.8 | 2133.8 | 2127.2 | 2406.5 | 2857.1 | 3299.6 | 3296.7 | 2853.4 |
| 57.5°  | 1831.7 | 1878.8 | 2000.8 | 2014.8 | 1985.4 | 2100.0 | 2479.3 | 3018.8 | 3552.5 | 3562.8 | 3101.2 |
| 60°    | 1406.1 | 1445.8 | 1631.1 | 1778.8 | 1804.5 | 2036.1 | 2516.1 | 3196.7 | 3984.7 | 4038.3 | 3534.1 |
| 62.5°  | 1140.1 | 1147.4 | 1287.8 | 1472.3 | 1647.2 | 1919.2 | 2521.9 | 3421.6 | 4362.5 | 4411.0 | 3793.6 |
| 65°    | 853.4  | 851.9  | 981.3  | 1191.5 | 1434.8 | 1782.5 | 2503.6 | 3492.2 | 4567.6 | 4691.8 | 4041.3 |
| 67°    | 685.8  | 702.0  | 785.0  | 985.0  | 1251.0 | 1654.6 | 2361.0 | 3440.0 | 4728.5 | 4865.3 | 4131.7 |
| 67.5°  | 659.3  | 667.4  | 743.1  | 932.0  | 1209.1 | 1616.4 | 2319.1 | 3426.8 | 4727.8 | 4843.9 | 4104.5 |
| 70°    | 526.3  | 537.3  | 592.4  | 717.4  | 967.3  | 1365.7 | 2024.3 | 3119.5 | 4447.8 | 4616.8 | 3855.3 |
| 72.5°  | 406.5  | 415.3  | 454.3  | 549.1  | 736.5  | 1099.6 | 1674.4 | 2684.4 | 3851.6 | 3985.4 | 3268.7 |
| 75°    | 309.5  | 312.4  | 349.1  | 413.8  | 562.3  | 838.7  | 1292.9 | 2114.0 | 3167.3 | 3268.7 | 2656.5 |
| 77.5°  | 239.6  | 246.2  | 274.2  | 317.5  | 417.5  | 631.4  | 973.2  | 1646.5 | 2519.7 | 2504.3 | 2019.9 |
| 80°    | 186.7  | 192.6  | 213.2  | 243.3  | 313.1  | 463.8  | 712.3  | 1217.2 | 1840.6 | 1858.9 | 1478.9 |
| 82.5°  | 149.9  | 154.4  | 168.3  | 190.4  | 241.1  | 352.8  | 520.4  | 910.0  | 1399.5 | 1392.9 | 1084.2 |
| 85°    | 119.8  | 122.8  | 133.0  | 152.2  | 186.0  | 267.6  | 384.4  | 676.2  | 987.9  | 996.0  | 740.2  |
| 87.5°  | 93.4   | 97.0   | 108.8  | 120.5  | 147.0  | 203.6  | 283.7  | 469.0  | 657.1  | 663.7  | 508.7  |
| 90°    | 72.8   | 75.0   | 85.3   | 97.8   | 119.1  | 154.4  | 205.1  | 321.2  | 423.4  | 415.3  | 327.1  |
| 92.5°  | 53.7   | 55.9   | 65.4   | 77.2   | 92.6   | 119.1  | 147.7  | 205.8  | 247.7  | 252.9  | 204.3  |
| 95°    | 38.2   | 40.4   | 48.5   | 57.3   | 70.6   | 90.4   | 105.1  | 130.8  | 152.2  | 147.7  | 130.8  |
| 97.5°  | 29.4   | 30.1   | 36.0   | 42.6   | 53.7   | 69.8   | 77.9   | 90.4   | 100.0  | 97.8   | 91.1   |
| 100°   | 23.5   | 24.3   | 28.7   | 32.3   | 41.9   | 55.1   | 62.5   | 69.1   | 75.0   | 72.8   | 69.8   |
| 102.5° | 19.8   | 20.6   | 23.5   | 26.5   | 34.5   | 46.3   | 50.7   | 55.1   | 57.3   | 57.3   | 55.9   |
| 105°   | 16.9   | 17.6   | 19.8   | 22.8   | 29.4   | 38.2   | 41.2   | 43.4   | 45.6   | 44.8   | 44.8   |
| 107.5° | 15.4   | 15.4   | 17.6   | 19.8   | 25.7   | 32.3   | 33.8   | 34.5   | 35.3   | 35.3   | 36.8   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°  | 65°  | 75°  | 78°  | 85°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110°   | 14.0 | 14.7 | 16.2 | 17.6 | 22.8 | 28.7 | 28.7 | 27.9 | 27.9 | 27.9 | 30.1 |
| 112.5° | 13.2 | 14.0 | 14.7 | 16.9 | 21.3 | 25.0 | 24.3 | 22.8 | 22.8 | 23.5 | 25.7 |
| 115°   | 13.2 | 13.2 | 14.0 | 16.2 | 19.8 | 22.8 | 21.3 | 19.1 | 19.1 | 19.8 | 22.1 |
| 117.5° | 13.2 | 13.2 | 14.7 | 16.2 | 19.1 | 20.6 | 19.1 | 16.9 | 16.2 | 16.9 | 19.1 |
| 120°   | 14.0 | 14.0 | 14.7 | 16.2 | 17.6 | 19.1 | 17.6 | 15.4 | 14.7 | 15.4 | 17.6 |
| 122.5° | 14.7 | 14.7 | 14.7 | 16.2 | 16.9 | 17.6 | 16.2 | 14.0 | 13.2 | 14.0 | 16.2 |
| 125°   | 15.4 | 15.4 | 15.4 | 16.2 | 16.9 | 16.2 | 14.7 | 13.2 | 13.2 | 13.2 | 15.4 |
| 127.5° | 16.9 | 16.9 | 16.9 | 16.9 | 16.2 | 15.4 | 14.0 | 12.5 | 13.2 | 13.2 | 14.7 |
| 130°   | 18.4 | 18.4 | 17.6 | 16.9 | 16.2 | 14.7 | 13.2 | 11.8 | 12.5 | 13.2 | 14.7 |
| 132.5° | 19.1 | 18.4 | 17.6 | 16.2 | 15.4 | 13.2 | 11.8 | 11.0 | 11.8 | 12.5 | 14.0 |
| 135°   | 17.6 | 17.6 | 16.2 | 14.7 | 14.0 | 11.8 | 10.3 | 10.3 | 11.0 | 11.8 | 12.5 |
| 137.5° | 15.4 | 15.4 | 14.7 | 13.2 | 12.5 | 11.0 | 9.6  | 8.8  | 10.3 | 11.0 | 11.8 |
| 140°   | 13.2 | 13.2 | 12.5 | 11.0 | 10.3 | 9.6  | 8.1  | 7.4  | 8.8  | 9.6  | 10.3 |
| 142.5° | 11.0 | 11.0 | 10.3 | 8.8  | 8.8  | 8.1  | 6.6  | 6.6  | 8.1  | 8.1  | 8.8  |
| 145°   | 8.8  | 8.8  | 8.8  | 7.4  | 7.4  | 6.6  | 5.1  | 5.9  | 6.6  | 7.4  | 7.4  |
| 147.5° | 7.4  | 7.4  | 7.4  | 5.9  | 5.9  | 5.1  | 3.7  | 4.4  | 5.1  | 5.9  | 5.9  |
| 150°   | 5.9  | 5.9  | 5.9  | 5.1  | 4.4  | 3.7  | 2.9  | 3.7  | 3.7  | 4.4  | 4.4  |
| 152.5° | 4.4  | 4.4  | 4.4  | 3.7  | 3.7  | 2.2  | 2.2  | 2.9  | 2.9  | 3.7  | 3.7  |
| 155°   | 2.9  | 2.9  | 3.7  | 2.9  | 2.2  | 1.5  | 2.2  | 2.2  | 2.9  | 2.9  | 2.9  |
| 157.5° | 2.2  | 2.2  | 2.2  | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 2.2  | 2.2  | 2.2  |
| 160°   | 0.7  | 0.7  | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  |
| 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°     | 226.4  | 226.4  | 226.4 | 226.4 | 226.4 | 226.4 | 226.4 | 226.4 | 226.4 | 226.4 | 226.4 |
| 2.5°   | 224.9  | 223.5  | 219.8 | 216.1 | 212.4 | 209.5 | 205.8 | 205.1 | 205.1 | 203.6 | 203.6 |
| 5°     | 227.9  | 223.5  | 214.6 | 207.3 | 199.2 | 192.6 | 187.4 | 185.2 | 183.0 | 181.6 | 180.1 |
| 7.5°   | 234.5  | 227.1  | 212.4 | 200.7 | 188.9 | 178.6 | 171.3 | 167.6 | 165.4 | 163.2 | 163.9 |
| 10°    | 249.9  | 238.9  | 217.6 | 198.5 | 180.8 | 166.9 | 158.0 | 153.6 | 152.2 | 149.9 | 149.9 |
| 12.5°  | 283.0  | 268.3  | 237.4 | 205.1 | 177.9 | 158.8 | 148.5 | 147.0 | 148.5 | 150.7 | 150.7 |
| 15°    | 335.2  | 313.1  | 268.3 | 223.5 | 184.5 | 157.3 | 151.4 | 155.8 | 161.0 | 163.9 | 163.9 |
| 17.5°  | 399.1  | 369.0  | 305.0 | 244.8 | 194.1 | 170.5 | 163.2 | 169.1 | 175.7 | 180.1 | 180.1 |
| 20°    | 469.7  | 429.3  | 342.5 | 263.1 | 208.0 | 188.9 | 180.8 | 186.0 | 194.8 | 201.4 | 200.7 |
| 22.5°  | 561.6  | 502.8  | 385.9 | 279.3 | 224.9 | 205.8 | 200.7 | 207.3 | 220.5 | 229.3 | 230.1 |
| 25°    | 675.5  | 594.7  | 436.6 | 300.6 | 240.4 | 220.5 | 222.0 | 233.7 | 251.4 | 260.9 | 260.9 |
| 27.5°  | 796.8  | 694.6  | 480.0 | 321.9 | 256.5 | 235.9 | 243.3 | 259.5 | 278.6 | 289.6 | 291.1 |
| 30°    | 957.0  | 823.3  | 534.4 | 343.3 | 270.5 | 251.4 | 260.2 | 279.3 | 293.3 | 299.9 | 300.6 |
| 32.5°  | 1120.2 | 945.3  | 577.7 | 365.3 | 283.7 | 262.4 | 270.5 | 288.9 | 301.4 | 308.7 | 308.0 |
| 35°    | 1268.0 | 1043.8 | 603.5 | 375.6 | 295.5 | 270.5 | 274.2 | 294.0 | 301.4 | 305.8 | 305.0 |
| 37.5°  | 1381.1 | 1114.3 | 613.0 | 377.8 | 299.9 | 274.2 | 275.6 | 292.5 | 302.8 | 310.9 | 309.5 |
| 40°    | 1400.3 | 1104.8 | 577.0 | 364.6 | 299.2 | 274.2 | 277.1 | 296.2 | 307.2 | 310.9 | 310.2 |
| 42.5°  | 1470.8 | 1131.2 | 546.1 | 341.1 | 290.3 | 273.4 | 280.1 | 297.7 | 302.8 | 300.6 | 298.4 |
| 45°    | 1593.6 | 1187.1 | 537.3 | 329.3 | 279.3 | 271.2 | 281.5 | 294.0 | 293.3 | 288.9 | 287.4 |
| 47.5°  | 1714.9 | 1240.8 | 518.2 | 324.2 | 276.4 | 270.5 | 280.8 | 289.6 | 291.8 | 287.4 | 285.9 |
| 50°    | 1869.2 | 1312.1 | 502.8 | 316.8 | 277.1 | 270.5 | 279.3 | 289.6 | 291.1 | 283.7 | 283.0 |
| 52.5°  | 2007.4 | 1361.3 | 480.0 | 310.2 | 277.8 | 272.7 | 279.3 | 289.6 | 290.3 | 283.0 | 281.5 |
| 55°    | 2151.5 | 1413.5 | 456.5 | 303.6 | 280.1 | 274.9 | 281.5 | 290.3 | 291.1 | 285.9 | 284.5 |
| 57.5°  | 2295.5 | 1459.1 | 430.0 | 298.4 | 282.3 | 279.3 | 283.0 | 291.1 | 297.0 | 295.5 | 295.5 |
| 60°    | 2589.6 | 1589.9 | 425.6 | 299.2 | 284.5 | 283.0 | 284.5 | 294.8 | 305.8 | 302.1 | 302.8 |
| 62.5°  | 2705.7 | 1617.8 | 417.5 | 308.7 | 291.1 | 285.9 | 286.7 | 297.7 | 309.5 | 314.6 | 313.9 |
| 65°    | 2811.5 | 1620.0 | 401.3 | 315.3 | 299.2 | 288.1 | 288.1 | 298.4 | 318.3 | 330.0 | 330.0 |
| 67°    | 2805.7 | 1575.9 | 389.6 | 316.1 | 302.8 | 290.3 | 287.4 | 298.4 | 319.0 | 332.2 | 333.0 |
| 67.5°  | 2771.9 | 1547.3 | 385.2 | 316.1 | 303.6 | 290.3 | 286.7 | 297.7 | 319.0 | 333.0 | 333.0 |
| 70°    | 2568.2 | 1396.6 | 356.5 | 308.0 | 301.4 | 286.7 | 282.3 | 290.3 | 314.6 | 333.7 | 333.7 |
| 72.5°  | 2127.2 | 1149.6 | 316.1 | 288.1 | 287.4 | 277.1 | 270.5 | 279.3 | 302.8 | 322.7 | 321.9 |
| 75°    | 1719.3 | 918.8  | 275.6 | 258.7 | 266.1 | 258.7 | 253.6 | 260.2 | 283.0 | 302.8 | 301.4 |
| 77.5°  | 1284.9 | 690.2  | 238.2 | 230.8 | 241.1 | 235.9 | 231.5 | 238.2 | 260.2 | 279.3 | 276.4 |
| 80°    | 949.7  | 532.2  | 207.3 | 204.3 | 211.7 | 210.2 | 208.8 | 211.7 | 230.8 | 243.3 | 241.1 |
| 82.5°  | 699.0  | 405.0  | 178.6 | 176.4 | 185.2 | 185.2 | 185.2 | 187.4 | 201.4 | 205.8 | 203.6 |
| 85°    | 496.9  | 305.0  | 157.3 | 151.4 | 158.8 | 162.4 | 164.7 | 165.4 | 172.7 | 173.5 | 168.3 |
| 87.5°  | 349.9  | 240.4  | 141.1 | 128.6 | 132.3 | 140.4 | 144.1 | 143.3 | 146.3 | 144.1 | 138.9 |
| 90°    | 244.0  | 188.9  | 127.9 | 109.5 | 109.5 | 117.6 | 123.5 | 122.8 | 123.5 | 117.6 | 112.5 |
| 92.5°  | 172.0  | 142.6  | 108.1 | 90.4  | 88.9  | 97.0  | 102.2 | 101.4 | 101.4 | 95.6  | 90.4  |
| 95°    | 115.4  | 105.1  | 86.0  | 72.8  | 70.6  | 77.2  | 82.3  | 80.9  | 80.9  | 75.0  | 72.8  |
| 97.5°  | 85.3   | 80.1   | 70.6  | 61.7  | 57.3  | 61.0  | 64.7  | 64.7  | 65.4  | 61.7  | 59.5  |
| 100°   | 66.9   | 64.7   | 60.3  | 52.9  | 48.5  | 49.2  | 51.5  | 51.5  | 54.4  | 51.5  | 50.0  |
| 102.5° | 55.9   | 54.4   | 50.7  | 45.6  | 41.9  | 41.2  | 42.6  | 43.4  | 47.0  | 44.8  | 44.1  |
| 105°   | 46.3   | 45.6   | 43.4  | 39.0  | 36.0  | 36.0  | 36.0  | 36.8  | 40.4  | 39.0  | 39.0  |
| 107.5° | 37.5   | 37.5   | 37.5  | 33.8  | 31.6  | 31.6  | 30.9  | 31.6  | 34.5  | 34.5  | 34.5  |



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CATALOG NUMBER: LXF.LXT-PA1-80-827-U-T2R-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110°   | 31.6 | 31.6 | 32.3 | 29.4 | 27.9 | 27.9 | 27.2 | 27.9 | 30.9 | 31.6 | 31.6 |
| 112.5° | 27.2 | 27.2 | 27.9 | 26.5 | 25.0 | 25.0 | 24.3 | 24.3 | 27.2 | 29.4 | 29.4 |
| 115°   | 23.5 | 24.3 | 24.3 | 23.5 | 22.8 | 22.1 | 21.3 | 22.1 | 25.0 | 27.2 | 27.2 |
| 117.5° | 20.6 | 21.3 | 22.1 | 21.3 | 20.6 | 19.8 | 19.1 | 19.8 | 22.8 | 25.7 | 25.7 |
| 120°   | 18.4 | 19.1 | 19.8 | 19.8 | 19.1 | 18.4 | 16.9 | 18.4 | 20.6 | 23.5 | 24.3 |
| 122.5° | 16.9 | 17.6 | 17.6 | 17.6 | 17.6 | 16.2 | 15.4 | 16.2 | 18.4 | 21.3 | 22.1 |
| 125°   | 16.2 | 16.2 | 16.9 | 16.9 | 16.2 | 14.7 | 14.0 | 14.7 | 16.2 | 18.4 | 19.1 |
| 127.5° | 15.4 | 15.4 | 16.2 | 16.2 | 14.7 | 13.2 | 12.5 | 13.2 | 14.7 | 16.2 | 16.2 |
| 130°   | 15.4 | 15.4 | 15.4 | 14.7 | 14.0 | 12.5 | 11.0 | 11.8 | 13.2 | 14.7 | 14.7 |
| 132.5° | 14.7 | 14.0 | 14.0 | 14.0 | 12.5 | 11.0 | 10.3 | 10.3 | 11.8 | 13.2 | 13.2 |
| 135°   | 13.2 | 13.2 | 12.5 | 12.5 | 11.8 | 9.6  | 8.8  | 8.8  | 10.3 | 11.8 | 11.8 |
| 137.5° | 11.8 | 11.8 | 11.0 | 11.0 | 10.3 | 8.8  | 7.4  | 8.1  | 9.6  | 9.6  | 10.3 |
| 140°   | 10.3 | 10.3 | 9.6  | 9.6  | 8.8  | 7.4  | 5.9  | 6.6  | 8.1  | 8.1  | 8.8  |
| 142.5° | 8.8  | 8.8  | 8.8  | 8.1  | 7.4  | 5.9  | 5.1  | 5.9  | 7.4  | 7.4  | 7.4  |
| 145°   | 7.4  | 7.4  | 7.4  | 6.6  | 5.9  | 4.4  | 3.7  | 5.1  | 6.6  | 5.9  | 5.9  |
| 147.5° | 5.9  | 5.9  | 5.9  | 5.9  | 4.4  | 3.7  | 2.9  | 4.4  | 5.1  | 5.1  | 5.1  |
| 150°   | 4.4  | 4.4  | 4.4  | 4.4  | 3.7  | 2.2  | 2.2  | 3.7  | 4.4  | 4.4  | 4.4  |
| 152.5° | 3.7  | 3.7  | 3.7  | 4.4  | 3.7  | 1.5  | 1.5  | 2.9  | 3.7  | 3.7  | 3.7  |
| 155°   | 2.9  | 2.9  | 3.7  | 3.7  | 2.9  | 1.5  | 0.7  | 2.2  | 2.9  | 2.9  | 2.9  |
| 157.5° | 2.2  | 2.2  | 2.9  | 2.9  | 2.2  | 1.5  | 0.7  | 1.5  | 2.9  | 2.2  | 2.2  |
| 160°   | 1.5  | 2.2  | 2.2  | 2.2  | 2.2  | 1.5  | 0.0  | 1.5  | 2.2  | 1.5  | 1.5  |
| 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)