

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: P416728

Luminaire Tested: **LXF.LXT-PA1-80-730-U-T4W-CL**

Issue Date: 10/26/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P416728  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1907-433-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 10/26/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA1-80-730-U-T4W-CL  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 3000K, 1050mA LIGHT ENGINE WITH 24 LEDS AND TYPE IV WIDE OPTICS AND CLEAR LENS PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8195 lumens  
Efficiency: N/A  
Efficacy: 98.7 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 - 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

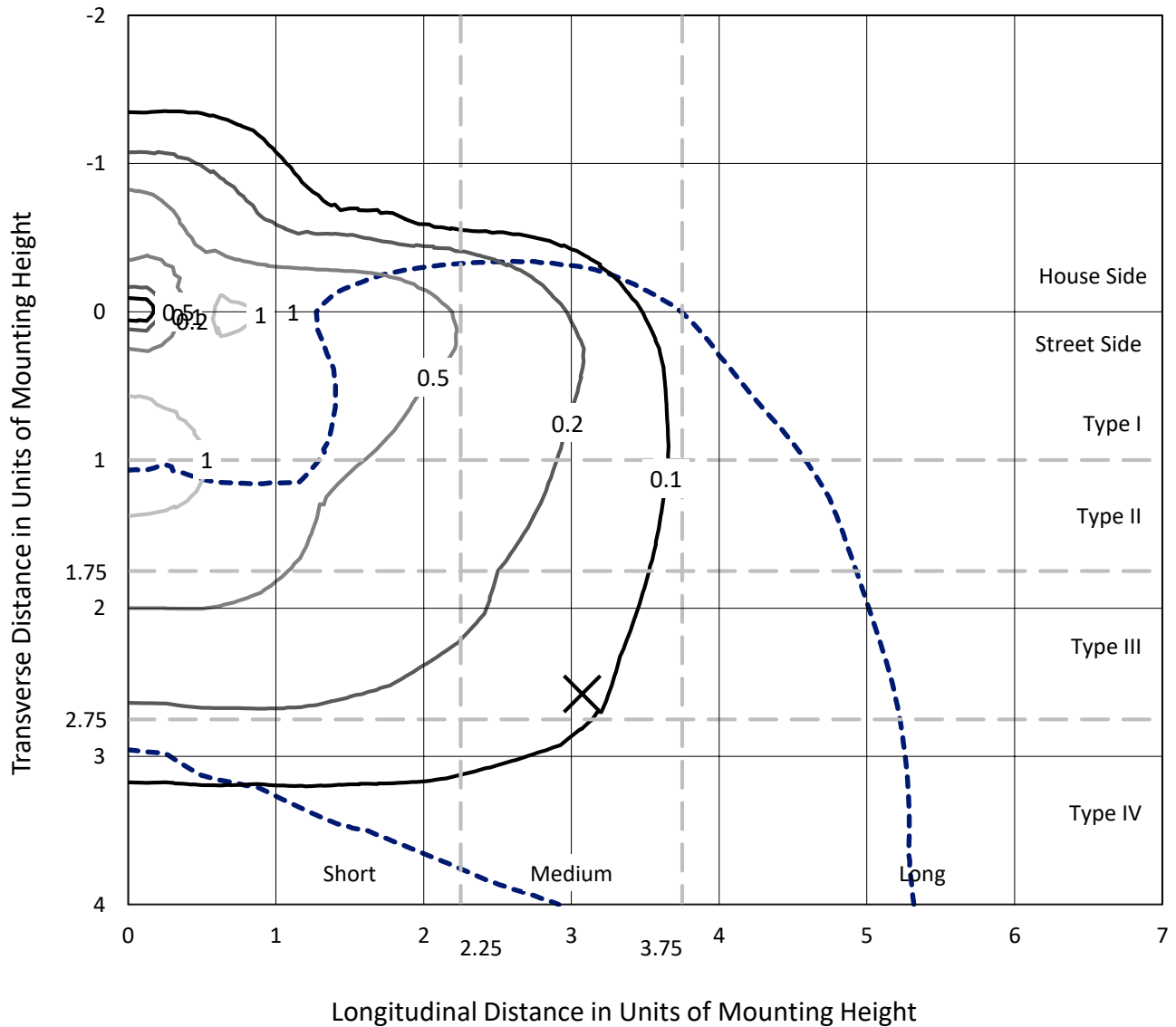


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

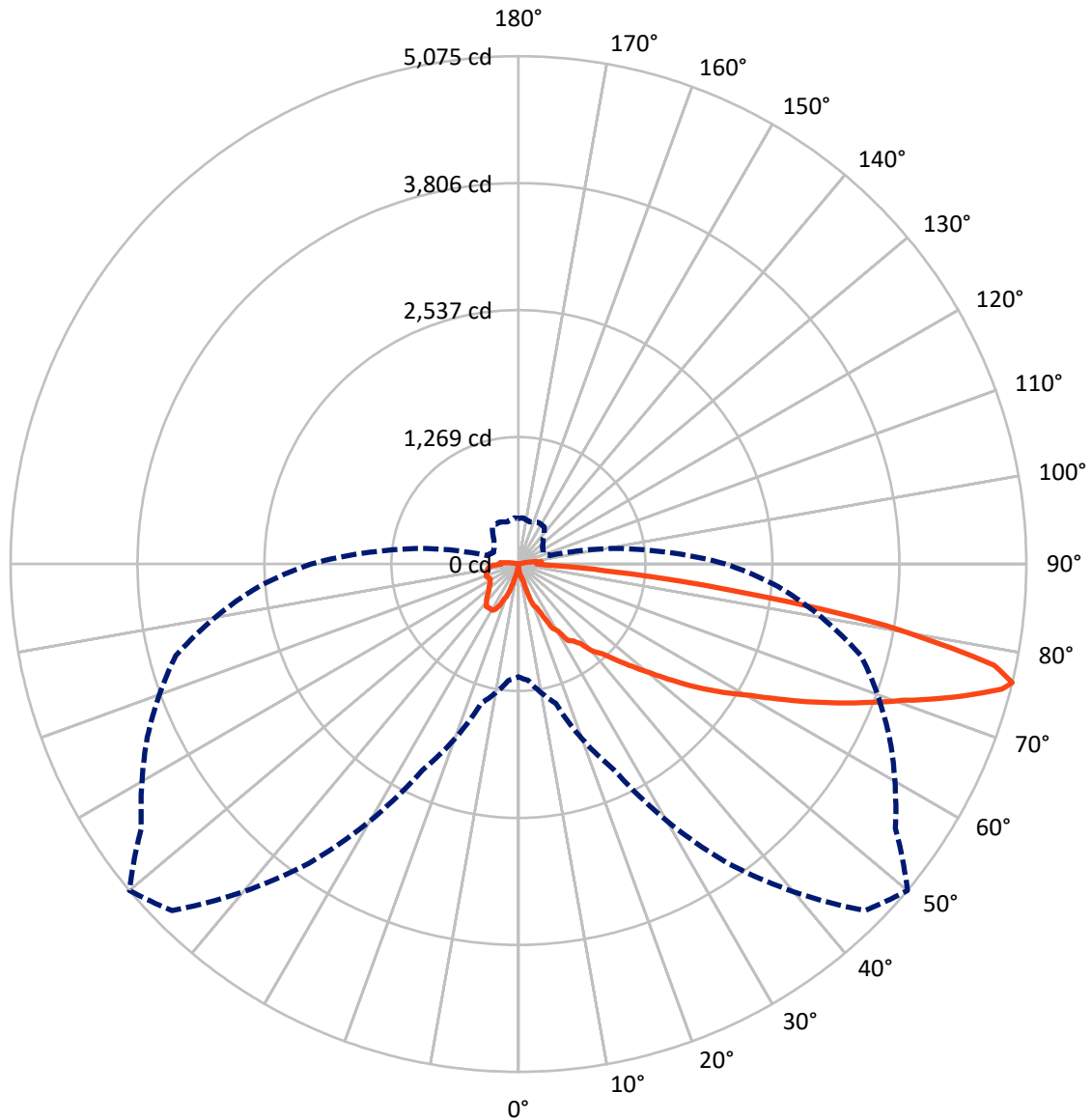


Based on 25 foot mounting height. Maximum calculated value = 1.4 fc  
 Type IV - Medium - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 50-Deg Lateral    - - - Horizontal Cone Through 76-Deg Vertical



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1788.6   | 100.8  | 1889.3 |
|                    | % Fixture | 21.8     | 1.2    | 23.1   |
| <b>Street Side</b> | Lumens    | 6224.7   | 80.9   | 6305.6 |
|                    | % Fixture | 76.0     | 1.0    | 76.9   |
| <b>Total</b>       | Lumens    | 8013.3   | 181.7  | 8195.0 |
|                    | % Fixture | 97.8     | 2.2    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 4.5    | 0.1       |
| 10°-20°   | 68.4   | 0.8       |
| 20°-30°   | 267.3  | 3.3       |
| 30°-40°   | 575.4  | 7.0       |
| 40°-50°   | 937.5  | 11.4      |
| 50°-60°   | 1509.3 | 18.4      |
| 60°-70°   | 2198.4 | 26.8      |
| 70°-80°   | 1961.3 | 23.9      |
| 80°-90°   | 491.3  | 6.0       |
| 90°-100°  | 143.9  | 1.8       |
| 100°-110° | 21.3   | 0.3       |
| 110°-120° | 6.1    | 0.1       |
| 120°-130° | 4.2    | 0.1       |
| 130°-140° | 2.8    | 0.0       |
| 140°-150° | 2.3    | 0.0       |
| 150°-160° | 1.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 8013.3 | 97.8      |
| 0°-180°   | 8195.0 | 100.0     |



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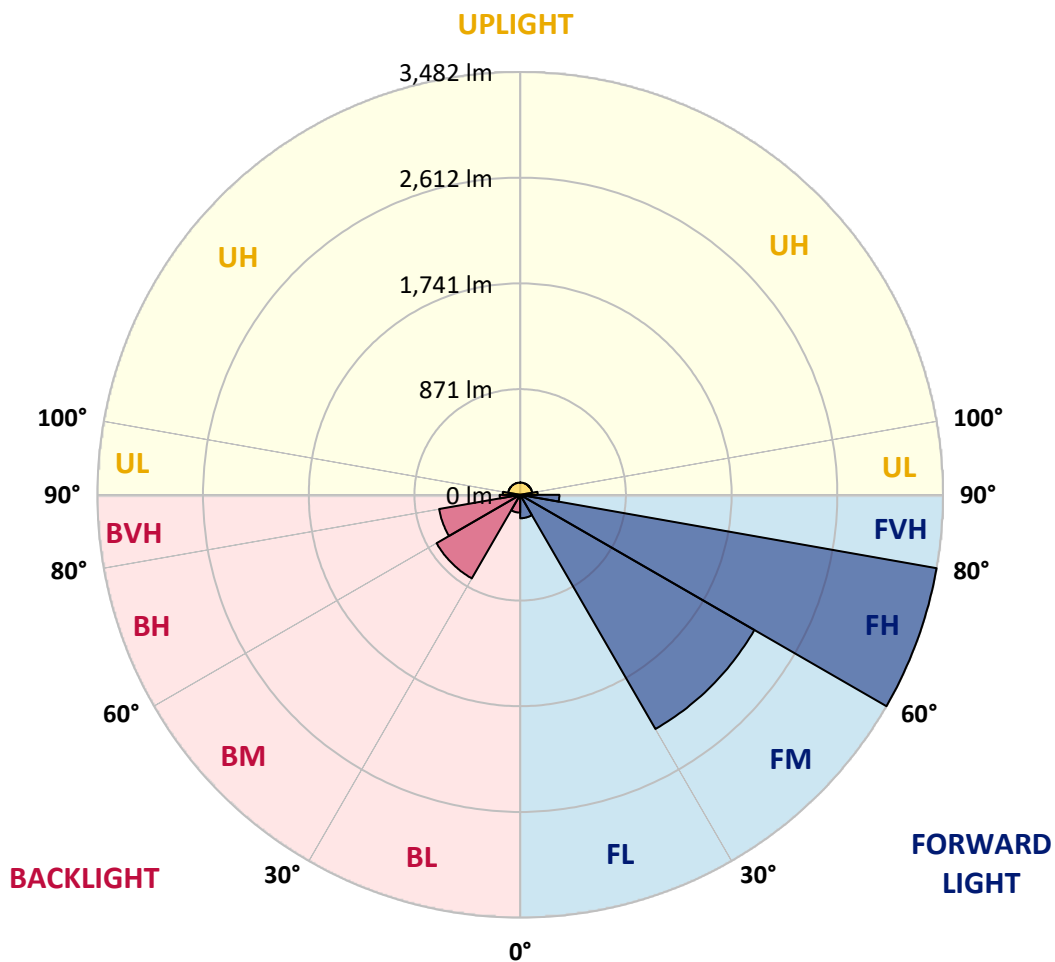
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 193.2  | 2.4       |                         |        |         |
| FM   | (30°-60°)   | 2226.9 | 27.2      |                         |        |         |
| FH   | (60°-80°)   | 3482.1 | 42.5      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 322.6  | 3.9       |                         |        | G3/500  |
| BL   | (0°-30°)    | 147.0  | 1.8       | B1/500                  |        |         |
| BM   | (30°-60°)   | 795.3  | 9.7       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 677.6  | 8.3       | B2/1000                 |        | G2/1000 |
| BVH  | (80°-90°)   | 168.7  | 2.1       |                         |        | G2/225  |
| UL   | (90°-100°)  | 143.9  | 1.8       |                         | U3/500 |         |
| UH   | (100°-180°) | 100.8  | 1.2       |                         | U3/500 |         |

**BUG Rating: B2-U3-G3**

Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 50°    | 55°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 4.6    | 4.6    | 4.6    | 4.6    | 4.6    | 4.6    | 4.6    | 4.6    | 4.6    | 4.6    | 4.6    |
| 2.5°   | 11.8   | 9.1    | 8.2    | 7.3    | 7.3    | 6.4    | 6.4    | 5.5    | 5.5    | 5.5    | 5.5    |
| 5°     | 114.8  | 111.1  | 102.9  | 95.6   | 32.8   | 27.3   | 22.8   | 17.3   | 6.4    | 6.4    | 5.5    |
| 7.5°   | 137.5  | 134.8  | 129.3  | 125.7  | 120.2  | 112.0  | 102.9  | 48.3   | 19.1   | 7.3    | 6.4    |
| 10°    | 180.3  | 166.7  | 155.7  | 146.6  | 140.3  | 126.6  | 123.0  | 115.7  | 31.9   | 13.7   | 10.0   |
| 12.5°  | 322.4  | 315.1  | 304.2  | 206.7  | 170.3  | 145.7  | 140.3  | 133.9  | 103.8  | 49.2   | 88.3   |
| 15°    | 355.2  | 347.9  | 337.0  | 323.3  | 303.3  | 179.4  | 168.5  | 209.5  | 267.8  | 201.3  | 210.4  |
| 17.5°  | 417.1  | 413.5  | 384.3  | 351.6  | 331.5  | 352.5  | 353.4  | 320.6  | 304.2  | 265.9  | 242.3  |
| 20°    | 578.3  | 574.7  | 558.3  | 474.5  | 375.2  | 445.4  | 443.5  | 427.1  | 341.5  | 392.5  | 422.6  |
| 22.5°  | 602.0  | 597.5  | 582.9  | 560.1  | 593.8  | 488.2  | 476.3  | 476.3  | 503.6  | 533.7  | 497.3  |
| 25°    | 792.4  | 787.8  | 676.7  | 589.3  | 636.6  | 581.1  | 582.9  | 644.8  | 557.4  | 585.6  | 559.2  |
| 27.5°  | 827.9  | 821.5  | 812.4  | 754.1  | 670.3  | 735.9  | 725.9  | 692.2  | 725.0  | 808.8  | 780.5  |
| 30°    | 966.3  | 896.2  | 866.1  | 832.4  | 791.4  | 779.6  | 775.1  | 836.1  | 859.8  | 854.3  | 862.5  |
| 32.5°  | 1121.1 | 1118.4 | 1089.3 | 888.0  | 895.3  | 837.9  | 911.7  | 939.0  | 902.6  | 1037.4 | 1123.9 |
| 35°    | 1347.0 | 1254.1 | 1197.6 | 1063.8 | 931.7  | 969.0  | 943.5  | 971.8  | 1096.6 | 1109.3 | 1192.2 |
| 37.5°  | 1693.1 | 1687.6 | 1558.3 | 1174.0 | 1074.7 | 991.8  | 1010.0 | 1088.4 | 1170.3 | 1188.5 | 1300.6 |
| 40°    | 1979.1 | 1952.7 | 1870.7 | 1463.6 | 1168.5 | 1072.9 | 1145.7 | 1128.4 | 1215.0 | 1278.7 | 1386.2 |
| 42.5°  | 2191.3 | 2215.9 | 2169.4 | 1694.0 | 1357.0 | 1201.3 | 1223.1 | 1200.4 | 1280.5 | 1399.8 | 1509.1 |
| 45°    | 2394.4 | 2384.4 | 2416.2 | 1928.1 | 1538.3 | 1366.1 | 1364.3 | 1308.8 | 1400.7 | 1534.6 | 1678.5 |
| 47.5°  | 2560.1 | 2545.6 | 2578.4 | 2182.2 | 1746.8 | 1515.5 | 1528.3 | 1456.3 | 1544.6 | 1703.1 | 1929.9 |
| 50°    | 2745.0 | 2716.8 | 2738.6 | 2395.3 | 2019.2 | 1731.4 | 1714.0 | 1658.5 | 1708.6 | 1924.4 | 2236.8 |
| 52.5°  | 2967.3 | 2947.2 | 2908.1 | 2607.5 | 2299.7 | 1953.6 | 1931.7 | 1878.0 | 1932.6 | 2199.5 | 2576.5 |
| 55°    | 3166.7 | 3143.9 | 3112.1 | 2899.9 | 2532.8 | 2179.4 | 2180.4 | 2126.6 | 2233.2 | 2500.0 | 2970.9 |
| 57.5°  | 3374.4 | 3363.4 | 3379.8 | 3226.8 | 2866.2 | 2415.3 | 2420.8 | 2388.0 | 2579.3 | 2808.8 | 3388.9 |
| 60°    | 3546.5 | 3530.1 | 3621.2 | 3561.1 | 3162.2 | 2684.9 | 2663.1 | 2698.6 | 2932.6 | 3131.2 | 3812.4 |
| 62.5°  | 3612.1 | 3623.0 | 3795.1 | 3868.9 | 3449.0 | 2975.4 | 2983.6 | 3031.9 | 3259.6 | 3517.3 | 4220.5 |
| 65°    | 3304.2 | 3342.5 | 3823.4 | 3922.6 | 3768.7 | 3297.9 | 3337.0 | 3328.8 | 3594.8 | 3801.5 | 4564.7 |
| 67.5°  | 2970.0 | 3013.7 | 3536.5 | 3936.3 | 4016.4 | 3676.7 | 3696.8 | 3615.7 | 3883.5 | 3979.1 | 4821.6 |
| 70°    | 2733.2 | 2766.9 | 3196.8 | 3858.9 | 4168.5 | 4072.0 | 4081.1 | 3930.8 | 4092.9 | 4187.7 | 4812.4 |
| 72.5°  | 2323.3 | 2358.9 | 2756.0 | 3566.5 | 4263.3 | 4551.1 | 4551.1 | 4219.5 | 4262.3 | 4183.1 | 4249.6 |
| 75°    | 1570.1 | 1583.8 | 1908.9 | 2768.7 | 4018.3 | 4941.8 | 4989.1 | 4534.7 | 4204.1 | 3799.7 | 3169.4 |
| 76°    | 1127.5 | 1169.4 | 1441.7 | 2273.3 | 3649.4 | 4897.1 | 5074.7 | 4598.4 | 4090.2 | 3545.6 | 2608.4 |
| 77.5°  | 597.5  | 635.7  | 850.6  | 1455.4 | 2960.0 | 4553.8 | 4860.7 | 4402.6 | 3729.6 | 3043.8 | 1929.0 |
| 80°    | 234.1  | 231.3  | 292.4  | 518.2  | 1499.1 | 3463.6 | 3719.5 | 3245.0 | 2522.8 | 1763.2 | 916.2  |
| 82.5°  | 128.4  | 141.2  | 185.8  | 274.1  | 650.3  | 1910.8 | 2101.1 | 1712.2 | 1287.8 | 813.3  | 535.5  |
| 85°    | 82.0   | 83.8   | 109.3  | 169.4  | 401.6  | 805.1  | 884.3  | 733.2  | 602.9  | 499.1  | 380.7  |
| 87.5°  | 49.2   | 51.0   | 57.4   | 78.3   | 198.5  | 236.8  | 258.7  | 304.2  | 346.1  | 343.4  | 328.8  |
| 90°    | 33.7   | 33.7   | 28.2   | 31.0   | 92.9   | 189.4  | 182.2  | 194.0  | 176.7  | 224.0  | 316.9  |
| 92.5°  | 32.8   | 32.8   | 27.3   | 28.2   | 79.2   | 210.4  | 211.3  | 210.4  | 186.7  | 228.6  | 333.3  |
| 95°    | 29.1   | 30.1   | 23.7   | 24.6   | 58.3   | 196.7  | 231.3  | 224.0  | 188.5  | 230.4  | 332.4  |
| 97.5°  | 24.6   | 25.5   | 18.2   | 20.9   | 39.2   | 133.0  | 172.1  | 175.8  | 117.5  | 116.6  | 150.3  |
| 100°   | 18.2   | 19.1   | 12.8   | 16.4   | 23.7   | 61.0   | 92.0   | 86.5   | 58.3   | 31.9   | 20.9   |
| 102.5° | 17.3   | 18.2   | 10.9   | 12.8   | 14.6   | 20.9   | 33.7   | 25.5   | 21.9   | 18.2   | 18.2   |
| 105°   | 19.1   | 19.1   | 10.0   | 9.1    | 9.1    | 10.0   | 8.2    | 11.8   | 12.8   | 13.7   | 19.1   |
| 107.5° | 16.4   | 17.3   | 7.3    | 7.3    | 6.4    | 6.4    | 5.5    | 5.5    | 7.3    | 11.8   | 20.9   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15° | 25° | 35° | 45° | 50° | 55° | 65° | 75° | 85°  |
|--------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 110°   | 12.8 | 12.8 | 6.4 | 6.4 | 4.6 | 5.5 | 5.5 | 4.6 | 6.4 | 9.1 | 16.4 |
| 112.5° | 7.3  | 8.2  | 3.6 | 5.5 | 3.6 | 4.6 | 4.6 | 3.6 | 5.5 | 6.4 | 9.1  |
| 115°   | 7.3  | 7.3  | 3.6 | 2.7 | 2.7 | 2.7 | 3.6 | 3.6 | 4.6 | 6.4 | 10.0 |
| 117.5° | 7.3  | 7.3  | 3.6 | 2.7 | 1.8 | 2.7 | 2.7 | 2.7 | 4.6 | 6.4 | 10.0 |
| 120°   | 7.3  | 7.3  | 3.6 | 1.8 | 1.8 | 1.8 | 1.8 | 2.7 | 4.6 | 6.4 | 10.0 |
| 122.5° | 8.2  | 7.3  | 3.6 | 1.8 | 1.8 | 1.8 | 1.8 | 2.7 | 4.6 | 6.4 | 9.1  |
| 125°   | 8.2  | 7.3  | 3.6 | 1.8 | 1.8 | 1.8 | 1.8 | 2.7 | 3.6 | 5.5 | 8.2  |
| 127.5° | 8.2  | 7.3  | 3.6 | 1.8 | 1.8 | 1.8 | 1.8 | 2.7 | 3.6 | 5.5 | 7.3  |
| 130°   | 7.3  | 7.3  | 3.6 | 1.8 | 1.8 | 1.8 | 1.8 | 2.7 | 3.6 | 5.5 | 7.3  |
| 132.5° | 7.3  | 6.4  | 3.6 | 1.8 | 1.8 | 1.8 | 1.8 | 2.7 | 3.6 | 4.6 | 6.4  |
| 135°   | 6.4  | 5.5  | 3.6 | 1.8 | 2.7 | 1.8 | 2.7 | 2.7 | 3.6 | 4.6 | 5.5  |
| 137.5° | 5.5  | 5.5  | 3.6 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 3.6 | 4.6 | 4.6  |
| 140°   | 6.4  | 5.5  | 3.6 | 3.6 | 2.7 | 2.7 | 2.7 | 2.7 | 3.6 | 4.6 | 4.6  |
| 142.5° | 7.3  | 6.4  | 4.6 | 3.6 | 3.6 | 2.7 | 2.7 | 3.6 | 3.6 | 4.6 | 4.6  |
| 145°   | 7.3  | 7.3  | 5.5 | 4.6 | 2.7 | 2.7 | 2.7 | 3.6 | 4.6 | 4.6 | 5.5  |
| 147.5° | 8.2  | 7.3  | 5.5 | 4.6 | 2.7 | 1.8 | 2.7 | 2.7 | 4.6 | 5.5 | 5.5  |
| 150°   | 7.3  | 7.3  | 4.6 | 3.6 | 1.8 | 0.9 | 1.8 | 2.7 | 4.6 | 5.5 | 5.5  |
| 152.5° | 5.5  | 5.5  | 3.6 | 1.8 | 0.9 | 0.9 | 1.8 | 2.7 | 3.6 | 4.6 | 5.5  |
| 155°   | 3.6  | 3.6  | 1.8 | 0.9 | 0.0 | 0.9 | 0.9 | 1.8 | 2.7 | 3.6 | 4.6  |
| 157.5° | 1.8  | 1.8  | 0.9 | 0.0 | 0.0 | 0.9 | 0.9 | 1.8 | 2.7 | 3.6 | 3.6  |
| 160°   | 0.9  | 0.0  | 0.0 | 0.0 | 0.0 | 0.9 | 0.9 | 1.8 | 1.8 | 2.7 | 2.7  |
| 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°     | 4.6    | 4.6    | 4.6    | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   |
| 2.5°   | 5.5    | 4.6    | 4.6    | 3.6   | 3.6   | 2.7   | 2.7   | 2.7   | 2.7   | 3.6   | 4.6   |
| 5°     | 5.5    | 5.5    | 4.6    | 4.6   | 4.6   | 3.6   | 3.6   | 5.5   | 6.4   | 7.3   | 7.3   |
| 7.5°   | 5.5    | 5.5    | 5.5    | 4.6   | 5.5   | 7.3   | 29.1  | 83.8  | 92.0  | 97.5  | 99.3  |
| 10°    | 10.0   | 9.1    | 8.2    | 7.3   | 13.7  | 92.9  | 114.8 | 124.8 | 129.3 | 133.9 | 133.9 |
| 12.5°  | 95.6   | 95.6   | 39.2   | 21.9  | 93.8  | 124.8 | 131.1 | 138.4 | 144.8 | 151.2 | 152.1 |
| 15°    | 207.7  | 204.9  | 197.6  | 181.2 | 156.7 | 141.2 | 147.5 | 218.6 | 256.8 | 274.1 | 271.4 |
| 17.5°  | 237.7  | 234.1  | 229.5  | 261.4 | 272.3 | 217.7 | 254.1 | 282.3 | 290.5 | 299.6 | 298.7 |
| 20°    | 440.8  | 436.3  | 339.7  | 304.2 | 297.8 | 365.2 | 290.5 | 296.9 | 311.5 | 397.1 | 399.8 |
| 22.5°  | 493.6  | 488.2  | 454.5  | 463.6 | 347.9 | 396.2 | 383.4 | 401.6 | 448.1 | 461.8 | 463.6 |
| 25°    | 578.3  | 556.5  | 515.5  | 484.5 | 492.7 | 413.5 | 477.2 | 447.2 | 464.5 | 480.9 | 483.6 |
| 27.5°  | 800.6  | 787.8  | 714.9  | 542.8 | 502.7 | 517.3 | 497.3 | 486.3 | 581.1 | 615.7 | 618.4 |
| 30°    | 862.5  | 849.7  | 758.7  | 628.4 | 530.1 | 530.1 | 500.9 | 606.6 | 611.1 | 629.3 | 633.9 |
| 32.5°  | 1172.1 | 1146.6 | 964.5  | 638.4 | 550.1 | 506.4 | 567.4 | 597.5 | 670.3 | 725.0 | 734.1 |
| 35°    | 1244.1 | 1222.2 | 995.5  | 729.5 | 531.9 | 527.3 | 535.5 | 629.3 | 683.1 | 715.9 | 723.1 |
| 37.5°  | 1318.8 | 1294.2 | 991.8  | 694.9 | 563.8 | 502.7 | 521.0 | 588.3 | 665.8 | 750.5 | 761.4 |
| 40°    | 1420.8 | 1390.7 | 996.4  | 650.3 | 528.2 | 475.4 | 489.1 | 564.7 | 617.5 | 670.3 | 679.4 |
| 42.5°  | 1557.4 | 1497.3 | 1004.6 | 610.2 | 487.3 | 463.6 | 466.3 | 510.0 | 534.6 | 556.5 | 556.5 |
| 45°    | 1741.4 | 1643.9 | 1007.3 | 568.3 | 446.3 | 436.3 | 439.9 | 459.9 | 469.0 | 455.4 | 449.0 |
| 47.5°  | 1988.2 | 1825.2 | 1041.0 | 531.0 | 411.7 | 406.2 | 408.9 | 415.3 | 410.8 | 375.2 | 368.9 |
| 50°    | 2276.0 | 2038.3 | 1059.2 | 498.2 | 386.2 | 385.3 | 380.7 | 380.7 | 364.3 | 324.2 | 321.5 |
| 52.5°  | 2593.8 | 2292.4 | 1074.7 | 458.1 | 367.9 | 372.5 | 372.5 | 353.4 | 328.8 | 296.9 | 294.2 |
| 55°    | 2997.3 | 2585.6 | 1097.5 | 423.5 | 352.5 | 351.6 | 361.6 | 337.9 | 312.4 | 285.1 | 285.1 |
| 57.5°  | 3398.0 | 2896.2 | 1124.8 | 393.4 | 335.2 | 337.0 | 351.6 | 332.4 | 318.8 | 307.8 | 306.9 |
| 60°    | 3798.8 | 3216.8 | 1081.1 | 366.1 | 328.8 | 325.1 | 348.8 | 353.4 | 337.0 | 343.4 | 349.7 |
| 62.5°  | 4174.9 | 3421.7 | 905.3  | 342.4 | 316.9 | 322.4 | 372.5 | 400.7 | 395.3 | 388.9 | 390.7 |
| 65°    | 4352.5 | 3463.6 | 734.1  | 321.5 | 308.7 | 341.5 | 410.8 | 453.6 | 435.3 | 414.4 | 412.6 |
| 67.5°  | 4382.6 | 3355.2 | 540.1  | 308.7 | 304.2 | 375.2 | 440.8 | 465.4 | 438.1 | 429.9 | 422.6 |
| 70°    | 4171.3 | 3080.2 | 431.7  | 295.1 | 307.8 | 380.7 | 459.9 | 462.7 | 442.6 | 451.7 | 442.6 |
| 72.5°  | 3547.4 | 2565.6 | 378.0  | 282.3 | 308.7 | 367.0 | 459.9 | 463.6 | 440.8 | 467.2 | 462.7 |
| 75°    | 2540.1 | 1798.7 | 336.1  | 271.4 | 298.7 | 351.6 | 453.6 | 462.7 | 435.3 | 464.5 | 457.2 |
| 76°    | 2069.2 | 1427.2 | 324.2  | 274.1 | 294.2 | 346.1 | 451.7 | 459.9 | 436.3 | 462.7 | 455.4 |
| 77.5°  | 1367.0 | 932.6  | 304.2  | 272.3 | 286.0 | 343.4 | 447.2 | 456.3 | 435.3 | 457.2 | 449.9 |
| 80°    | 731.3  | 528.2  | 274.1  | 254.1 | 276.0 | 345.2 | 443.5 | 447.2 | 418.0 | 442.6 | 433.5 |
| 82.5°  | 481.8  | 393.4  | 236.8  | 230.4 | 265.9 | 347.9 | 441.7 | 436.3 | 403.5 | 442.6 | 418.0 |
| 85°    | 378.0  | 325.1  | 177.6  | 184.9 | 242.3 | 336.1 | 436.3 | 420.8 | 390.7 | 401.6 | 387.1 |
| 87.5°  | 320.6  | 267.8  | 106.6  | 132.1 | 212.2 | 286.0 | 387.1 | 347.9 | 330.6 | 341.5 | 335.2 |
| 90°    | 301.5  | 236.8  | 60.1   | 92.9  | 159.4 | 190.3 | 244.1 | 226.8 | 219.5 | 232.2 | 229.5 |
| 92.5°  | 304.2  | 231.3  | 59.2   | 88.3  | 170.3 | 204.9 | 252.3 | 232.2 | 210.4 | 210.4 | 207.7 |
| 95°    | 290.5  | 215.8  | 58.3   | 70.1  | 153.9 | 199.5 | 236.8 | 208.6 | 169.4 | 161.2 | 158.5 |
| 97.5°  | 126.6  | 104.7  | 54.6   | 53.7  | 88.3  | 137.5 | 172.1 | 149.4 | 112.0 | 87.4  | 87.4  |
| 100°   | 20.9   | 33.7   | 47.4   | 51.9  | 51.9  | 72.9  | 97.5  | 92.0  | 53.7  | 28.2  | 29.1  |
| 102.5° | 21.9   | 19.1   | 32.8   | 42.8  | 33.7  | 30.1  | 44.6  | 55.6  | 35.5  | 10.9  | 11.8  |
| 105°   | 22.8   | 20.0   | 16.4   | 30.1  | 19.1  | 10.0  | 13.7  | 25.5  | 16.4  | 10.9  | 10.9  |
| 107.5° | 24.6   | 20.9   | 10.0   | 10.9  | 8.2   | 8.2   | 7.3   | 6.4   | 8.2   | 10.9  | 11.8  |



REPORT NUMBER: P416728

CATALOG NUMBER: LXF.LXT-PA1-80-730-U-T4W-CL

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110°   | 19.1 | 17.3 | 9.1  | 8.2  | 7.3  | 8.2  | 5.5  | 5.5  | 6.4  | 10.9 | 11.8 |
| 112.5° | 10.9 | 10.9 | 8.2  | 6.4  | 6.4  | 7.3  | 4.6  | 4.6  | 6.4  | 11.8 | 11.8 |
| 115°   | 10.9 | 10.9 | 7.3  | 5.5  | 4.6  | 5.5  | 4.6  | 3.6  | 6.4  | 11.8 | 12.8 |
| 117.5° | 10.9 | 10.9 | 7.3  | 5.5  | 4.6  | 3.6  | 3.6  | 3.6  | 6.4  | 11.8 | 12.8 |
| 120°   | 10.9 | 10.0 | 6.4  | 4.6  | 4.6  | 2.7  | 2.7  | 2.7  | 5.5  | 11.8 | 12.8 |
| 122.5° | 10.0 | 10.0 | 6.4  | 4.6  | 3.6  | 2.7  | 2.7  | 2.7  | 5.5  | 10.9 | 11.8 |
| 125°   | 9.1  | 9.1  | 6.4  | 4.6  | 3.6  | 2.7  | 1.8  | 2.7  | 5.5  | 10.0 | 10.9 |
| 127.5° | 8.2  | 8.2  | 5.5  | 4.6  | 3.6  | 2.7  | 1.8  | 2.7  | 5.5  | 10.0 | 10.9 |
| 130°   | 7.3  | 7.3  | 5.5  | 3.6  | 3.6  | 1.8  | 1.8  | 1.8  | 5.5  | 9.1  | 10.0 |
| 132.5° | 6.4  | 6.4  | 4.6  | 3.6  | 2.7  | 1.8  | 0.9  | 1.8  | 4.6  | 8.2  | 8.2  |
| 135°   | 5.5  | 5.5  | 4.6  | 3.6  | 2.7  | 1.8  | 0.9  | 1.8  | 3.6  | 6.4  | 7.3  |
| 137.5° | 4.6  | 4.6  | 3.6  | 3.6  | 2.7  | 1.8  | 0.9  | 1.8  | 2.7  | 5.5  | 5.5  |
| 140°   | 4.6  | 4.6  | 3.6  | 3.6  | 2.7  | 1.8  | 0.9  | 1.8  | 2.7  | 4.6  | 5.5  |
| 142.5° | 4.6  | 4.6  | 3.6  | 3.6  | 2.7  | 1.8  | 0.9  | 1.8  | 2.7  | 4.6  | 5.5  |
| 145°   | 5.5  | 4.6  | 4.6  | 3.6  | 2.7  | 1.8  | 0.9  | 1.8  | 3.6  | 5.5  | 5.5  |
| 147.5° | 5.5  | 5.5  | 4.6  | 3.6  | 2.7  | 1.8  | 0.9  | 1.8  | 3.6  | 5.5  | 5.5  |
| 150°   | 5.5  | 5.5  | 4.6  | 3.6  | 2.7  | 0.9  | 0.0  | 0.9  | 2.7  | 4.6  | 5.5  |
| 152.5° | 5.5  | 4.6  | 3.6  | 2.7  | 1.8  | 0.9  | 0.0  | 0.0  | 1.8  | 3.6  | 3.6  |
| 155°   | 4.6  | 3.6  | 3.6  | 2.7  | 1.8  | 0.9  | 0.0  | 0.0  | 0.9  | 1.8  | 1.8  |
| 157.5° | 3.6  | 3.6  | 2.7  | 1.8  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.9  | 0.9  |
| 160°   | 2.7  | 2.7  | 1.8  | 1.8  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 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)