

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: P254317

Luminaire Tested: **LXF.LXT-AF24-90-D-U-T3-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P254317  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1806-803-19)  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-AF24-90-D-U-T3-A  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 4000K, 1180mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS  
AND REFRACTOR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8393.3 lumens  
Efficiency: N/A  
Efficacy: 89.3 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')  
IES Classification: Type III - Medium - Non-Cutoff  
BUG Rating: B2 - U3 - G3

Input Watts (W): 94  
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

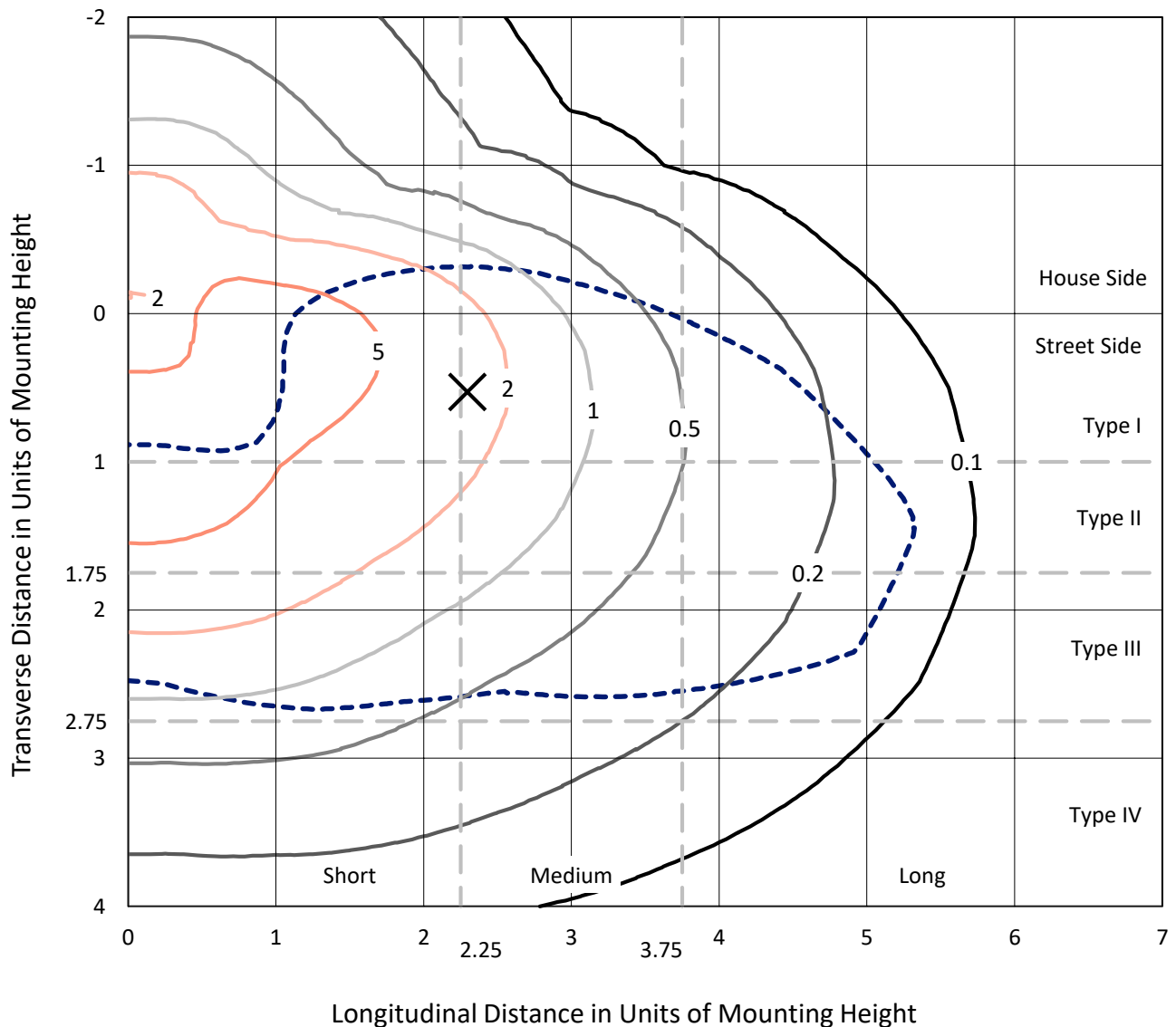


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### Iso-Footcandle Lines of Horizontal Illumination

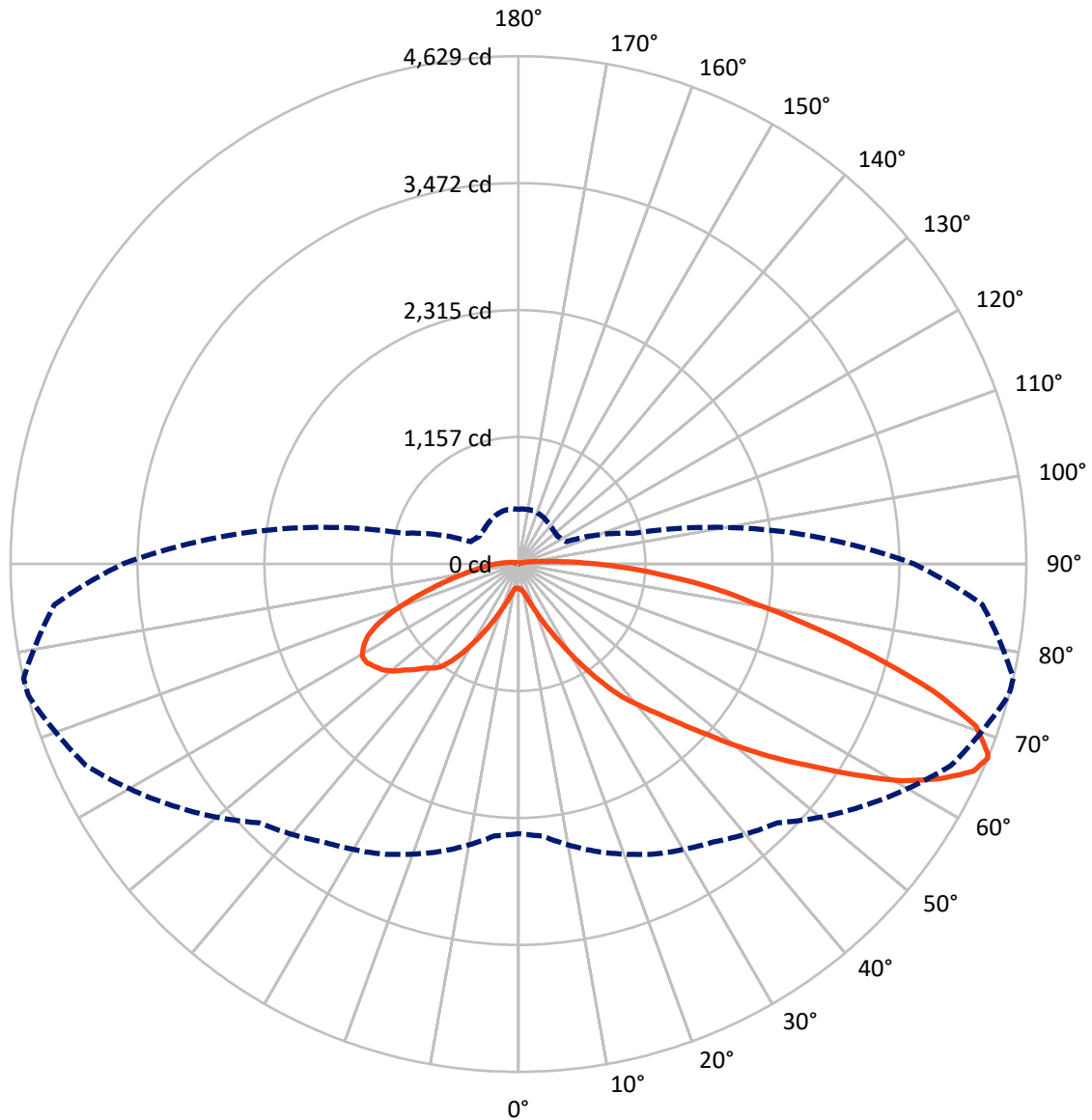
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.7 fc  
 Type III - Medium - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 77-Deg Lateral      - - - Horizontal Cone Through 67-Deg Vertical



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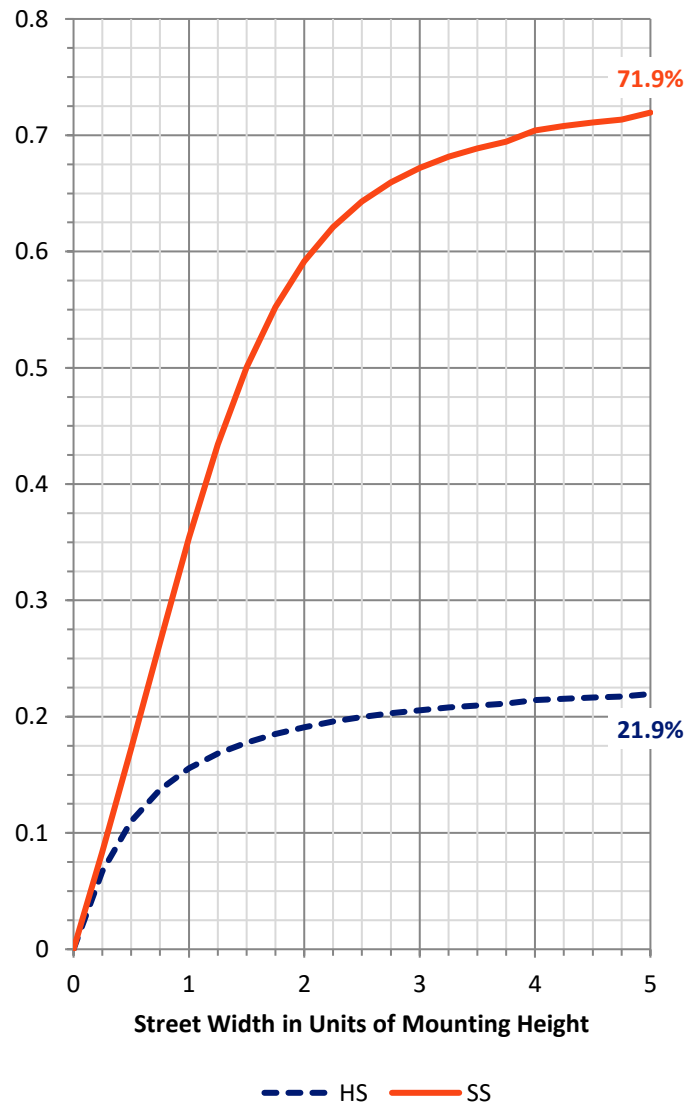
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1924.5   | 122.4  | 2046.9 |
|                    | % Fixture | 22.9     | 1.5    | 24.4   |
| <b>Street Side</b> | Lumens    | 6187.1   | 159.3  | 6346.4 |
|                    | % Fixture | 73.7     | 1.9    | 75.6   |
| <b>Total</b>       | Lumens    | 8111.6   | 281.7  | 8393.3 |
|                    | % Fixture | 96.6     | 3.4    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 22.5   | 0.3       |
| 10°-20°   | 94.3   | 1.1       |
| 20°-30°   | 275.6  | 3.3       |
| 30°-40°   | 640.5  | 7.6       |
| 40°-50°   | 1123.5 | 13.4      |
| 50°-60°   | 1726.5 | 20.6      |
| 60°-70°   | 2135.1 | 25.4      |
| 70°-80°   | 1490.5 | 17.8      |
| 80°-90°   | 603.3  | 7.2       |
| 90°-100°  | 178.3  | 2.1       |
| 100°-110° | 57.6   | 0.7       |
| 110°-120° | 24.4   | 0.3       |
| 120°-130° | 12.7   | 0.2       |
| 130°-140° | 6.5    | 0.1       |
| 140°-150° | 2.0    | 0.0       |
| 150°-160° | 0.3    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 8111.6 | 96.6      |
| 0°-180°   | 8393.3 | 100.0     |



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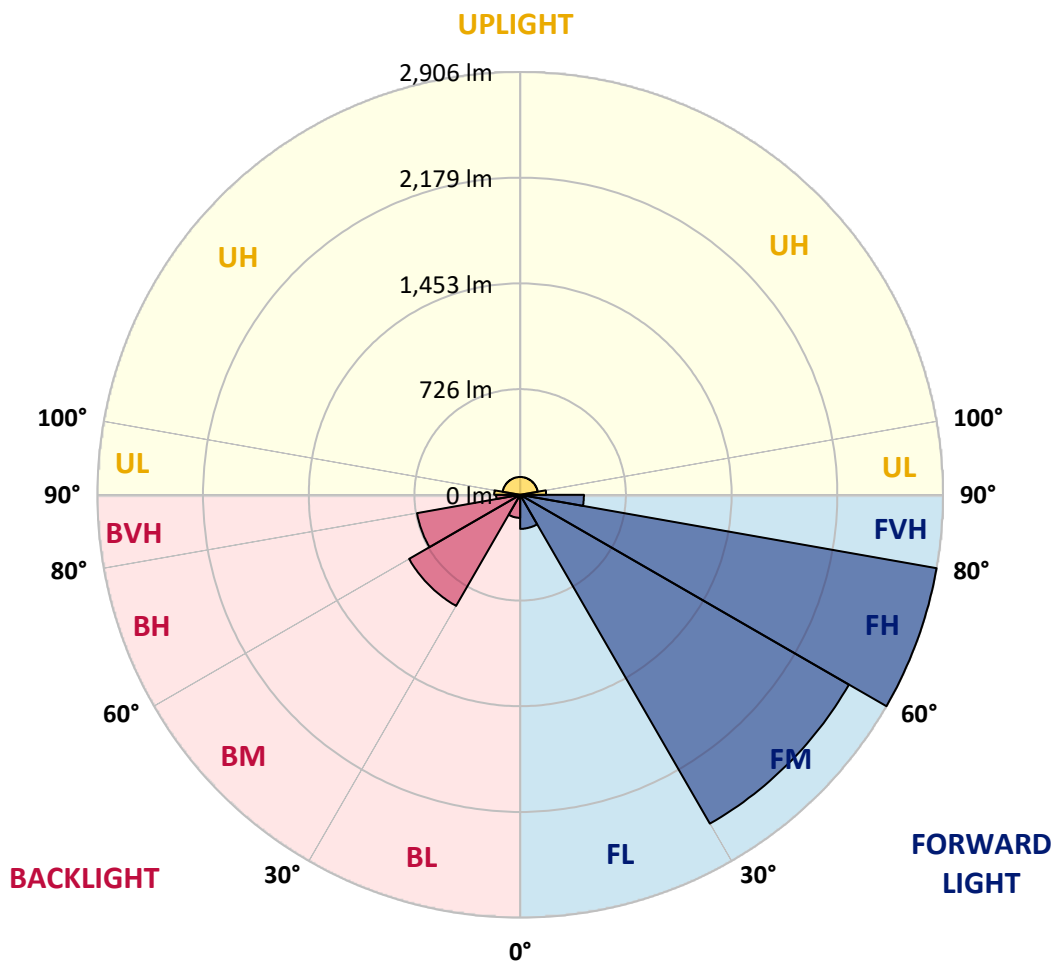
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 234.0  | 2.8       |                         |        |         |
| FM   | (30°-60°)   | 2609.1 | 31.1      |                         |        |         |
| FH   | (60°-80°)   | 2905.8 | 34.6      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 438.3  | 5.2       |                         |        | G3/500  |
| BL   | (0°-30°)    | 158.3  | 1.9       | B1/500                  |        |         |
| BM   | (30°-60°)   | 881.4  | 10.5      | B1/1000                 |        |         |
| BH   | (60°-80°)   | 719.7  | 8.6       | B2/1000                 |        | G2/1000 |
| BVH  | (80°-90°)   | 165.0  | 2.0       |                         |        | G2/225  |
| UL   | (90°-100°)  | 178.3  | 2.1       |                         | U3/500 |         |
| UH   | (100°-180°) | 122.4  | 1.5       |                         | U3/500 |         |

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

Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 77°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 223.3  | 223.3  | 223.3  | 223.3  | 223.3  | 223.3  | 223.3  | 223.3  | 223.3  | 223.3  | 223.3  |
| 2.5°   | 237.4  | 238.4  | 238.4  | 238.4  | 237.4  | 235.4  | 232.4  | 230.4  | 227.3  | 226.3  | 224.3  |
| 5°     | 255.6  | 255.6  | 255.6  | 254.6  | 252.6  | 248.6  | 244.5  | 239.5  | 233.3  | 232.4  | 228.3  |
| 7.5°   | 275.8  | 276.8  | 275.8  | 273.8  | 268.7  | 264.7  | 258.6  | 251.5  | 244.5  | 242.4  | 237.4  |
| 10°    | 305.1  | 305.1  | 303.1  | 299.0  | 292.0  | 283.9  | 276.8  | 268.7  | 261.7  | 259.6  | 253.6  |
| 12.5°  | 349.5  | 349.5  | 345.6  | 334.4  | 323.3  | 312.2  | 304.1  | 298.1  | 294.0  | 290.9  | 286.9  |
| 15°    | 406.1  | 407.1  | 401.1  | 383.9  | 369.8  | 352.6  | 345.6  | 344.5  | 343.5  | 340.4  | 336.4  |
| 17.5°  | 474.9  | 474.9  | 464.7  | 441.5  | 423.3  | 407.1  | 400.1  | 400.1  | 400.1  | 400.1  | 398.0  |
| 20°    | 556.7  | 557.7  | 544.5  | 511.2  | 492.0  | 472.8  | 465.7  | 466.8  | 470.8  | 471.8  | 471.8  |
| 22.5°  | 661.7  | 665.8  | 645.6  | 600.2  | 576.8  | 548.6  | 543.6  | 548.6  | 559.8  | 562.7  | 567.8  |
| 25°    | 805.3  | 799.1  | 772.9  | 713.3  | 678.9  | 644.6  | 636.5  | 650.6  | 671.9  | 677.9  | 689.1  |
| 27.5°  | 955.7  | 956.8  | 919.4  | 846.6  | 789.1  | 747.7  | 743.6  | 771.9  | 802.2  | 810.3  | 828.5  |
| 30°    | 1147.8 | 1149.7 | 1093.1 | 1003.2 | 917.4  | 864.8  | 864.8  | 911.3  | 957.8  | 970.9  | 1000.2 |
| 32.5°  | 1378.1 | 1376.1 | 1292.2 | 1184.1 | 1064.9 | 1000.2 | 1002.2 | 1069.9 | 1136.6 | 1151.7 | 1179.1 |
| 35°    | 1645.8 | 1642.8 | 1531.7 | 1389.2 | 1230.6 | 1146.7 | 1155.8 | 1241.7 | 1327.6 | 1341.7 | 1385.2 |
| 37.5°  | 1919.6 | 1922.6 | 1799.4 | 1618.5 | 1413.4 | 1303.3 | 1320.5 | 1422.5 | 1527.6 | 1537.7 | 1572.1 |
| 40°    | 2167.1 | 2182.3 | 2058.0 | 1855.9 | 1611.5 | 1468.0 | 1488.2 | 1586.2 | 1689.2 | 1693.3 | 1706.4 |
| 42.5°  | 2404.5 | 2406.6 | 2302.6 | 2087.3 | 1816.6 | 1649.8 | 1651.9 | 1745.9 | 1843.9 | 1861.0 | 1867.1 |
| 45°    | 2556.0 | 2577.3 | 2493.4 | 2299.5 | 2023.7 | 1835.8 | 1818.6 | 1912.5 | 2057.1 | 2077.2 | 2077.2 |
| 47.5°  | 2728.8 | 2751.1 | 2655.1 | 2490.5 | 2223.7 | 2022.7 | 2008.5 | 2128.8 | 2301.5 | 2322.7 | 2314.6 |
| 50°    | 2922.9 | 2950.1 | 2880.4 | 2701.6 | 2422.8 | 2221.6 | 2245.9 | 2386.3 | 2595.5 | 2625.8 | 2616.7 |
| 52.5°  | 3070.4 | 3099.6 | 3057.2 | 2931.0 | 2646.1 | 2454.1 | 2480.3 | 2676.3 | 2907.7 | 2938.0 | 2903.6 |
| 55°    | 3124.9 | 3165.3 | 3178.4 | 3113.8 | 2876.3 | 2700.6 | 2781.4 | 2993.6 | 3220.9 | 3253.2 | 3216.9 |
| 57.5°  | 3122.9 | 3164.3 | 3214.8 | 3205.7 | 3069.4 | 2954.2 | 3072.3 | 3319.9 | 3594.8 | 3627.1 | 3589.6 |
| 60°    | 3100.7 | 3149.2 | 3242.1 | 3254.2 | 3177.5 | 3177.5 | 3368.4 | 3708.9 | 3983.7 | 4012.9 | 3905.8 |
| 62.5°  | 2907.7 | 2968.3 | 3138.0 | 3260.2 | 3237.0 | 3320.9 | 3639.1 | 4031.1 | 4296.9 | 4311.0 | 4110.0 |
| 65°    | 2666.2 | 2722.8 | 2909.7 | 3107.7 | 3217.9 | 3371.4 | 3815.9 | 4260.5 | 4538.3 | 4554.5 | 4265.6 |
| 67°    | 2457.1 | 2487.4 | 2710.7 | 2917.8 | 3093.6 | 3337.1 | 3843.2 | 4348.4 | 4626.2 | 4629.3 | 4246.4 |
| 67.5°  | 2382.4 | 2413.7 | 2641.0 | 2862.2 | 3050.1 | 3312.8 | 3829.1 | 4356.4 | 4621.2 | 4615.1 | 4210.0 |
| 70°    | 1990.4 | 2008.5 | 2245.9 | 2530.9 | 2742.0 | 3051.2 | 3653.3 | 4199.9 | 4443.4 | 4425.2 | 3961.5 |
| 72.5°  | 1471.0 | 1486.1 | 1732.7 | 2079.2 | 2328.7 | 2669.3 | 3272.4 | 3866.4 | 4001.9 | 3952.4 | 3410.8 |
| 75°    | 1019.4 | 1031.5 | 1223.4 | 1519.5 | 1846.8 | 2206.5 | 2797.6 | 3290.6 | 3390.6 | 3329.0 | 2826.8 |
| 77.5°  | 673.9  | 683.0  | 832.5  | 1065.9 | 1367.0 | 1764.0 | 2276.3 | 2718.8 | 2799.6 | 2727.9 | 2270.1 |
| 80°    | 427.4  | 434.4  | 545.5  | 729.5  | 1002.2 | 1384.2 | 1827.7 | 2211.6 | 2245.9 | 2178.3 | 1774.1 |
| 82.5°  | 270.8  | 277.8  | 352.6  | 494.1  | 719.3  | 1053.7 | 1437.7 | 1782.2 | 1828.6 | 1788.2 | 1387.1 |
| 85°    | 173.8  | 183.9  | 237.4  | 338.5  | 510.2  | 772.9  | 1120.4 | 1417.5 | 1412.4 | 1345.7 | 1018.3 |
| 87.5°  | 123.3  | 131.3  | 171.8  | 241.4  | 359.7  | 547.6  | 819.4  | 1028.5 | 1016.4 | 971.9  | 708.2  |
| 90°    | 92.0   | 98.0   | 127.3  | 175.8  | 258.6  | 383.9  | 567.8  | 712.3  | 676.9  | 649.7  | 467.8  |
| 92.5°  | 67.7   | 72.7   | 94.9   | 128.3  | 184.8  | 268.7  | 374.8  | 460.7  | 424.3  | 405.1  | 296.0  |
| 95°    | 49.5   | 52.6   | 69.7   | 94.0   | 134.4  | 186.9  | 245.5  | 290.0  | 260.6  | 247.6  | 186.9  |
| 97.5°  | 38.4   | 40.4   | 53.5   | 72.7   | 100.0  | 134.4  | 165.7  | 181.9  | 165.7  | 157.6  | 129.3  |
| 100°   | 32.3   | 33.3   | 44.5   | 57.6   | 78.8   | 102.1  | 118.3  | 124.3  | 114.2  | 109.1  | 94.0   |
| 102.5° | 27.3   | 28.3   | 36.4   | 47.5   | 63.6   | 80.8   | 88.9   | 90.9   | 81.8   | 78.8   | 70.7   |
| 105°   | 23.2   | 24.2   | 31.3   | 40.4   | 53.5   | 65.7   | 69.7   | 67.7   | 59.6   | 57.6   | 53.5   |
| 107.5° | 20.3   | 21.2   | 26.3   | 34.4   | 44.5   | 54.5   | 55.5   | 51.6   | 44.5   | 42.5   | 40.4   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°  | 65°  | 75°  | 77°  | 85°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110°   | 18.2 | 18.2 | 23.2 | 29.3 | 38.4 | 45.4 | 45.4 | 39.4 | 33.3 | 32.3 | 32.3 |
| 112.5° | 16.2 | 16.2 | 20.3 | 25.3 | 33.3 | 38.4 | 37.3 | 31.3 | 25.3 | 24.2 | 25.3 |
| 115°   | 14.1 | 14.1 | 17.2 | 23.2 | 29.3 | 33.3 | 31.3 | 25.3 | 19.2 | 19.2 | 21.2 |
| 117.5° | 13.1 | 13.1 | 16.2 | 21.2 | 26.3 | 29.3 | 26.3 | 20.3 | 16.2 | 16.2 | 17.2 |
| 120°   | 12.2 | 12.2 | 15.1 | 19.2 | 24.2 | 26.3 | 23.2 | 17.2 | 13.1 | 13.1 | 15.1 |
| 122.5° | 12.2 | 12.2 | 14.1 | 18.2 | 22.2 | 23.2 | 20.3 | 15.1 | 11.2 | 12.2 | 13.1 |
| 125°   | 12.2 | 13.1 | 14.1 | 17.2 | 20.3 | 20.3 | 17.2 | 13.1 | 10.1 | 10.1 | 12.2 |
| 127.5° | 13.1 | 13.1 | 14.1 | 16.2 | 18.2 | 18.2 | 15.1 | 11.2 | 10.1 | 10.1 | 11.2 |
| 130°   | 14.1 | 14.1 | 14.1 | 15.1 | 16.2 | 15.1 | 13.1 | 10.1 | 9.1  | 9.1  | 10.1 |
| 132.5° | 14.1 | 14.1 | 14.1 | 14.1 | 14.1 | 13.1 | 11.2 | 9.1  | 8.1  | 9.1  | 10.1 |
| 135°   | 13.1 | 13.1 | 13.1 | 13.1 | 12.2 | 11.2 | 9.1  | 7.1  | 7.1  | 7.1  | 8.1  |
| 137.5° | 12.2 | 11.2 | 11.2 | 11.2 | 10.1 | 9.1  | 7.1  | 5.0  | 6.0  | 6.0  | 7.1  |
| 140°   | 10.1 | 10.1 | 10.1 | 9.1  | 8.1  | 7.1  | 5.0  | 4.1  | 5.0  | 5.0  | 6.0  |
| 142.5° | 8.1  | 8.1  | 8.1  | 7.1  | 6.0  | 5.0  | 3.1  | 3.1  | 4.1  | 5.0  | 5.0  |
| 145°   | 6.0  | 6.0  | 6.0  | 5.0  | 4.1  | 3.1  | 2.0  | 3.1  | 4.1  | 4.1  | 4.1  |
| 147.5° | 4.1  | 4.1  | 4.1  | 4.1  | 2.0  | 1.0  | 2.0  | 2.0  | 3.1  | 3.1  | 4.1  |
| 150°   | 2.0  | 2.0  | 3.1  | 2.0  | 1.0  | 1.0  | 1.0  | 2.0  | 2.0  | 3.1  | 3.1  |
| 152.5° | 1.0  | 1.0  | 2.0  | 1.0  | 0.0  | 0.0  | 0.0  | 1.0  | 2.0  | 2.0  | 2.0  |
| 155°   | 0.0  | 0.0  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 1.0  | 1.0  | 1.0  | 2.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 1.0  | 1.0  | 1.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 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  |





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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°   | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 223.3  | 223.3  | 223.3  | 223.3 | 223.3 | 223.3 | 223.3 | 223.3 | 223.3 | 223.3 | 223.3 |
| 2.5°   | 223.3  | 222.3  | 220.2  | 217.2 | 215.2 | 214.2 | 214.2 | 212.2 | 212.2 | 212.2 | 211.1 |
| 5°     | 227.3  | 224.3  | 220.2  | 216.3 | 212.2 | 209.1 | 208.2 | 206.1 | 204.1 | 204.1 | 203.1 |
| 7.5°   | 233.3  | 230.4  | 223.3  | 217.2 | 211.1 | 207.1 | 205.1 | 203.1 | 201.0 | 200.1 | 199.1 |
| 10°    | 249.5  | 245.5  | 234.4  | 224.3 | 216.3 | 210.1 | 207.1 | 205.1 | 203.1 | 203.1 | 202.0 |
| 12.5°  | 282.8  | 275.8  | 261.7  | 244.5 | 227.3 | 218.2 | 215.2 | 222.3 | 225.3 | 228.3 | 228.3 |
| 15°    | 332.4  | 325.3  | 304.1  | 278.9 | 253.6 | 236.4 | 241.4 | 251.5 | 259.6 | 264.7 | 264.7 |
| 17.5°  | 393.0  | 381.9  | 355.7  | 319.3 | 285.9 | 273.8 | 271.8 | 282.8 | 295.0 | 302.1 | 302.1 |
| 20°    | 464.7  | 451.6  | 415.2  | 365.7 | 328.4 | 310.2 | 306.2 | 316.2 | 330.4 | 341.5 | 341.5 |
| 22.5°  | 557.7  | 542.6  | 489.0  | 419.3 | 370.8 | 345.6 | 340.4 | 350.6 | 370.8 | 386.0 | 384.9 |
| 25°    | 678.9  | 654.7  | 580.9  | 484.0 | 413.2 | 377.9 | 373.8 | 389.9 | 417.3 | 438.4 | 441.5 |
| 27.5°  | 819.4  | 785.0  | 674.8  | 553.6 | 454.6 | 406.1 | 407.1 | 429.4 | 462.7 | 486.0 | 486.0 |
| 30°    | 977.9  | 941.6  | 788.1  | 622.4 | 490.0 | 430.4 | 434.4 | 463.7 | 497.1 | 520.3 | 520.3 |
| 32.5°  | 1161.9 | 1108.4 | 907.3  | 690.1 | 521.3 | 448.6 | 452.7 | 487.9 | 521.3 | 546.6 | 547.6 |
| 35°    | 1347.7 | 1275.0 | 1015.4 | 745.6 | 547.6 | 463.7 | 465.7 | 507.2 | 543.6 | 571.8 | 574.9 |
| 37.5°  | 1517.4 | 1423.5 | 1111.3 | 784.0 | 559.8 | 470.8 | 473.8 | 521.3 | 563.7 | 590.0 | 590.0 |
| 40°    | 1638.8 | 1520.5 | 1157.8 | 793.1 | 562.7 | 472.8 | 481.9 | 530.4 | 562.7 | 574.9 | 569.8 |
| 42.5°  | 1776.1 | 1630.7 | 1187.1 | 778.0 | 551.7 | 471.8 | 486.0 | 524.4 | 541.6 | 542.6 | 537.5 |
| 45°    | 1968.1 | 1779.1 | 1240.6 | 764.8 | 531.4 | 469.8 | 480.9 | 509.2 | 514.2 | 505.1 | 499.1 |
| 47.5°  | 2190.3 | 1940.8 | 1285.1 | 748.6 | 518.3 | 464.7 | 473.8 | 491.0 | 486.9 | 470.8 | 465.7 |
| 50°    | 2441.0 | 2145.9 | 1340.7 | 728.4 | 508.2 | 458.7 | 466.8 | 477.9 | 472.8 | 455.6 | 451.6 |
| 52.5°  | 2686.5 | 2325.8 | 1376.1 | 707.3 | 499.1 | 455.6 | 461.8 | 474.9 | 468.8 | 448.6 | 442.5 |
| 55°    | 2944.1 | 2508.6 | 1384.2 | 670.9 | 492.0 | 455.6 | 462.7 | 476.9 | 469.8 | 448.6 | 442.5 |
| 57.5°  | 3247.2 | 2705.6 | 1384.2 | 628.4 | 480.9 | 457.7 | 465.7 | 479.9 | 473.8 | 452.7 | 447.5 |
| 60°    | 3493.7 | 2846.1 | 1354.8 | 591.1 | 467.8 | 457.7 | 466.8 | 481.9 | 480.9 | 465.7 | 462.7 |
| 62.5°  | 3630.0 | 2897.6 | 1275.0 | 549.6 | 456.6 | 454.6 | 467.8 | 486.9 | 494.1 | 482.9 | 479.9 |
| 65°    | 3702.8 | 2880.4 | 1182.0 | 508.2 | 446.5 | 448.6 | 467.8 | 490.0 | 501.1 | 495.0 | 491.0 |
| 67°    | 3607.8 | 2759.2 | 1080.0 | 479.9 | 436.5 | 443.6 | 465.7 | 490.0 | 505.1 | 503.1 | 499.1 |
| 67.5°  | 3560.4 | 2710.7 | 1050.8 | 474.9 | 433.4 | 442.5 | 464.7 | 490.0 | 505.1 | 505.1 | 501.1 |
| 70°    | 3264.3 | 2437.9 | 898.2  | 437.5 | 414.2 | 427.4 | 453.7 | 485.0 | 502.2 | 503.1 | 501.1 |
| 72.5°  | 2759.2 | 2004.5 | 741.5  | 402.1 | 389.9 | 405.1 | 437.5 | 469.8 | 486.0 | 484.0 | 481.9 |
| 75°    | 2247.9 | 1616.5 | 604.2  | 367.8 | 361.7 | 378.9 | 408.2 | 438.4 | 449.6 | 444.6 | 442.5 |
| 77.5°  | 1780.1 | 1260.9 | 495.0  | 334.4 | 333.4 | 348.5 | 371.8 | 394.0 | 400.1 | 391.0 | 389.9 |
| 80°    | 1368.0 | 963.8  | 405.1  | 307.1 | 304.1 | 315.2 | 331.3 | 346.6 | 350.6 | 341.5 | 339.4 |
| 82.5°  | 1047.7 | 730.5  | 336.4  | 276.8 | 275.8 | 281.9 | 293.0 | 303.1 | 310.2 | 301.1 | 298.1 |
| 85°    | 757.7  | 534.5  | 282.8  | 244.5 | 245.5 | 248.6 | 255.6 | 262.7 | 272.8 | 269.8 | 265.8 |
| 87.5°  | 528.4  | 388.0  | 240.5  | 214.2 | 214.2 | 216.3 | 220.2 | 227.3 | 240.5 | 239.5 | 235.4 |
| 90°    | 359.7  | 279.9  | 202.0  | 186.9 | 183.9 | 184.8 | 187.9 | 192.0 | 204.1 | 203.1 | 200.1 |
| 92.5°  | 240.5  | 199.1  | 163.7  | 154.6 | 153.5 | 154.6 | 154.6 | 157.6 | 163.7 | 160.6 | 157.6 |
| 95°    | 160.6  | 143.4  | 130.3  | 125.3 | 123.3 | 124.3 | 124.3 | 122.2 | 126.3 | 121.2 | 118.3 |
| 97.5°  | 115.2  | 108.1  | 105.1  | 101.1 | 98.0  | 99.0  | 99.0  | 97.0  | 98.0  | 90.9  | 88.9  |
| 100°   | 87.9   | 85.9   | 85.9   | 81.8  | 78.8  | 79.8  | 79.8  | 78.8  | 77.7  | 69.7  | 68.7  |
| 102.5° | 69.7   | 68.7   | 69.7   | 66.7  | 63.6  | 65.7  | 64.7  | 63.6  | 61.6  | 54.5  | 53.5  |
| 105°   | 54.5   | 54.5   | 57.6   | 54.5  | 52.6  | 53.5  | 53.5  | 51.6  | 49.5  | 43.5  | 43.5  |
| 107.5° | 42.5   | 43.5   | 46.4   | 44.5  | 43.5  | 44.5  | 43.5  | 41.4  | 38.4  | 34.4  | 34.4  |



REPORT NUMBER: P254317

CATALOG NUMBER: LXF.LXT-AF24-90-D-U-T3-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110°   | 33.3 | 35.4 | 38.4 | 37.3 | 36.4 | 37.3 | 35.4 | 33.3 | 30.3 | 28.3 | 28.3 |
| 112.5° | 27.3 | 28.3 | 31.3 | 31.3 | 30.3 | 31.3 | 29.3 | 26.3 | 24.2 | 23.2 | 23.2 |
| 115°   | 22.2 | 24.2 | 26.3 | 26.3 | 26.3 | 26.3 | 24.2 | 21.2 | 19.2 | 19.2 | 19.2 |
| 117.5° | 19.2 | 20.3 | 22.2 | 22.2 | 22.2 | 22.2 | 20.3 | 17.2 | 15.1 | 16.2 | 16.2 |
| 120°   | 16.2 | 17.2 | 19.2 | 19.2 | 19.2 | 19.2 | 17.2 | 14.1 | 12.2 | 13.1 | 13.1 |
| 122.5° | 14.1 | 15.1 | 16.2 | 17.2 | 17.2 | 16.2 | 14.1 | 12.2 | 10.1 | 11.2 | 11.2 |
| 125°   | 13.1 | 14.1 | 14.1 | 15.1 | 14.1 | 14.1 | 12.2 | 10.1 | 9.1  | 10.1 | 10.1 |
| 127.5° | 12.2 | 13.1 | 13.1 | 13.1 | 13.1 | 11.2 | 10.1 | 8.1  | 7.1  | 8.1  | 9.1  |
| 130°   | 11.2 | 12.2 | 12.2 | 11.2 | 10.1 | 9.1  | 8.1  | 7.1  | 6.0  | 7.1  | 8.1  |
| 132.5° | 11.2 | 11.2 | 11.2 | 10.1 | 9.1  | 7.1  | 6.0  | 5.0  | 5.0  | 6.0  | 7.1  |
| 135°   | 9.1  | 9.1  | 9.1  | 8.1  | 6.0  | 5.0  | 4.1  | 4.1  | 4.1  | 5.0  | 5.0  |
| 137.5° | 7.1  | 8.1  | 7.1  | 6.0  | 5.0  | 4.1  | 3.1  | 3.1  | 3.1  | 4.1  | 4.1  |
| 140°   | 6.0  | 6.0  | 6.0  | 5.0  | 4.1  | 2.0  | 1.0  | 1.0  | 2.0  | 2.0  | 3.1  |
| 142.5° | 5.0  | 6.0  | 5.0  | 4.1  | 3.1  | 1.0  | 0.0  | 1.0  | 1.0  | 1.0  | 1.0  |
| 145°   | 5.0  | 5.0  | 4.1  | 3.1  | 2.0  | 1.0  | 0.0  | 0.0  | 1.0  | 0.0  | 0.0  |
| 147.5° | 4.1  | 4.1  | 3.1  | 2.0  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 3.1  | 3.1  | 3.1  | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 2.0  | 2.0  | 2.0  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 2.0  | 2.0  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 1.0  | 1.0  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 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)