

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: P254632

Luminaire Tested: **LXF.LXT-AF24-90-D-U-T4W-CL-7030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P254632  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1806-803-25)  
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-T4W-CL-7030  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 3000K, 1180mA 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: 8048 lumens  
Efficiency: N/A  
Efficacy: 85.6 lumens/watt  
Luminous Opening: Rectangular (W 1.17' x L: 1.17' x H: 0')  
IES Classification: Type IV - Medium - Non-Cutoff  
BUG Rating: B2 - U3 - G3

Input Watts (W): 94  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

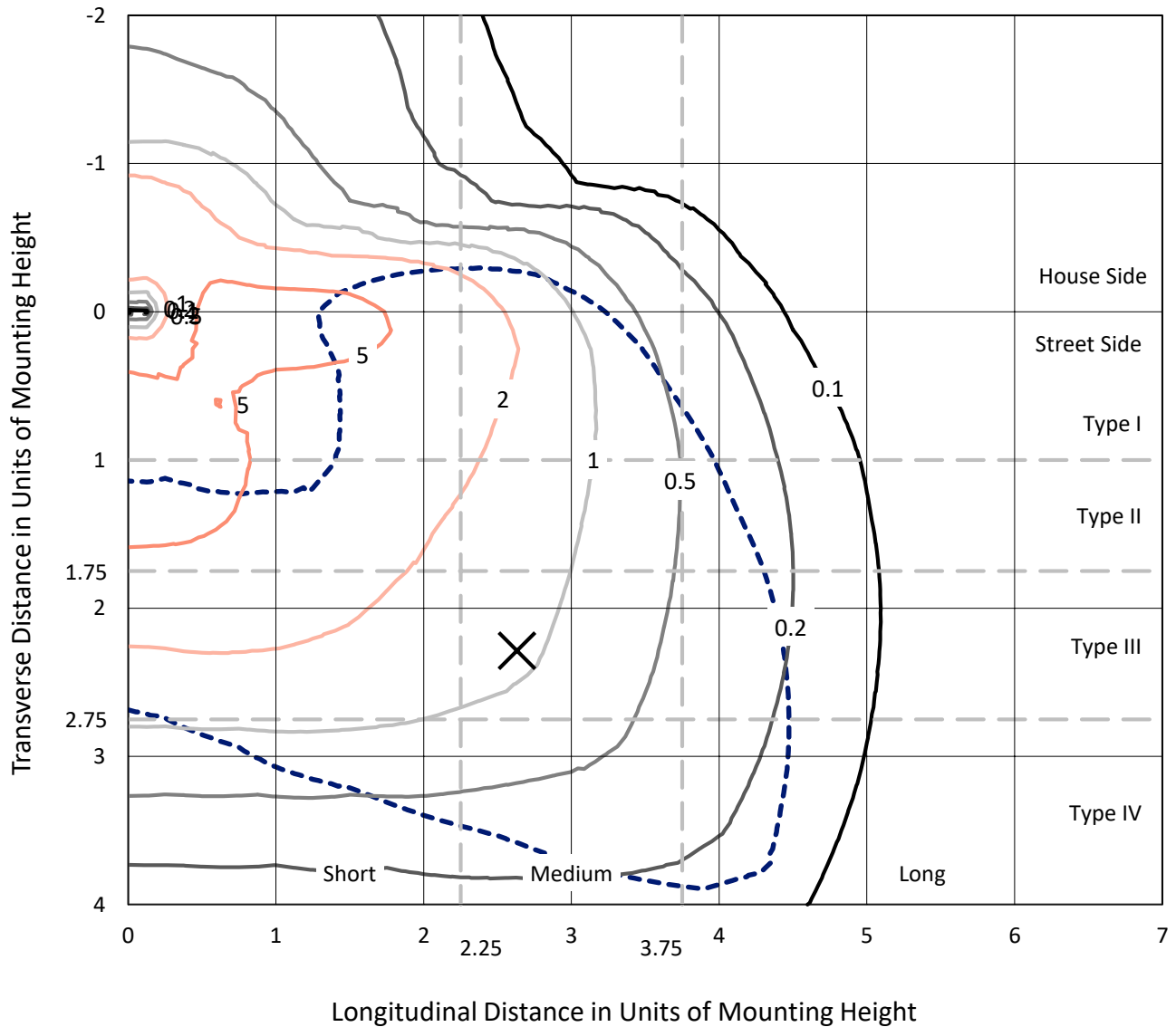


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

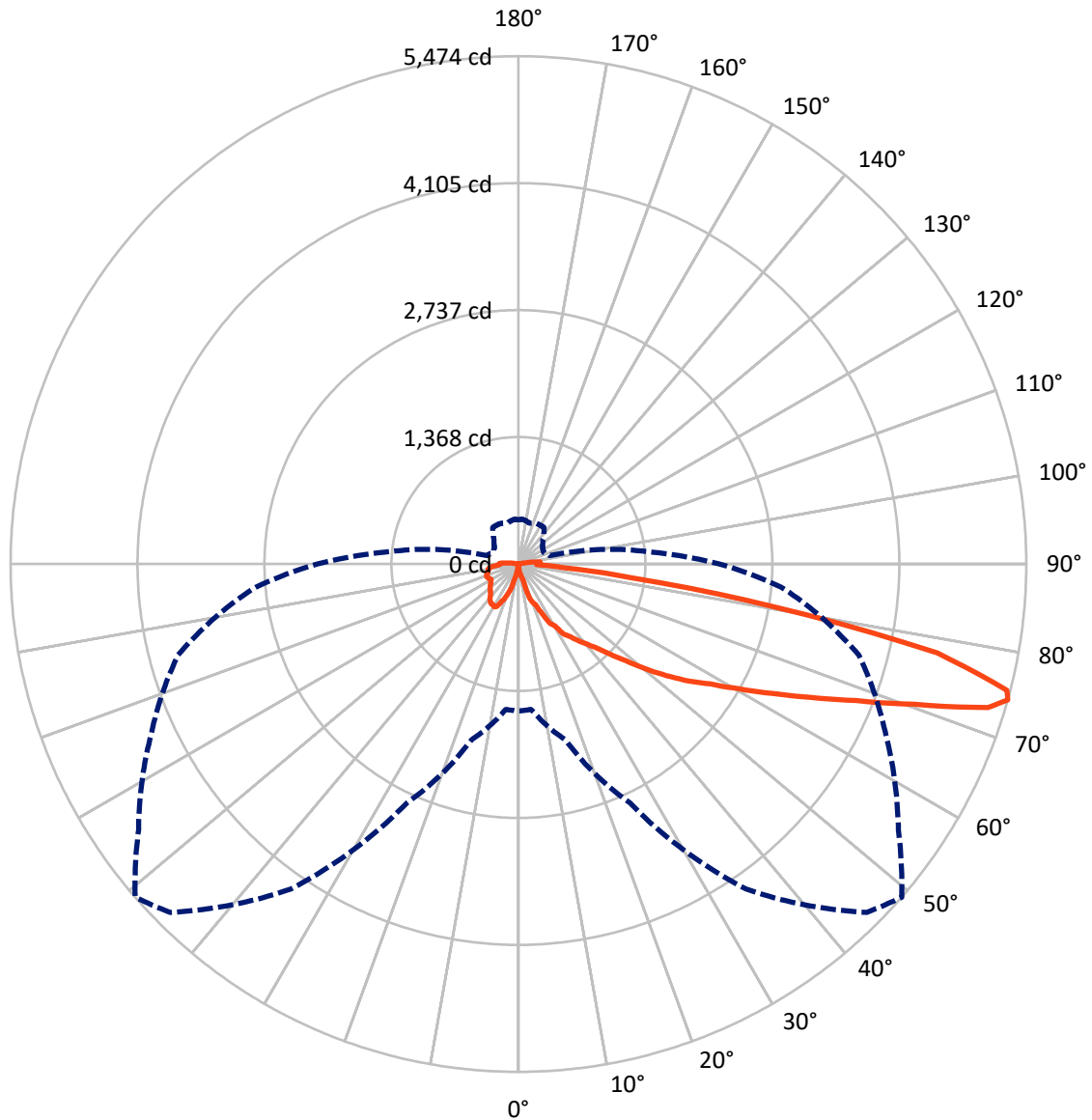


Based on 10 foot mounting height. Maximum calculated value = 9.5 fc  
 Type IV - Medium - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 49-Deg Lateral      - - - Horizontal Cone Through 74-Deg Vertical



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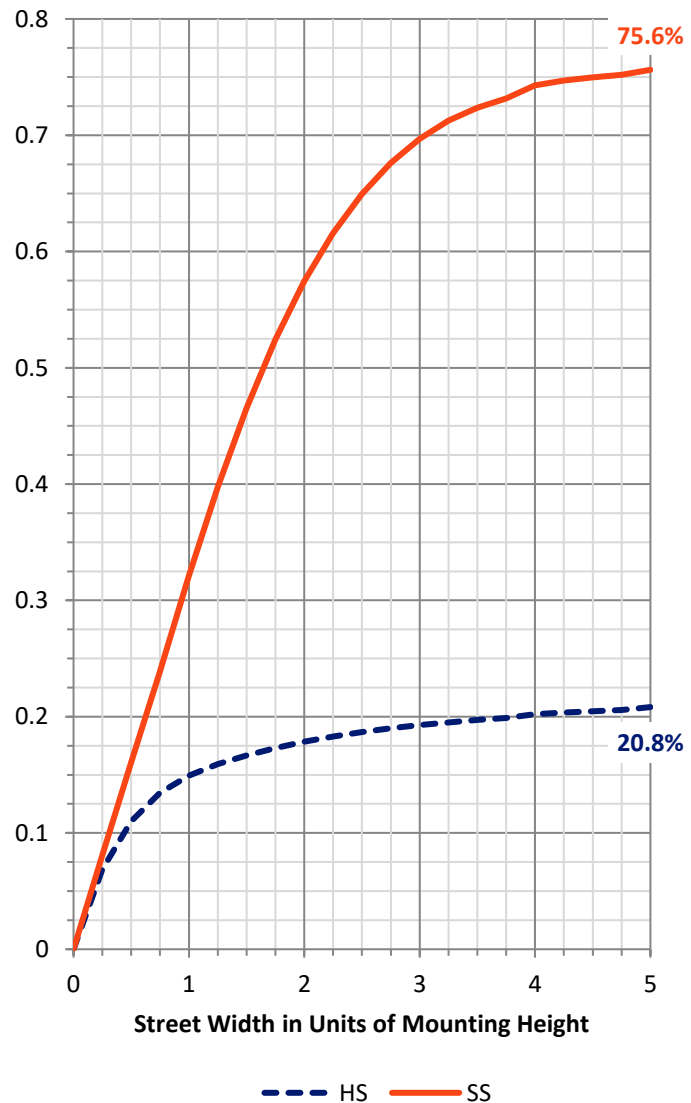
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1774.9   | 76.2   | 1851.1 |
|                    | % Fixture | 22.1     | 0.9    | 23.0   |
| <b>Street Side</b> | Lumens    | 6133.0   | 63.9   | 6196.9 |
|                    | % Fixture | 76.2     | 0.8    | 77.0   |
| <b>Total</b>       | Lumens    | 7907.9   | 140.1  | 8048.0 |
|                    | % Fixture | 98.3     | 1.7    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 4.5    | 0.1       |
| 10°-20°   | 72.4   | 0.9       |
| 20°-30°   | 274.7  | 3.4       |
| 30°-40°   | 583.7  | 7.3       |
| 40°-50°   | 959.5  | 11.9      |
| 50°-60°   | 1547.6 | 19.2      |
| 60°-70°   | 2236.0 | 27.8      |
| 70°-80°   | 1835.7 | 22.8      |
| 80°-90°   | 393.7  | 4.9       |
| 90°-100°  | 126.8  | 1.6       |
| 100°-110° | 10.0   | 0.1       |
| 110°-120° | 1.4    | 0.0       |
| 120°-130° | 1.0    | 0.0       |
| 130°-140° | 0.4    | 0.0       |
| 140°-150° | 0.4    | 0.0       |
| 150°-160° | 0.1    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 7907.9 | 98.3      |
| 0°-180°   | 8048.0 | 100.0     |

**Coefficient of Utilization**



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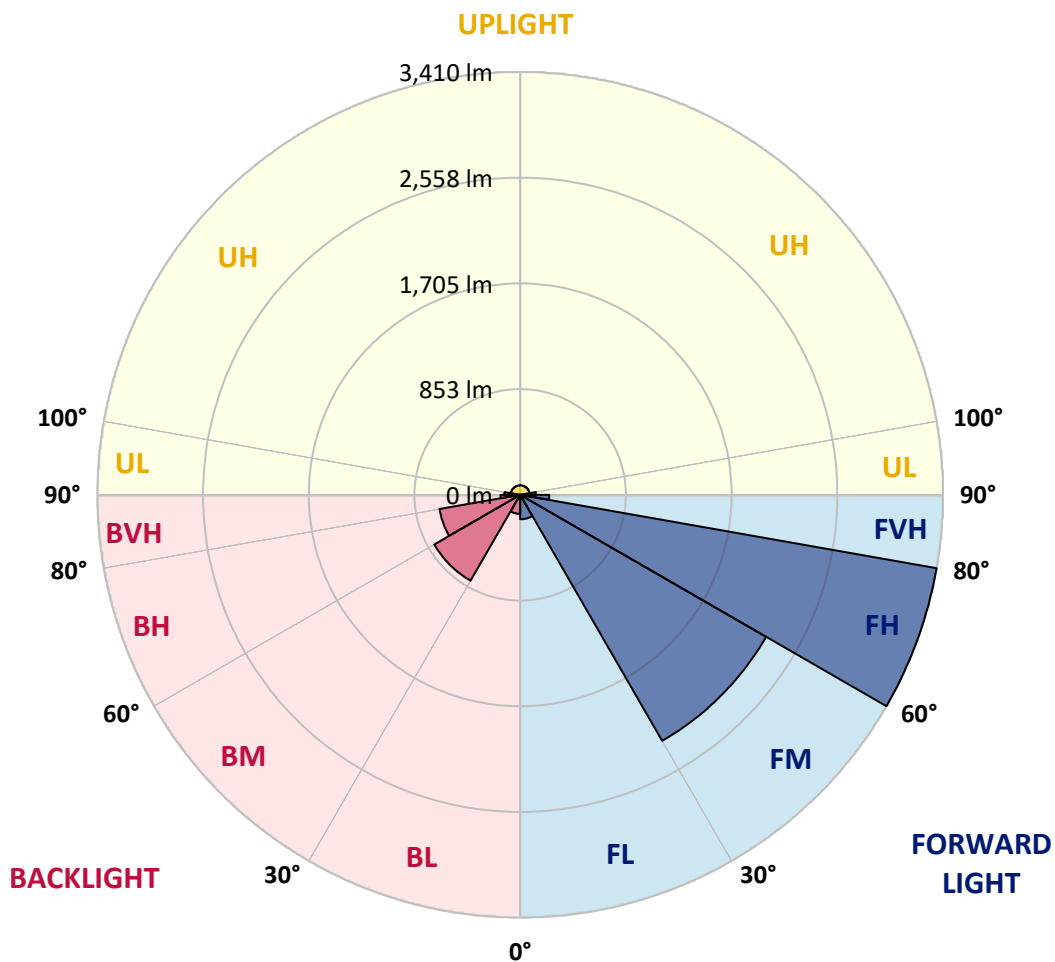
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|----------------|--------|-----------|-------------------------|--------|---------|
|                |        |           | B                       | U      | G       |
| FL (0°-30°)    | 197.2  | 2.5       |                         |        |         |
| FM (30°-60°)   | 2291.0 | 28.5      |                         |        |         |
| FH (60°-80°)   | 3410.4 | 42.4      |                         |        | G2/5000 |
| FVH (80°-90°)  | 234.3  | 2.9       |                         |        | G3/500  |
| BL (0°-30°)    | 154.3  | 1.9       | B1/500                  |        |         |
| BM (30°-60°)   | 799.8  | 9.9       | B1/1000                 |        |         |
| BH (60°-80°)   | 661.4  | 8.2       | B2/1000                 |        | G2/1000 |
| BVH (80°-90°)  | 159.4  | 2.0       |                         |        | G2/225  |
| UL (90°-100°)  | 126.8  | 1.6       |                         | U3/500 |         |
| UH (100°-180°) | 76.2   | 0.9       |                         | U3/500 |         |

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

Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 49°    | 55°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |
| 2.5°   | 6.7    | 5.7    | 4.8    | 3.9    | 3.9    | 2.8    | 2.8    | 2.8    | 3.9    | 3.9    | 3.9    |
| 5°     | 107.0  | 106.0  | 96.4   | 91.7   | 37.2   | 23.0   | 20.1   | 12.4   | 4.8    | 3.9    | 3.9    |
| 7.5°   | 127.1  | 125.1  | 122.3  | 128.0  | 119.4  | 104.2  | 95.5   | 55.4   | 15.3   | 4.8    | 3.9    |
| 10°    | 168.2  | 166.2  | 151.9  | 148.0  | 134.7  | 123.3  | 116.6  | 108.9  | 45.9   | 9.5    | 6.7    |
| 12.5°  | 318.1  | 307.6  | 299.0  | 253.2  | 171.0  | 138.5  | 137.5  | 128.9  | 107.9  | 97.5   | 118.4  |
| 15°    | 359.1  | 349.6  | 335.2  | 332.3  | 303.7  | 183.3  | 168.2  | 232.0  | 275.2  | 206.3  | 211.1  |
| 17.5°  | 406.9  | 411.7  | 392.6  | 352.5  | 327.6  | 350.5  | 385.9  | 341.0  | 301.8  | 251.2  | 255.0  |
| 20°    | 573.1  | 569.2  | 554.0  | 508.2  | 415.5  | 451.8  | 439.3  | 431.7  | 352.5  | 464.3  | 450.8  |
| 22.5°  | 595.0  | 594.1  | 586.5  | 558.8  | 597.0  | 481.4  | 477.6  | 532.0  | 524.3  | 533.9  | 514.8  |
| 25°    | 780.3  | 788.0  | 763.1  | 598.8  | 628.5  | 615.1  | 593.2  | 646.6  | 586.5  | 591.2  | 659.1  |
| 27.5°  | 817.6  | 813.8  | 800.5  | 767.0  | 664.8  | 728.8  | 723.1  | 685.8  | 761.2  | 802.3  | 807.1  |
| 30°    | 1028.6 | 1001.9 | 865.4  | 833.8  | 802.3  | 763.1  | 773.7  | 816.6  | 850.0  | 838.6  | 885.4  |
| 32.5°  | 1130.9 | 1124.2 | 1102.2 | 978.1  | 868.2  | 845.3  | 900.8  | 916.0  | 896.9  | 1062.1 | 1143.3 |
| 35°    | 1471.8 | 1441.3 | 1265.5 | 1084.1 | 967.6  | 955.2  | 960.8  | 960.0  | 1090.7 | 1120.4 | 1232.1 |
| 37.5°  | 1898.8 | 1858.7 | 1720.2 | 1329.5 | 1056.4 | 1000.0 | 1047.8 | 1096.5 | 1141.4 | 1227.3 | 1313.3 |
| 40°    | 2149.0 | 2128.1 | 2017.3 | 1643.8 | 1232.1 | 1087.9 | 1134.6 | 1158.5 | 1217.8 | 1288.5 | 1432.7 |
| 42.5°  | 2341.1 | 2339.1 | 2269.5 | 1865.4 | 1471.8 | 1227.3 | 1235.9 | 1238.8 | 1282.7 | 1397.3 | 1568.3 |
| 45°    | 2471.9 | 2470.1 | 2482.4 | 2073.6 | 1701.0 | 1386.0 | 1386.8 | 1352.5 | 1384.0 | 1533.0 | 1756.5 |
| 47.5°  | 2634.2 | 2605.7 | 2634.2 | 2294.2 | 1899.8 | 1574.1 | 1556.8 | 1476.6 | 1542.5 | 1721.2 | 2018.2 |
| 50°    | 2796.6 | 2769.9 | 2781.4 | 2467.1 | 2096.5 | 1803.4 | 1772.7 | 1665.7 | 1756.5 | 1958.0 | 2342.0 |
| 52.5°  | 3008.7 | 2974.2 | 2922.6 | 2649.5 | 2363.1 | 2042.0 | 1999.1 | 1912.1 | 1996.2 | 2255.9 | 2750.8 |
| 55°    | 3164.3 | 3139.6 | 3122.3 | 2908.4 | 2551.2 | 2254.1 | 2224.5 | 2126.1 | 2353.5 | 2589.3 | 3187.3 |
| 57.5°  | 3285.7 | 3295.3 | 3347.8 | 3225.6 | 2904.5 | 2487.2 | 2439.4 | 2398.3 | 2690.6 | 2983.9 | 3655.3 |
| 60°    | 3413.7 | 3395.6 | 3524.4 | 3520.7 | 3203.6 | 2721.2 | 2730.7 | 2725.0 | 3034.4 | 3360.2 | 4198.9 |
| 62.5°  | 3406.0 | 3420.4 | 3652.4 | 3729.8 | 3460.5 | 3033.5 | 3070.7 | 3060.3 | 3386.9 | 3734.6 | 4601.9 |
| 65°    | 3097.5 | 3139.6 | 3644.8 | 3821.6 | 3778.5 | 3403.2 | 3465.2 | 3456.6 | 3794.8 | 4053.6 | 4856.9 |
| 67.5°  | 2895.1 | 2948.5 | 3425.2 | 3895.9 | 4080.4 | 3876.9 | 3926.6 | 3895.1 | 4086.1 | 4231.3 | 4857.8 |
| 70°    | 2683.0 | 2720.2 | 3144.4 | 3925.5 | 4406.1 | 4494.9 | 4526.4 | 4331.6 | 4328.8 | 4332.5 | 4459.5 |
| 72.5°  | 2183.4 | 2188.3 | 2572.2 | 3470.9 | 4547.4 | 5164.4 | 5291.4 | 4863.5 | 4454.7 | 4142.4 | 3582.7 |
| 74°    | 1584.6 | 1572.1 | 1963.7 | 2839.6 | 4276.2 | 5310.5 | 5473.9 | 4999.1 | 4370.7 | 3798.6 | 2839.6 |
| 75°    | 1143.3 | 1175.7 | 1466.1 | 2297.0 | 3858.7 | 5270.4 | 5437.7 | 4971.6 | 4196.8 | 3450.0 | 2309.5 |
| 77.5°  | 364.0  | 376.3  | 477.6  | 967.6  | 2363.1 | 4319.1 | 4615.2 | 4177.7 | 3196.0 | 2179.6 | 1193.8 |
| 80°    | 194.8  | 203.4  | 255.0  | 380.1  | 991.4  | 2507.3 | 2794.8 | 2426.9 | 1774.7 | 1095.6 | 653.3  |
| 82.5°  | 116.6  | 122.3  | 167.1  | 229.2  | 513.8  | 1041.1 | 1232.1 | 1009.5 | 864.4  | 630.4  | 456.6  |
| 85°    | 75.5   | 77.3   | 97.5   | 141.4  | 333.3  | 409.7  | 480.4  | 494.7  | 492.9  | 442.3  | 366.8  |
| 87.5°  | 42.1   | 42.9   | 45.9   | 60.2   | 152.9  | 214.9  | 195.8  | 239.8  | 286.6  | 284.6  | 324.7  |
| 90°    | 29.6   | 29.6   | 24.8   | 26.8   | 84.0   | 215.9  | 196.7  | 211.1  | 190.1  | 223.6  | 335.2  |
| 92.5°  | 27.8   | 28.6   | 23.0   | 23.9   | 66.8   | 212.1  | 236.9  | 235.9  | 194.8  | 234.1  | 337.2  |
| 95°    | 23.0   | 24.8   | 18.1   | 20.1   | 42.1   | 181.5  | 235.0  | 234.1  | 172.0  | 185.3  | 239.8  |
| 97.5°  | 18.1   | 19.1   | 12.4   | 15.3   | 24.8   | 92.7   | 141.4  | 134.7  | 90.6   | 78.3   | 93.6   |
| 100°   | 11.5   | 12.4   | 6.7    | 10.5   | 15.3   | 30.6   | 50.6   | 53.5   | 42.1   | 19.1   | 11.5   |
| 102.5° | 11.5   | 12.4   | 4.8    | 6.7    | 6.7    | 8.6    | 11.5   | 9.5    | 13.3   | 6.7    | 9.5    |
| 105°   | 11.5   | 12.4   | 3.9    | 2.8    | 1.8    | 2.8    | 1.8    | 2.8    | 4.8    | 5.7    | 11.5   |
| 107.5° | 8.6    | 9.5    | 1.8    | 1.8    | 1.0    | 1.8    | 1.8    | 1.8    | 2.8    | 4.8    | 10.5   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 49° | 55° | 65° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110°   | 5.7 | 5.7 | 1.0 | 1.0 | 0.0 | 1.8 | 1.8 | 1.8 | 2.8 | 3.9 | 5.7 |
| 112.5° | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 2.8 | 2.8 | 3.9 |
| 115°   | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.8 | 2.8 | 4.8 |
| 117.5° | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.8 | 2.8 | 4.8 |
| 120°   | 1.8 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.8 | 4.8 |
| 122.5° | 1.8 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.8 | 4.8 |
| 125°   | 1.8 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.8 | 4.8 |
| 127.5° | 1.8 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.8 | 3.9 |
| 130°   | 1.8 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.8 | 3.9 |
| 132.5° | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.8 | 2.8 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.8 | 1.8 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.8 | 1.8 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.8 | 1.8 |
| 142.5° | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.8 | 1.8 |
| 145°   | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.8 | 1.8 | 2.8 |
| 147.5° | 1.8 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 2.8 | 2.8 |
| 150°   | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.8 | 2.8 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.8 | 1.8 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.8 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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°     | 1.0    | 1.0    | 1.0    | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   |
| 2.5°   | 2.8    | 2.8    | 1.8    | 1.0   | 1.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 5°     | 2.8    | 2.8    | 1.8    | 1.8   | 1.0   | 1.0   | 1.8   | 2.8   | 4.8   | 6.7   | 6.7   |
| 7.5°   | 3.9    | 2.8    | 2.8    | 2.8   | 2.8   | 13.3  | 48.7  | 85.0  | 107.0 | 114.6 | 112.7 |
| 10°    | 6.7    | 5.7    | 5.7    | 5.7   | 28.6  | 93.6  | 125.1 | 128.0 | 137.5 | 139.5 | 138.5 |
| 12.5°  | 143.2  | 122.3  | 76.4   | 36.3  | 100.3 | 130.9 | 136.6 | 146.2 | 152.9 | 200.6 | 210.1 |
| 15°    | 212.1  | 209.1  | 203.4  | 214.9 | 233.0 | 149.9 | 184.3 | 246.4 | 278.9 | 291.2 | 295.1 |
| 17.5°  | 254.0  | 250.2  | 234.1  | 271.3 | 287.5 | 284.6 | 275.2 | 295.1 | 299.9 | 311.4 | 310.4 |
| 20°    | 461.3  | 451.8  | 403.0  | 320.0 | 300.9 | 378.2 | 310.4 | 311.4 | 386.8 | 431.7 | 427.9 |
| 22.5°  | 509.0  | 504.3  | 477.6  | 470.0 | 405.1 | 400.2 | 415.5 | 426.0 | 459.4 | 475.6 | 473.7 |
| 25°    | 660.9  | 655.2  | 531.1  | 487.1 | 493.9 | 424.0 | 495.7 | 463.3 | 477.6 | 520.5 | 514.8 |
| 27.5°  | 819.6  | 806.2  | 708.8  | 594.1 | 494.7 | 527.2 | 499.6 | 546.3 | 595.0 | 620.8 | 623.7 |
| 30°    | 895.9  | 872.0  | 758.4  | 624.6 | 542.5 | 521.5 | 525.3 | 596.0 | 604.6 | 626.6 | 631.3 |
| 32.5°  | 1183.4 | 1163.4 | 966.6  | 641.9 | 543.4 | 498.6 | 552.1 | 582.7 | 674.3 | 722.1 | 725.9 |
| 35°    | 1264.5 | 1247.4 | 975.2  | 720.1 | 524.3 | 516.7 | 522.5 | 606.5 | 653.3 | 687.7 | 693.5 |
| 37.5°  | 1352.5 | 1322.9 | 991.4  | 676.2 | 539.6 | 481.4 | 505.3 | 551.1 | 632.3 | 691.5 | 706.8 |
| 40°    | 1476.6 | 1423.2 | 981.9  | 630.4 | 501.5 | 470.0 | 468.0 | 522.5 | 557.8 | 586.5 | 591.2 |
| 42.5°  | 1635.2 | 1543.5 | 987.6  | 587.4 | 467.1 | 437.5 | 445.1 | 470.0 | 482.4 | 484.2 | 484.2 |
| 45°    | 1830.1 | 1693.4 | 1012.4 | 552.1 | 438.4 | 422.2 | 425.0 | 431.7 | 433.6 | 410.7 | 407.9 |
| 47.5°  | 2092.8 | 1886.4 | 1033.5 | 524.3 | 417.4 | 411.7 | 403.0 | 406.9 | 399.3 | 368.6 | 364.8 |
| 50°    | 2404.0 | 2116.6 | 1051.6 | 491.8 | 398.2 | 397.3 | 395.4 | 381.1 | 367.7 | 339.0 | 335.2 |
| 52.5°  | 2737.4 | 2388.9 | 1061.1 | 456.6 | 383.1 | 385.9 | 387.8 | 364.0 | 344.8 | 322.9 | 320.9 |
| 55°    | 3173.0 | 2706.0 | 1084.1 | 424.0 | 364.8 | 370.6 | 381.1 | 357.2 | 339.0 | 324.7 | 333.3 |
| 57.5°  | 3602.9 | 3057.4 | 1065.0 | 394.4 | 351.5 | 356.3 | 372.5 | 363.0 | 354.3 | 354.3 | 356.3 |
| 60°    | 4019.2 | 3362.1 | 946.5  | 370.6 | 339.0 | 344.8 | 379.2 | 396.4 | 395.4 | 413.5 | 418.4 |
| 62.5°  | 4299.2 | 3520.7 | 771.7  | 349.6 | 328.6 | 350.5 | 410.7 | 450.8 | 444.1 | 451.8 | 455.6 |
| 65°    | 4412.8 | 3511.0 | 588.4  | 334.4 | 321.9 | 375.5 | 447.0 | 486.2 | 461.3 | 444.1 | 440.4 |
| 67.5°  | 4292.4 | 3299.9 | 477.6  | 321.9 | 321.9 | 398.2 | 477.6 | 488.1 | 461.3 | 462.2 | 455.6 |
| 70°    | 3804.3 | 2808.1 | 410.7  | 309.4 | 326.6 | 394.4 | 492.9 | 485.2 | 462.2 | 478.5 | 468.9 |
| 72.5°  | 2855.0 | 2001.0 | 368.6  | 300.9 | 324.7 | 379.2 | 484.2 | 484.2 | 465.1 | 496.7 | 487.1 |
| 74°    | 2165.3 | 1449.9 | 350.5  | 297.9 | 315.2 | 371.6 | 481.4 | 479.4 | 457.5 | 485.2 | 475.6 |
| 75°    | 1705.9 | 1108.0 | 339.0  | 294.2 | 309.4 | 366.8 | 476.6 | 474.7 | 453.7 | 483.3 | 475.6 |
| 77.5°  | 872.0  | 578.8  | 312.4  | 287.5 | 295.1 | 360.1 | 464.3 | 465.1 | 438.4 | 466.1 | 460.4 |
| 80°    | 555.9  | 438.4  | 277.9  | 265.5 | 284.6 | 361.0 | 456.6 | 451.8 | 421.2 | 451.8 | 438.4 |
| 82.5°  | 443.1  | 361.9  | 225.4  | 230.2 | 271.3 | 355.3 | 451.8 | 429.8 | 399.3 | 445.1 | 399.3 |
| 85°    | 355.3  | 304.8  | 155.7  | 170.0 | 240.7 | 326.6 | 430.8 | 384.9 | 353.5 | 360.1 | 354.3 |
| 87.5°  | 299.9  | 246.4  | 73.5   | 110.8 | 188.2 | 250.2 | 320.0 | 297.9 | 274.1 | 285.6 | 273.1 |
| 90°    | 303.7  | 236.9  | 52.6   | 85.0  | 170.0 | 208.2 | 255.0 | 223.6 | 210.1 | 213.9 | 206.3 |
| 92.5°  | 295.1  | 226.3  | 53.5   | 70.7  | 166.2 | 228.3 | 269.4 | 228.3 | 201.6 | 193.9 | 187.2 |
| 95°    | 199.6  | 156.7  | 49.7   | 55.4  | 106.0 | 179.5 | 217.8 | 172.8 | 140.4 | 124.1 | 119.4 |
| 97.5°  | 76.4   | 68.8   | 42.9   | 45.9  | 55.4  | 95.5  | 126.0 | 110.8 | 75.5  | 54.4  | 51.6  |
| 100°   | 11.5   | 19.1   | 35.3   | 42.9  | 32.4  | 36.3  | 52.6  | 59.2  | 38.2  | 3.9   | 2.8   |
| 102.5° | 12.4   | 10.5   | 14.3   | 32.4  | 19.1  | 7.6   | 16.3  | 32.4  | 21.0  | 1.8   | 1.8   |
| 105°   | 14.3   | 11.5   | 5.7    | 14.3  | 4.8   | 1.0   | 1.0   | 6.7   | 4.8   | 1.0   | 1.8   |
| 107.5° | 12.4   | 10.5   | 3.9    | 2.8   | 1.0   | 1.0   | 0.0   | 0.0   | 0.0   | 1.0   | 1.8   |



REPORT NUMBER: P254632

CATALOG NUMBER: LXF.LXT-AF24-90-D-U-T4W-CL-7030

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 110°   | 6.7 | 6.7 | 3.9  | 1.8  | 1.0  | 1.0  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  |
| 112.5° | 4.8 | 4.8 | 2.8  | 1.8  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 1.8  | 2.8  |
| 115°   | 5.7 | 4.8 | 2.8  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 2.8  | 2.8  |
| 117.5° | 5.7 | 5.7 | 2.8  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 2.8  | 3.9  |
| 120°   | 5.7 | 5.7 | 2.8  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 2.8  | 2.8  |
| 122.5° | 5.7 | 4.8 | 2.8  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 1.8  | 2.8  |
| 125°   | 4.8 | 4.8 | 2.8  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  |
| 127.5° | 4.8 | 4.8 | 2.8  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 1.0  | 1.8  |
| 130°   | 3.9 | 3.9 | 1.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 1.0  |
| 132.5° | 2.8 | 2.8 | 1.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 2.8 | 1.8 | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 1.8 | 1.8 | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 1.8 | 1.8 | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 1.8 | 1.8 | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 1.8 | 1.8 | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 2.8 | 1.8 | 1.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 2.8 | 1.8 | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 1.8 | 1.8 | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 1.0 | 1.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 1.0 | 0.0 | 0.0  | 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)