

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: P254688

Luminaire Tested: **LXF.LXT-AF24-20-D-U-SL3-CL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P254688  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1806-803-26)  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-AF24-20-D-U-SL3-CL  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 4000K, 260mA LIGHT ENGINE WITH 24 LEDS AND TYPE III SPILL  
LIGHT ELIMINATOR OPTICS AND CLEAR LENS PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2294.5 lumens  
Efficiency: N/A  
Efficacy: 109.3 lumens/watt  
Luminous Opening: Rectangular (W 1.17' x L: 1.17' x H: 0')  
IES Classification: Type III - Medium - Non-Cutoff  
BUG Rating: B1 - U2 - G1

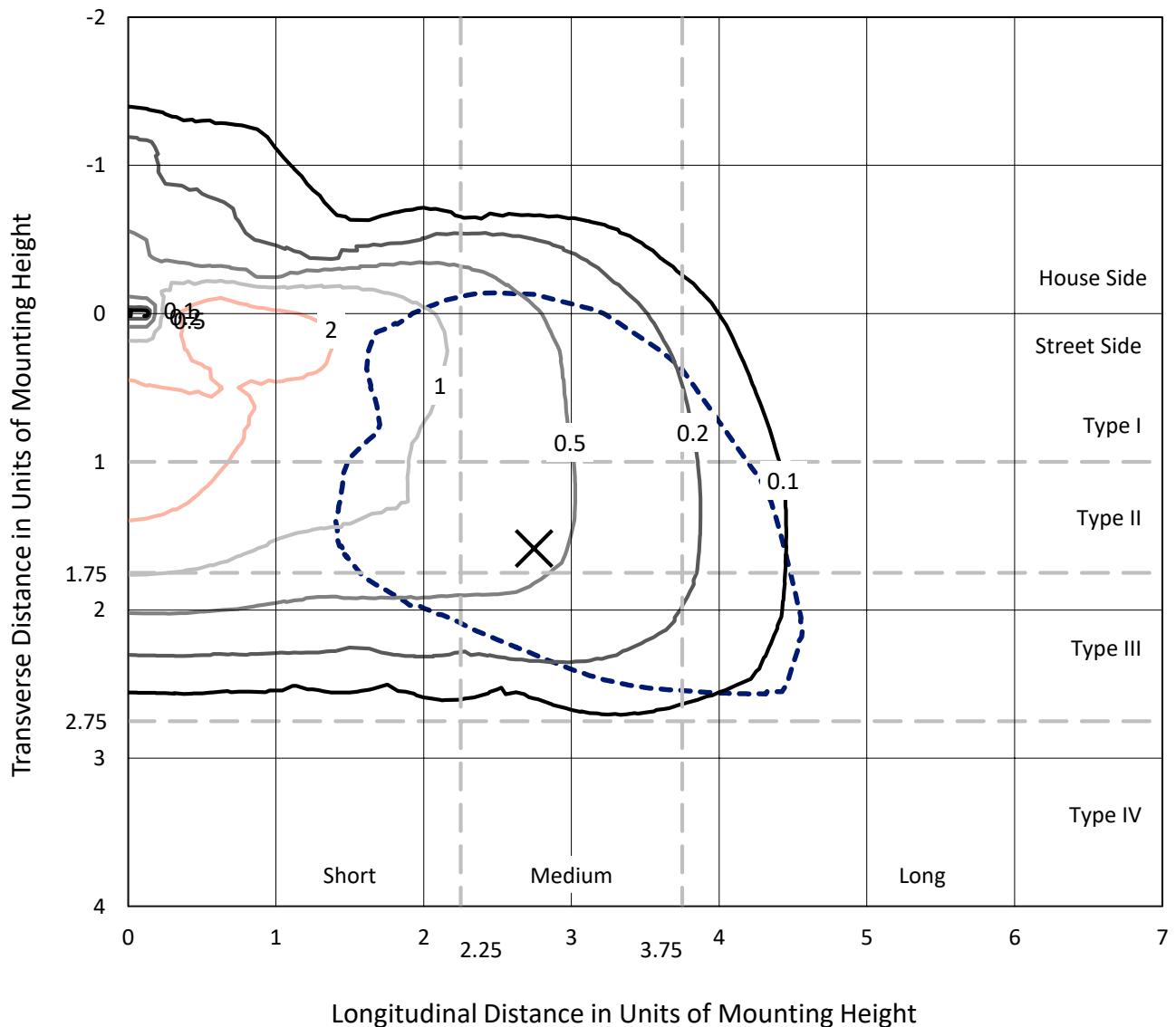
Input Watts (W): 21  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

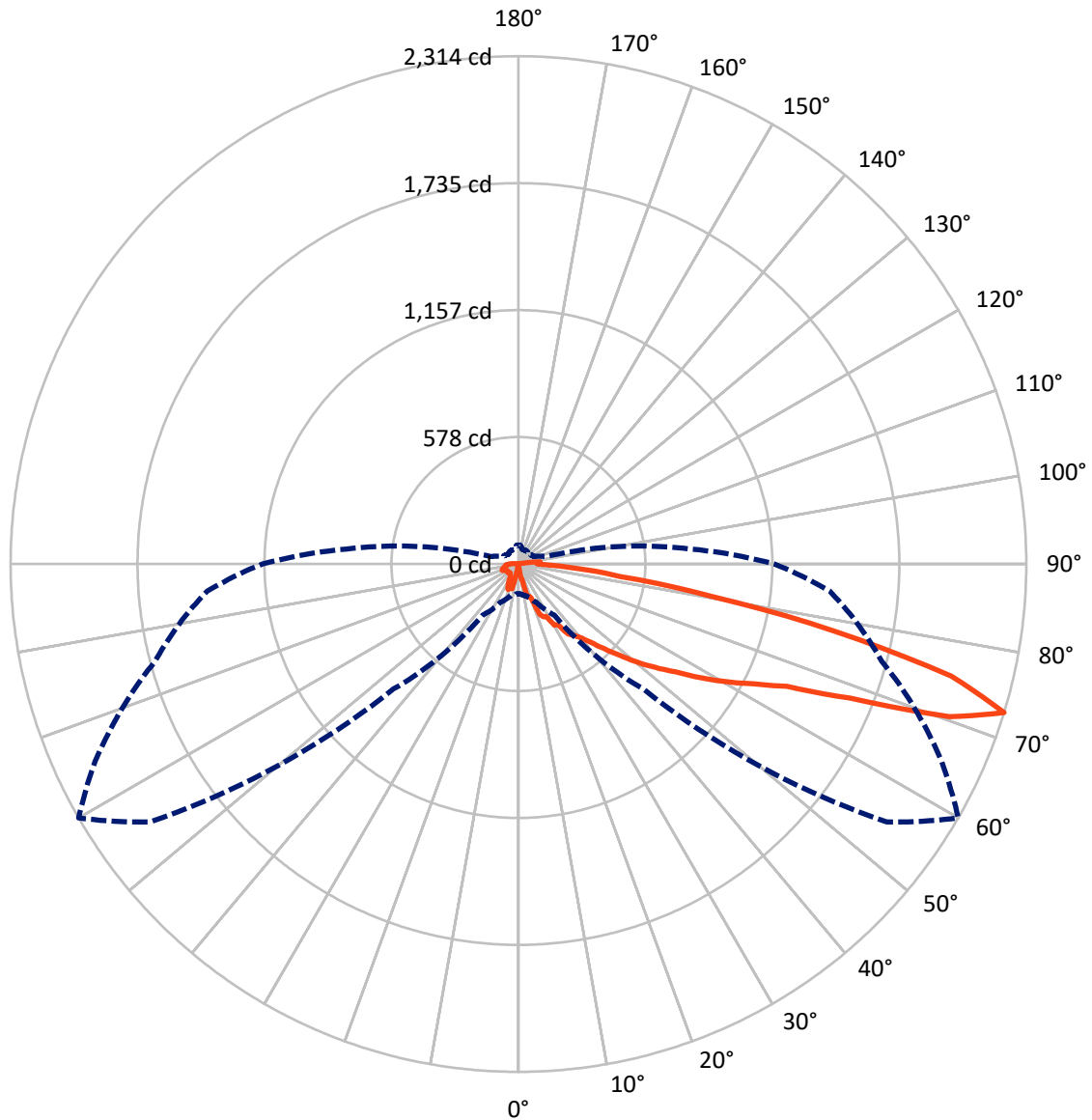
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.2 fc  
 Type III - Medium - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral    - - - Horizontal Cone Through 72.5-Deg Vertical



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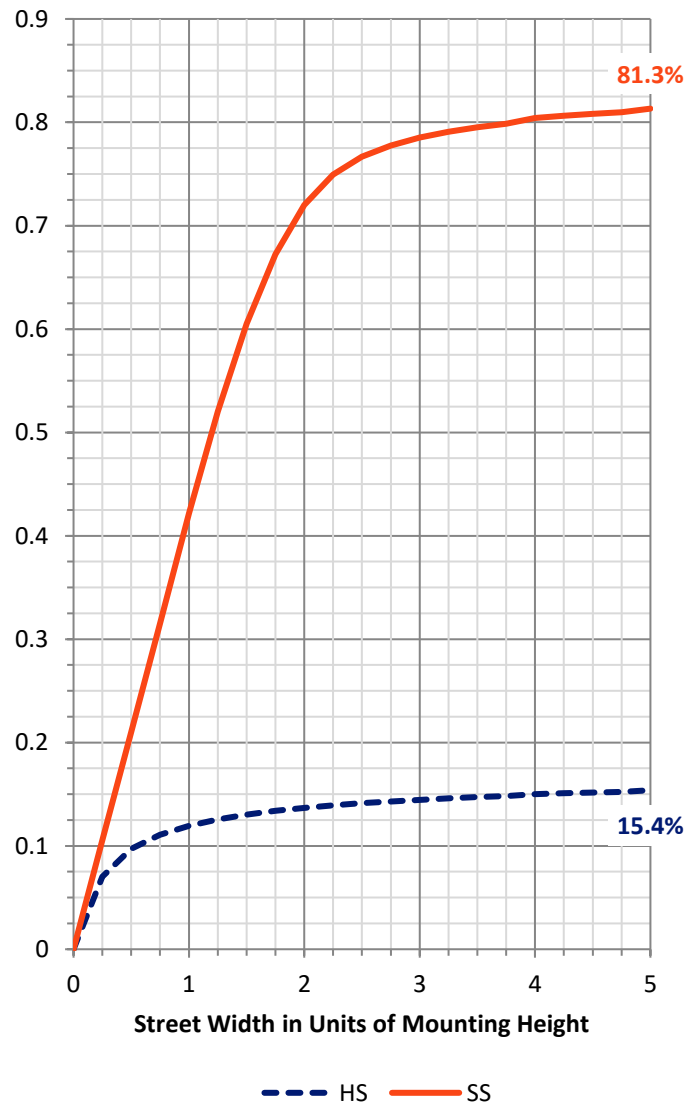
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 372.3    | 14.9   | 387.3  |
|                    | % Fixture | 16.2     | 0.7    | 16.9   |
| <b>Street Side</b> | Lumens    | 1888.1   | 19.1   | 1907.2 |
|                    | % Fixture | 82.3     | 0.8    | 83.1   |
| <b>Total</b>       | Lumens    | 2260.4   | 34.1   | 2294.5 |
|                    | % Fixture | 98.5     | 1.5    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.5    | 0.1       |
| 10°-20°   | 30.8   | 1.3       |
| 20°-30°   | 90.2   | 3.9       |
| 30°-40°   | 179.7  | 7.8       |
| 40°-50°   | 309.0  | 13.5      |
| 50°-60°   | 472.7  | 20.6      |
| 60°-70°   | 595.8  | 26.0      |
| 70°-80°   | 474.2  | 20.7      |
| 80°-90°   | 105.5  | 4.6       |
| 90°-100°  | 29.7   | 1.3       |
| 100°-110° | 2.9    | 0.1       |
| 110°-120° | 0.6    | 0.0       |
| 120°-130° | 0.4    | 0.0       |
| 130°-140° | 0.2    | 0.0       |
| 140°-150° | 0.2    | 0.0       |
| 150°-160° | 0.1    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 2260.4 | 98.5      |
| 0°-180°   | 2294.5 | 100.0     |

**Coefficient of Utilization**



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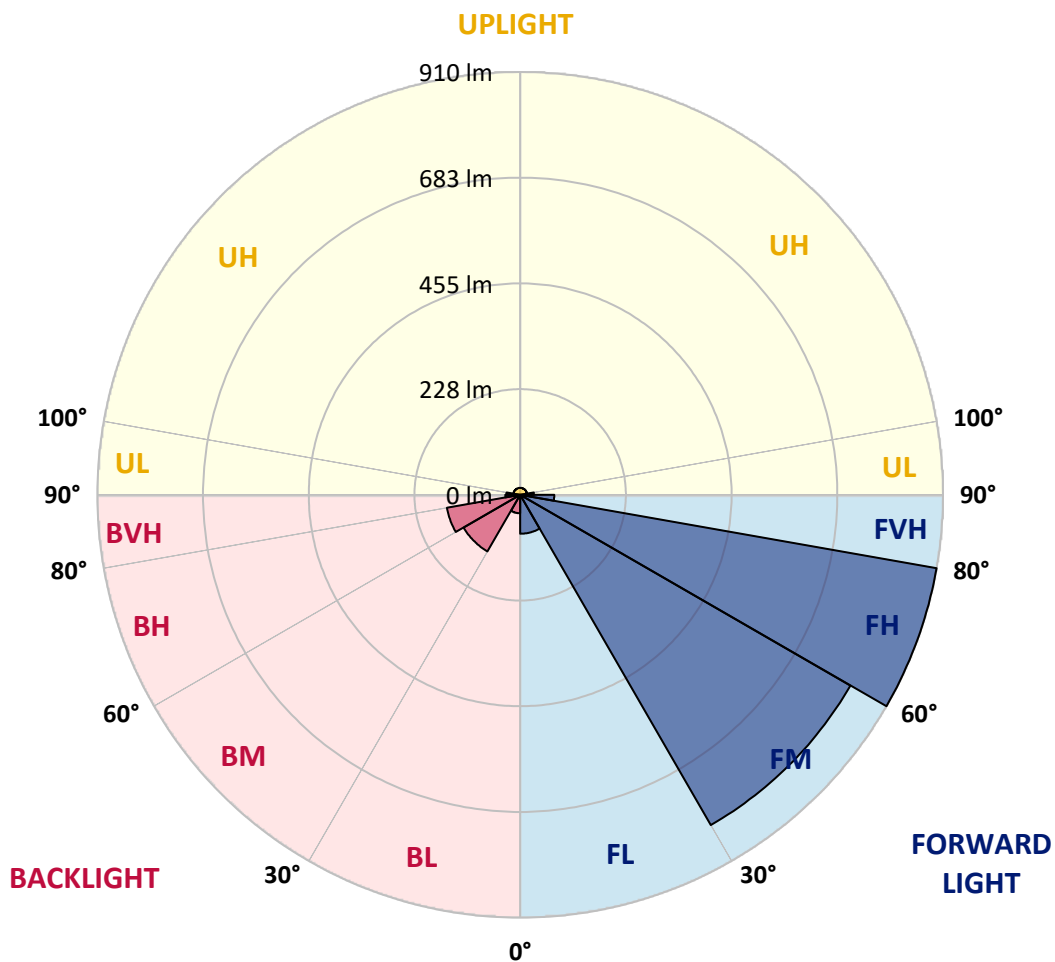
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 83.8   | 3.7       |                         |       |         |
| FM   | (30°-60°)   | 820.8  | 35.8      |                         |       |         |
| FH   | (60°-80°)   | 910.1  | 39.7      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 73.4   | 3.2       |                         |       | G1/100  |
| BL   | (0°-30°)    | 39.7   | 1.7       | B0/110                  |       |         |
| BM   | (30°-60°)   | 140.6  | 6.1       | B0/220                  |       |         |
| BH   | (60°-80°)   | 160.0  | 7.0       | B1/500                  |       | G1/500  |
| BVH  | (80°-90°)   | 32.1   | 1.4       |                         |       | G1/100  |
| UL   | (90°-100°)  | 29.7   | 1.3       |                         | U2/50 |         |
| UH   | (100°-180°) | 14.9   | 0.7       |                         | U2/50 |         |

**BUG Rating: B1-U2-G1**

Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°   | 25°   | 35°   | 45°    | 55°    | 60°    | 65°    | 75°    | 85°    |
|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0°     | 0.6    | 0.6    | 0.6   | 0.6   | 0.6   | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    |
| 2.5°   | 1.1    | 1.4    | 1.1   | 1.4   | 1.4   | 1.1    | 0.8    | 1.1    | 1.1    | 1.1    | 0.8    |
| 5°     | 70.3   | 71.1   | 63.5  | 49.7  | 9.6   | 6.8    | 2.3    | 1.4    | 1.4    | 1.1    | 1.1    |
| 7.5°   | 70.9   | 71.4   | 74.5  | 73.3  | 74.8  | 71.4   | 24.9   | 7.4    | 3.1    | 1.4    | 1.1    |
| 10°    | 76.2   | 75.9   | 75.1  | 76.8  | 76.5  | 72.8   | 70.3   | 67.2   | 15.2   | 1.9    | 1.7    |
| 12.5°  | 147.1  | 147.6  | 143.9 | 116.3 | 81.0  | 75.1   | 72.5   | 70.3   | 57.3   | 40.9   | 95.1   |
| 15°    | 148.2  | 147.3  | 143.4 | 149.6 | 147.3 | 86.1   | 120.5  | 153.9  | 155.0  | 115.2  | 132.4  |
| 17.5°  | 155.8  | 153.9  | 149.0 | 144.8 | 143.9 | 171.9  | 161.7  | 153.2  | 156.1  | 134.1  | 143.4  |
| 20°    | 212.0  | 210.0  | 207.5 | 202.3 | 154.2 | 196.2  | 195.6  | 163.5  | 164.8  | 267.6  | 260.9  |
| 22.5°  | 215.3  | 212.0  | 210.0 | 207.1 | 230.6 | 192.8  | 232.0  | 248.7  | 249.5  | 284.0  | 275.2  |
| 25°    | 286.2  | 285.1  | 267.3 | 215.3 | 230.1 | 219.3  | 266.2  | 266.8  | 261.1  | 298.6  | 328.0  |
| 27.5°  | 317.0  | 307.9  | 291.5 | 282.0 | 236.8 | 262.0  | 265.7  | 269.9  | 339.3  | 404.8  | 394.9  |
| 30°    | 426.0  | 414.1  | 325.5 | 317.0 | 280.6 | 265.9  | 306.6  | 322.6  | 350.9  | 406.4  | 409.0  |
| 32.5°  | 491.7  | 475.6  | 431.1 | 394.9 | 332.8 | 292.5  | 328.0  | 330.2  | 353.4  | 506.7  | 517.1  |
| 35°    | 607.7  | 586.6  | 482.9 | 439.8 | 388.7 | 348.3  | 339.8  | 392.9  | 424.5  | 529.0  | 535.4  |
| 37.5°  | 630.3  | 630.3  | 600.7 | 524.2 | 446.0 | 391.0  | 400.0  | 412.7  | 445.1  | 569.6  | 566.8  |
| 40°    | 652.6  | 655.1  | 660.8 | 595.9 | 508.1 | 453.4  | 440.4  | 442.3  | 472.8  | 616.2  | 604.1  |
| 42.5°  | 707.9  | 705.9  | 715.2 | 651.2 | 591.7 | 522.7  | 501.3  | 490.6  | 512.6  | 676.3  | 651.2  |
| 45°    | 803.6  | 803.6  | 796.6 | 709.3 | 654.9 | 592.2  | 571.8  | 552.1  | 560.1  | 735.3  | 715.9  |
| 47.5°  | 922.2  | 908.9  | 871.3 | 777.0 | 710.2 | 657.1  | 640.2  | 621.9  | 625.7  | 805.3  | 792.9  |
| 50°    | 1011.1 | 997.0  | 925.3 | 826.2 | 755.7 | 724.9  | 716.7  | 703.2  | 697.4  | 872.0  | 877.0  |
| 52.5°  | 1030.3 | 1013.0 | 949.8 | 856.4 | 793.7 | 794.8  | 803.3  | 783.9  | 765.5  | 943.6  | 962.0  |
| 55°    | 1006.9 | 997.3  | 957.7 | 879.2 | 829.6 | 854.2  | 891.4  | 866.8  | 858.7  | 1022.1 | 1044.4 |
| 57.5°  | 960.2  | 956.4  | 954.1 | 898.5 | 853.9 | 919.0  | 1004.5 | 977.2  | 955.7  | 1094.7 | 1104.0 |
| 60°    | 861.7  | 863.2  | 888.8 | 898.2 | 897.6 | 987.4  | 1109.9 | 1087.8 | 1046.7 | 1164.6 | 1174.6 |
| 62.5°  | 688.1  | 698.1  | 765.5 | 831.2 | 921.1 | 1091.8 | 1210.7 | 1203.0 | 1158.7 | 1244.5 | 1243.1 |
| 65°    | 434.4  | 453.6  | 553.8 | 702.6 | 889.1 | 1234.9 | 1373.5 | 1343.5 | 1285.7 | 1336.8 | 1358.0 |
| 67.5°  | 234.9  | 241.6  | 297.3 | 462.9 | 769.8 | 1302.1 | 1726.6 | 1628.6 | 1494.8 | 1484.7 | 1488.7 |
| 70°    | 169.6  | 171.7  | 186.0 | 255.7 | 481.3 | 1193.7 | 2038.2 | 2083.4 | 1826.0 | 1643.9 | 1539.2 |
| 72.5°  | 134.3  | 138.0  | 151.9 | 192.2 | 283.4 | 804.4  | 2048.7 | 2313.7 | 2127.4 | 1714.0 | 1423.4 |
| 75°    | 92.6   | 98.2   | 122.5 | 165.4 | 255.4 | 401.7  | 1666.5 | 2036.6 | 2053.8 | 1572.5 | 1131.3 |
| 77.5°  | 49.4   | 50.2   | 55.9  | 128.2 | 242.2 | 289.9  | 1076.6 | 1473.5 | 1470.1 | 1105.6 | 612.8  |
| 80°    | 40.1   | 40.6   | 42.9  | 55.3  | 207.5 | 295.8  | 577.8  | 892.2  | 817.4  | 429.6  | 223.3  |
| 82.5°  | 26.3   | 27.9   | 34.2  | 37.5  | 93.2  | 285.4  | 343.2  | 467.4  | 372.9  | 155.3  | 140.0  |
| 85°    | 15.5   | 17.2   | 24.9  | 27.6  | 44.3  | 333.1  | 307.9  | 281.4  | 215.3  | 109.8  | 105.3  |
| 87.5°  | 5.3    | 5.3    | 7.4   | 9.6   | 14.6  | 95.4   | 160.9  | 128.7  | 98.8   | 72.8   | 86.6   |
| 90°    | 2.9    | 3.1    | 1.7   | 1.7   | 6.4   | 29.4   | 86.1   | 85.5   | 67.2   | 71.4   | 92.6   |
| 92.5°  | 3.1    | 3.1    | 1.7   | 1.7   | 6.8   | 17.5   | 91.8   | 98.2   | 79.3   | 80.2   | 100.2  |
| 95°    | 3.4    | 3.7    | 1.4   | 1.4   | 6.4   | 12.2   | 80.7   | 99.9   | 77.6   | 72.5   | 87.3   |
| 97.5°  | 3.7    | 4.0    | 1.4   | 1.1   | 4.2   | 9.3    | 40.6   | 57.0   | 44.9   | 34.2   | 38.2   |
| 100°   | 3.4    | 3.7    | 0.8   | 0.8   | 1.9   | 6.2    | 15.5   | 21.2   | 19.2   | 7.9    | 4.5    |
| 102.5° | 3.4    | 3.7    | 0.8   | 0.6   | 0.8   | 3.4    | 3.4    | 7.9    | 4.8    | 2.6    | 3.7    |
| 105°   | 3.4    | 3.7    | 0.8   | 0.6   | 0.3   | 1.7    | 1.1    | 1.4    | 1.7    | 2.3    | 4.2    |
| 107.5° | 1.9    | 2.3    | 0.6   | 0.6   | 0.3   | 0.3    | 0.6    | 0.6    | 1.1    | 1.7    | 3.7    |
| 110°   | 0.8    | 0.8    | 0.3   | 0.3   | 0.0   | 0.3    | 0.3    | 0.6    | 1.1    | 1.4    | 1.9    |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 60° | 65° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 0.8 | 1.1 | 1.7 |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 1.1 | 1.9 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 1.1 | 1.9 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 1.1 | 1.9 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 1.1 | 1.9 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 1.1 | 1.9 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 1.1 | 1.7 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 1.1 | 1.7 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.8 | 1.1 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 0.8 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.6 | 0.8 |
| 140°   | 0.0 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 0.6 | 0.8 |
| 142.5° | 0.6 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.3 | 0.3 | 0.6 | 0.8 | 0.8 |
| 145°   | 0.8 | 0.6 | 0.6 | 0.3 | 0.0 | 0.0 | 0.3 | 0.6 | 0.8 | 0.8 | 0.8 |
| 147.5° | 0.8 | 0.8 | 0.6 | 0.3 | 0.0 | 0.0 | 0.3 | 0.6 | 0.8 | 1.1 | 1.1 |
| 150°   | 0.6 | 0.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 1.1 | 1.1 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 0.8 | 0.8 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 0.6 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 |
| 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°     | 0.6    | 0.6    | 0.6   | 0.6   | 0.6   | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  |
| 2.5°   | 0.8    | 0.8    | 0.8   | 0.6   | 0.3   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5°     | 0.8    | 0.8    | 0.8   | 0.6   | 0.3   | 0.0  | 0.0  | 0.0  | 0.3  | 0.3  | 0.6  |
| 7.5°   | 0.8    | 0.8    | 0.8   | 0.6   | 0.6   | 0.3  | 52.2 | 60.7 | 69.8 | 68.3 | 66.3 |
| 10°    | 1.4    | 1.4    | 1.4   | 1.1   | 3.4   | 62.7 | 70.3 | 67.2 | 65.8 | 65.2 | 66.1 |
| 12.5°  | 96.3   | 113.4  | 37.8  | 5.6   | 55.6  | 61.3 | 62.7 | 59.2 | 61.3 | 61.8 | 60.1 |
| 15°    | 132.1  | 129.6  | 119.1 | 122.5 | 108.9 | 59.0 | 56.2 | 83.6 | 83.3 | 83.0 | 83.0 |
| 17.5°  | 142.8  | 135.7  | 117.7 | 124.5 | 108.9 | 89.5 | 69.5 | 66.3 | 64.0 | 64.3 | 63.8 |
| 20°    | 257.2  | 240.5  | 186.0 | 121.1 | 95.4  | 95.6 | 59.0 | 51.0 | 64.0 | 74.8 | 76.2 |
| 22.5°  | 259.1  | 243.1  | 194.8 | 156.9 | 95.4  | 75.7 | 57.9 | 60.4 | 72.5 | 79.3 | 80.4 |
| 25°    | 326.0  | 294.7  | 191.4 | 132.7 | 95.6  | 61.6 | 61.6 | 58.1 | 66.1 | 75.4 | 76.8 |
| 27.5°  | 372.0  | 335.6  | 233.4 | 130.1 | 72.0  | 60.1 | 55.0 | 55.6 | 70.6 | 77.0 | 77.3 |
| 30°    | 372.6  | 329.7  | 219.6 | 109.3 | 59.8  | 52.2 | 49.7 | 58.1 | 61.8 | 66.1 | 66.3 |
| 32.5°  | 484.4  | 420.3  | 246.7 | 87.8  | 53.4  | 47.2 | 49.9 | 55.3 | 62.4 | 72.8 | 74.0 |
| 35°    | 484.4  | 413.3  | 214.8 | 80.7  | 50.5  | 47.5 | 51.4 | 59.2 | 59.5 | 67.4 | 69.2 |
| 37.5°  | 497.9  | 412.7  | 181.5 | 67.4  | 52.8  | 47.5 | 53.6 | 55.6 | 58.1 | 66.3 | 66.6 |
| 40°    | 519.0  | 418.6  | 148.4 | 61.6  | 52.2  | 51.7 | 52.2 | 54.7 | 54.2 | 59.5 | 59.8 |
| 42.5°  | 554.1  | 431.9  | 123.4 | 59.5  | 52.0  | 54.2 | 52.8 | 52.0 | 48.8 | 64.0 | 64.3 |
| 45°    | 605.5  | 462.1  | 105.0 | 59.5  | 52.2  | 57.9 | 54.5 | 50.2 | 47.2 | 77.3 | 79.6 |
| 47.5°  | 665.8  | 499.9  | 96.6  | 61.0  | 53.4  | 58.7 | 52.0 | 50.2 | 50.2 | 83.9 | 85.0 |
| 50°    | 738.2  | 543.4  | 92.6  | 62.1  | 57.0  | 58.1 | 53.6 | 53.4 | 55.6 | 77.9 | 77.6 |
| 52.5°  | 814.6  | 597.0  | 92.1  | 63.8  | 59.5  | 55.9 | 60.7 | 57.0 | 49.7 | 57.0 | 57.0 |
| 55°    | 890.6  | 663.1  | 91.1  | 64.3  | 58.1  | 57.3 | 62.1 | 50.8 | 42.4 | 46.3 | 46.9 |
| 57.5°  | 963.6  | 726.0  | 94.5  | 62.1  | 57.9  | 57.3 | 59.2 | 50.8 | 43.8 | 47.5 | 48.6 |
| 60°    | 1038.2 | 796.3  | 114.6 | 58.7  | 59.0  | 55.9 | 59.0 | 55.0 | 48.3 | 57.3 | 58.4 |
| 62.5°  | 1128.5 | 893.1  | 156.1 | 61.8  | 59.8  | 56.8 | 58.7 | 58.4 | 50.2 | 54.7 | 55.9 |
| 65°    | 1257.8 | 1001.0 | 180.7 | 72.8  | 62.4  | 59.2 | 58.7 | 63.2 | 56.2 | 53.4 | 53.6 |
| 67.5°  | 1346.4 | 1040.1 | 175.3 | 82.1  | 68.6  | 61.0 | 63.5 | 68.0 | 60.1 | 60.7 | 60.4 |
| 70°    | 1330.3 | 970.5  | 152.4 | 86.6  | 72.5  | 62.7 | 68.6 | 67.7 | 63.2 | 72.0 | 71.4 |
| 72.5°  | 1165.8 | 786.6  | 129.3 | 79.6  | 71.4  | 63.2 | 69.8 | 69.5 | 68.6 | 86.3 | 86.3 |
| 75°    | 868.3  | 527.8  | 112.0 | 73.1  | 68.3  | 62.7 | 68.3 | 68.8 | 68.3 | 88.4 | 88.9 |
| 77.5°  | 426.3  | 263.6  | 95.1  | 65.8  | 63.2  | 64.0 | 67.4 | 67.7 | 66.9 | 85.8 | 85.8 |
| 80°    | 190.6  | 144.5  | 72.5  | 55.3  | 61.0  | 67.4 | 67.7 | 65.2 | 66.3 | 81.3 | 81.0 |
| 82.5°  | 132.1  | 103.8  | 47.5  | 48.6  | 68.3  | 73.1 | 69.2 | 63.8 | 62.9 | 74.3 | 73.1 |
| 85°    | 96.0   | 76.5   | 29.1  | 41.2  | 74.8  | 69.2 | 65.5 | 57.6 | 55.0 | 62.9 | 61.6 |
| 87.5°  | 77.3   | 61.0   | 17.8  | 34.5  | 68.3  | 60.7 | 54.5 | 47.5 | 44.0 | 48.6 | 46.3 |
| 90°    | 83.6   | 65.8   | 17.8  | 29.9  | 56.2  | 45.4 | 40.1 | 35.3 | 31.9 | 32.2 | 30.8 |
| 92.5°  | 90.0   | 70.0   | 18.9  | 24.9  | 41.5  | 26.3 | 26.8 | 24.6 | 19.4 | 17.5 | 15.9 |
| 95°    | 69.5   | 52.5   | 16.7  | 20.6  | 24.9  | 16.1 | 20.6 | 18.6 | 13.3 | 9.3  | 7.9  |
| 97.5°  | 30.8   | 24.9   | 14.9  | 16.4  | 17.5  | 13.3 | 17.5 | 14.9 | 7.9  | 4.5  | 4.0  |
| 100°   | 3.7    | 6.2    | 13.0  | 15.9  | 12.7  | 9.0  | 11.6 | 9.0  | 3.4  | 1.1  | 0.8  |
| 102.5° | 4.0    | 2.9    | 5.6   | 14.1  | 7.4   | 2.9  | 3.4  | 3.4  | 1.4  | 0.6  | 0.6  |
| 105°   | 4.2    | 3.1    | 2.3   | 7.4   | 1.7   | 0.6  | 0.3  | 0.3  | 0.3  | 0.6  | 0.6  |
| 107.5° | 4.0    | 2.9    | 1.4   | 1.1   | 0.8   | 0.6  | 0.0  | 0.0  | 0.0  | 0.6  | 0.8  |
| 110°   | 2.3    | 1.9    | 1.4   | 1.1   | 0.8   | 0.6  | 0.0  | 0.0  | 0.0  | 0.8  | 1.1  |



REPORT NUMBER: P254688

CATALOG NUMBER: LXF.LXT-AF24-20-D-U-SL3-CL

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 1.7 | 1.7 | 1.1  | 0.8  | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  | 1.1  | 1.4  |
| 115°   | 1.9 | 1.7 | 1.1  | 0.8  | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  | 1.4  | 1.7  |
| 117.5° | 2.3 | 1.9 | 1.1  | 0.8  | 0.6  | 0.0  | 0.0  | 0.0  | 0.0  | 1.7  | 1.7  |
| 120°   | 2.3 | 1.9 | 1.1  | 0.8  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 1.4  | 1.7  |
| 122.5° | 2.3 | 1.9 | 1.1  | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 1.4  | 1.7  |
| 125°   | 1.9 | 1.9 | 1.1  | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 1.4  | 1.4  |
| 127.5° | 1.9 | 1.7 | 1.1  | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 1.1  | 1.4  |
| 130°   | 1.7 | 1.7 | 0.8  | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.8  | 1.1  |
| 132.5° | 1.4 | 1.1 | 0.8  | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.3  | 0.6  |
| 135°   | 0.8 | 0.8 | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.8 | 0.8 | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.8 | 0.8 | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.8 | 0.8 | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.8 | 0.8 | 0.8  | 0.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 1.1 | 1.1 | 0.8  | 0.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 1.1 | 1.1 | 0.8  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.8 | 0.8 | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.6 | 0.6 | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.3 | 0.3 | 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)