

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: P694537

Luminaire Tested: **LXF.LXT-PA16-20-730-U-T2U-CL**

Issue Date: 7/5/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P694537  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/5/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA16-20-730-U-T2U-CL  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 3000K, 420mA LIGHTSQUARE WITH 16 LEDS AND TYPE II U OPTICS  
AND CLEAR LENS PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2698 lumens  
Efficiency: N/A  
Efficacy: 123.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')  
IES Classification: Type II - Short  
BUG Rating: B1 - U2 - G1

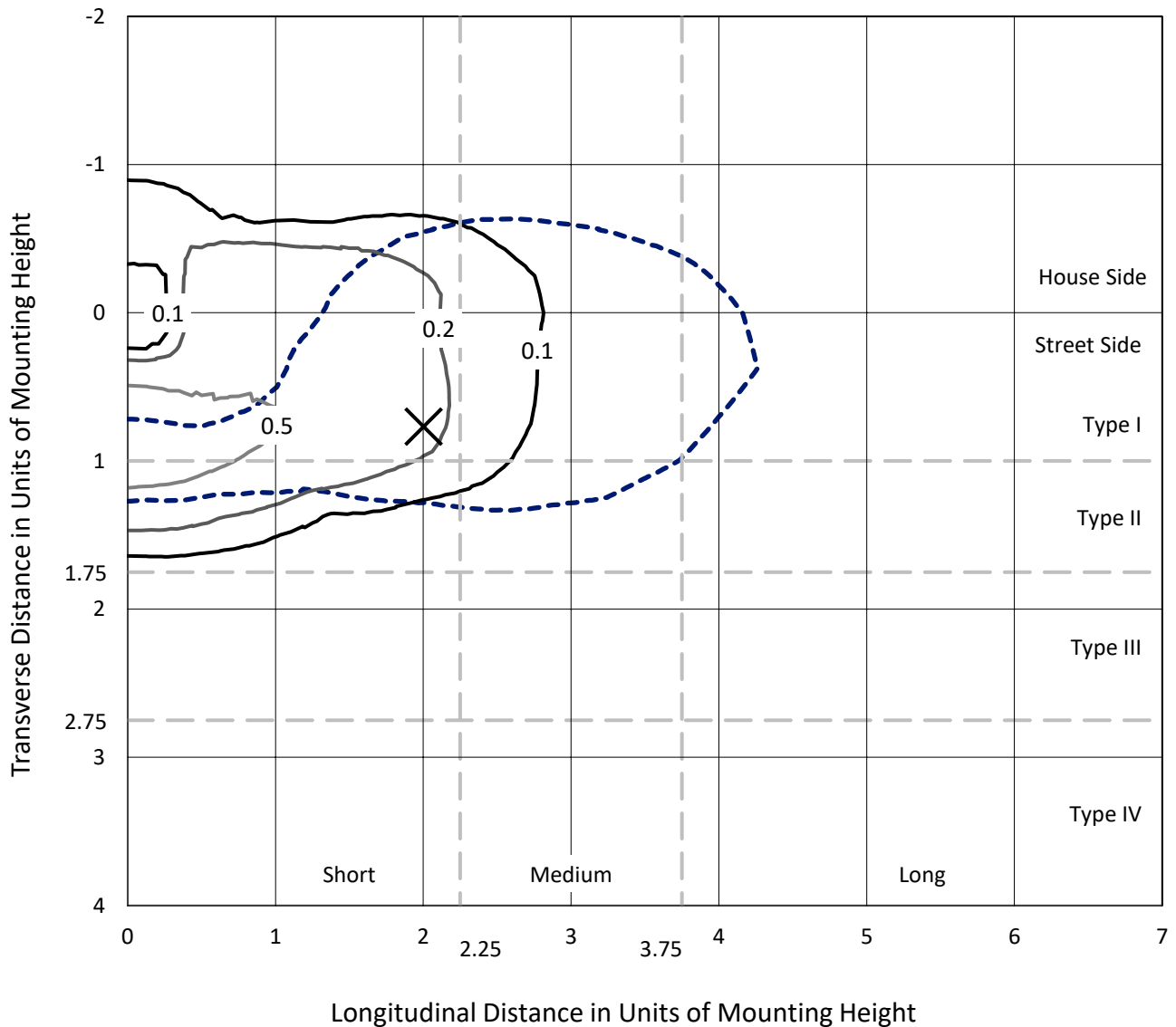
Input Watts (W): 21.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

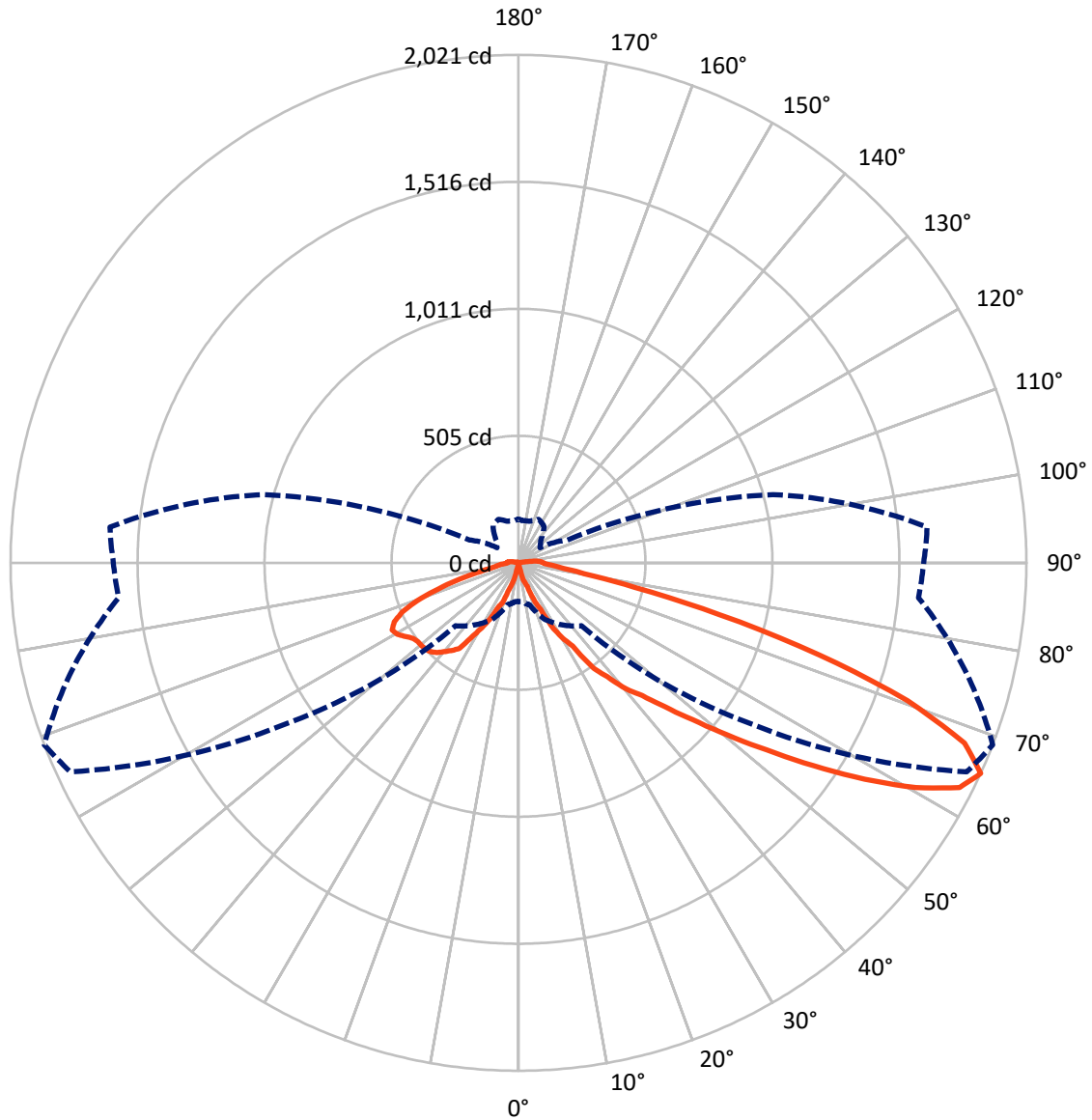
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.9 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 69-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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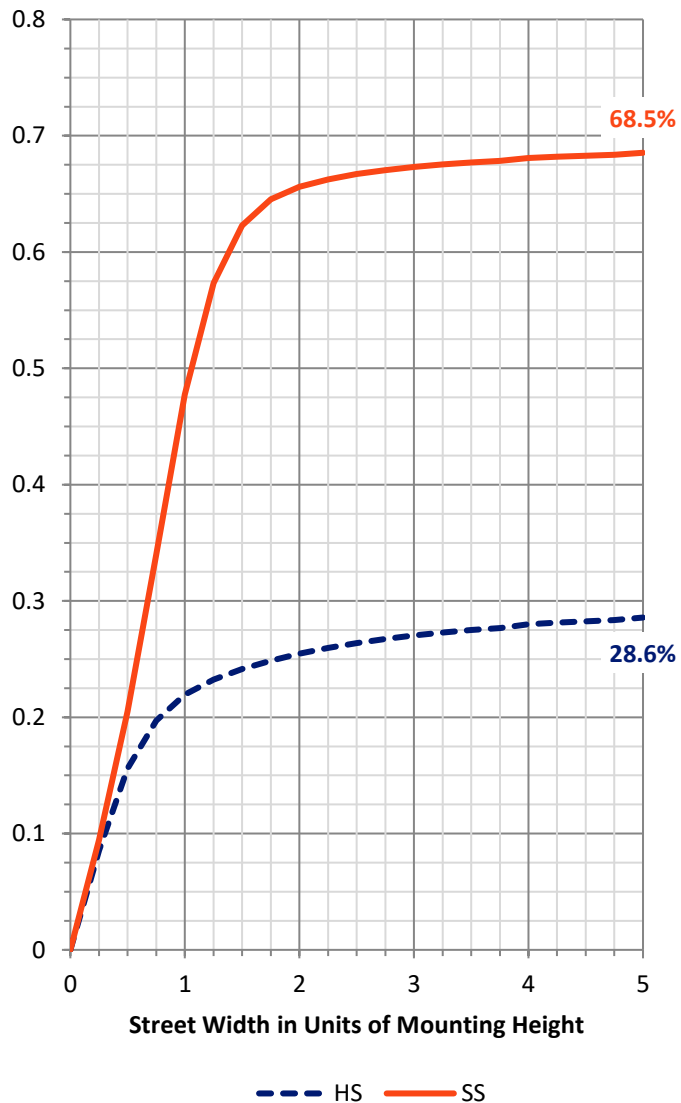
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 790.9    | 23.1   | 814.1  |
|                    | % Fixture | 29.3     | 0.9    | 30.2   |
| <b>Street Side</b> | Lumens    | 1863.8   | 20.0   | 1883.9 |
|                    | % Fixture | 69.1     | 0.7    | 69.8   |
| <b>Total</b>       | Lumens    | 2654.8   | 43.2   | 2698.0 |
|                    | % Fixture | 98.4     | 1.6    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 0.2    | 0.0       |
| 10°-20°   | 16.3   | 0.6       |
| 20°-30°   | 103.9  | 3.9       |
| 30°-40°   | 285.1  | 10.6      |
| 40°-50°   | 508.3  | 18.8      |
| 50°-60°   | 659.8  | 24.5      |
| 60°-70°   | 630.9  | 23.4      |
| 70°-80°   | 363.6  | 13.5      |
| 80°-90°   | 86.7   | 3.2       |
| 90°-100°  | 30.6   | 1.1       |
| 100°-110° | 5.5    | 0.2       |
| 110°-120° | 2.6    | 0.1       |
| 120°-130° | 2.1    | 0.1       |
| 130°-140° | 1.3    | 0.0       |
| 140°-150° | 0.9    | 0.0       |
| 150°-160° | 0.1    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 2654.8 | 98.4      |
| 0°-180°   | 2698.0 | 100.0     |

**Coefficient of Utilization**

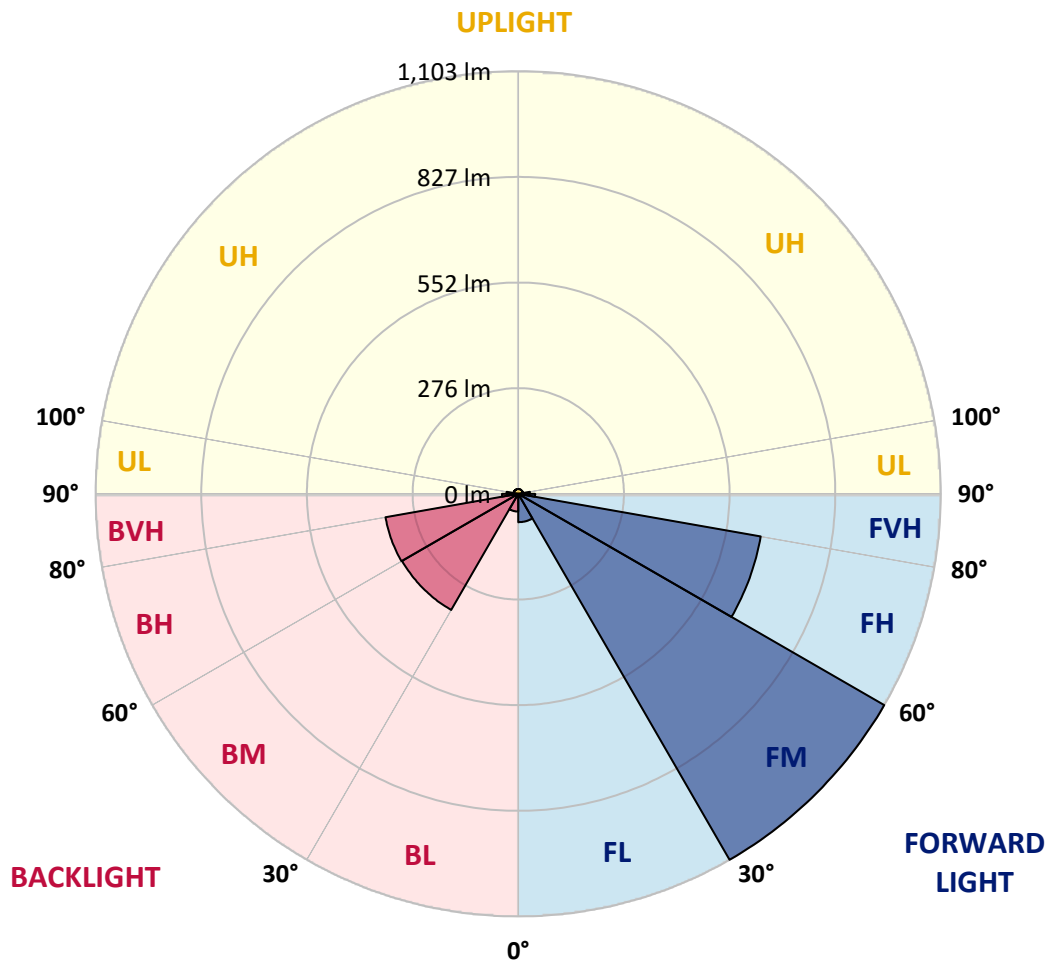


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |       |        |
|----------------|--------|-----------|-------------------------|-------|--------|
|                |        |           | B                       | U     | G      |
| FL (0°-30°)    | 74.1   | 2.7       |                         |       |        |
| FM (30°-60°)   | 1103.0 | 40.9      |                         |       |        |
| FH (60°-80°)   | 642.6  | 23.8      |                         |       | G0/660 |
| FVH (80°-90°)  | 44.2   | 1.6       |                         |       | G1/100 |
| BL (0°-30°)    | 46.3   | 1.7       | B0/110                  |       |        |
| BM (30°-60°)   | 350.1  | 13.0      | B1/1000                 |       |        |
| BH (60°-80°)   | 351.9  | 13.0      | B1/500                  |       | G1/500 |
| BVH (80°-90°)  | 42.6   | 1.6       |                         |       | G1/100 |
| UL (90°-100°)  | 30.6   | 1.1       |                         | U2/50 |        |
| UH (100°-180°) | 12.5   | 0.5       |                         | U2/50 |        |

**BUG Rating: B1-U2-G1**  
 Type II Short



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 69°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    |
| 2.5°   | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 0.9    | 0.9    |
| 5°     | 1.8    | 1.8    | 1.8    | 2.7    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 0.9    | 0.9    |
| 7.5°   | 3.7    | 2.7    | 2.7    | 2.7    | 2.7    | 1.8    | 1.8    | 1.8    | 1.8    | 0.9    | 0.9    |
| 10°    | 15.5   | 12.8   | 10.0   | 7.3    | 4.6    | 2.7    | 2.7    | 1.8    | 1.8    | 1.8    | 1.8    |
| 12.5°  | 67.6   | 64.8   | 63.9   | 60.3   | 20.1   | 7.3    | 4.6    | 7.3    | 9.1    | 12.8   | 15.5   |
| 15°    | 79.4   | 78.5   | 76.7   | 71.2   | 67.6   | 50.2   | 16.4   | 62.1   | 67.6   | 71.2   | 72.1   |
| 17.5°  | 145.2  | 132.4  | 102.3  | 88.6   | 78.5   | 72.1   | 68.5   | 79.4   | 81.3   | 83.1   | 85.8   |
| 20°    | 196.3  | 196.3  | 188.1  | 165.2  | 100.4  | 119.6  | 117.8  | 94.9   | 99.5   | 123.2  | 155.2  |
| 22.5°  | 245.6  | 242.8  | 227.3  | 210.0  | 206.3  | 143.3  | 136.9  | 166.2  | 168.9  | 184.4  | 184.4  |
| 25°    | 404.4  | 404.4  | 358.8  | 264.8  | 247.4  | 208.2  | 210.9  | 212.7  | 206.3  | 210.0  | 219.1  |
| 27.5°  | 480.2  | 473.8  | 456.5  | 403.5  | 306.8  | 289.4  | 250.2  | 249.2  | 296.7  | 306.8  | 313.1  |
| 30°    | 686.5  | 683.8  | 586.1  | 475.7  | 414.5  | 335.1  | 341.4  | 348.8  | 348.8  | 349.7  | 339.6  |
| 32.5°  | 829.9  | 833.5  | 783.3  | 632.7  | 486.6  | 411.7  | 413.6  | 386.2  | 395.3  | 458.3  | 462.9  |
| 35°    | 969.6  | 976.9  | 907.5  | 769.6  | 628.1  | 510.3  | 462.9  | 496.6  | 515.8  | 514.9  | 503.0  |
| 37.5°  | 1111.1 | 1105.6 | 1044.4 | 889.2  | 735.8  | 587.0  | 564.2  | 584.3  | 575.2  | 587.0  | 549.6  |
| 40°    | 1210.6 | 1209.7 | 1154.9 | 1015.2 | 845.4  | 692.9  | 636.3  | 654.6  | 661.0  | 656.4  | 608.0  |
| 42.5°  | 1279.1 | 1272.7 | 1249.8 | 1144.8 | 988.7  | 833.5  | 731.3  | 744.1  | 722.2  | 739.5  | 678.3  |
| 45°    | 1307.4 | 1299.1 | 1295.5 | 1216.1 | 1112.9 | 1048.1 | 866.4  | 840.8  | 816.2  | 850.9  | 760.5  |
| 47.5°  | 1269.0 | 1258.1 | 1279.1 | 1254.4 | 1210.6 | 1198.7 | 1024.3 | 935.8  | 932.1  | 958.6  | 862.7  |
| 50°    | 1144.8 | 1125.7 | 1182.3 | 1226.1 | 1257.1 | 1302.8 | 1201.5 | 1087.3 | 1075.5 | 1077.3 | 958.6  |
| 52.5°  | 947.7  | 948.6  | 1016.1 | 1095.6 | 1238.9 | 1321.1 | 1371.3 | 1278.1 | 1237.1 | 1217.0 | 1055.4 |
| 55°    | 756.8  | 763.2  | 814.4  | 884.7  | 1088.2 | 1302.8 | 1500.9 | 1493.6 | 1424.2 | 1352.1 | 1158.5 |
| 57.5°  | 544.1  | 557.8  | 636.3  | 684.7  | 881.0  | 1175.0 | 1565.7 | 1685.3 | 1625.1 | 1491.8 | 1269.0 |
| 60°    | 311.3  | 327.8  | 413.6  | 523.1  | 674.7  | 936.7  | 1533.8 | 1882.5 | 1816.8 | 1638.8 | 1379.5 |
| 62.5°  | 198.1  | 202.7  | 240.1  | 355.1  | 441.0  | 616.2  | 1398.7 | 2002.1 | 1969.3 | 1773.9 | 1499.1 |
| 65°    | 153.4  | 155.2  | 173.5  | 248.3  | 301.3  | 354.2  | 1100.1 | 1968.3 | 2021.3 | 1867.0 | 1597.7 |
| 67.5°  | 140.6  | 140.6  | 146.1  | 178.0  | 228.2  | 223.7  | 711.2  | 1762.9 | 1914.5 | 1879.8 | 1630.5 |
| 70°    | 131.5  | 133.3  | 139.7  | 144.2  | 179.9  | 168.9  | 382.5  | 1395.0 | 1643.3 | 1754.7 | 1619.6 |
| 72.5°  | 115.0  | 116.9  | 125.1  | 136.9  | 139.7  | 136.9  | 213.6  | 927.6  | 1248.9 | 1473.5 | 1531.0 |
| 75°    | 97.7   | 98.6   | 104.1  | 123.2  | 122.3  | 110.5  | 177.1  | 554.2  | 827.1  | 1080.9 | 1298.2 |
| 77.5°  | 80.3   | 83.1   | 89.5   | 99.5   | 111.4  | 87.6   | 157.9  | 325.9  | 472.0  | 680.2  | 900.2  |
| 80°    | 59.3   | 61.2   | 67.6   | 82.2   | 89.5   | 75.8   | 130.6  | 211.8  | 264.8  | 352.4  | 433.7  |
| 82.5°  | 42.9   | 43.8   | 49.3   | 59.3   | 63.9   | 64.8   | 102.3  | 170.7  | 181.7  | 194.5  | 195.4  |
| 85°    | 26.5   | 25.6   | 26.5   | 31.0   | 39.3   | 42.0   | 73.9   | 136.0  | 136.9  | 132.4  | 130.6  |
| 87.5°  | 11.9   | 11.9   | 9.1    | 11.0   | 12.8   | 12.8   | 38.3   | 107.7  | 107.7  | 102.3  | 105.9  |
| 90°    | 12.8   | 12.8   | 9.1    | 9.1    | 10.0   | 9.1    | 21.9   | 91.3   | 96.8   | 96.8   | 106.8  |
| 92.5°  | 13.7   | 12.8   | 10.0   | 9.1    | 9.1    | 8.2    | 13.7   | 73.0   | 87.6   | 96.8   | 110.5  |
| 95°    | 12.8   | 12.8   | 9.1    | 8.2    | 8.2    | 7.3    | 11.0   | 50.2   | 70.3   | 78.5   | 94.0   |
| 97.5°  | 9.1    | 9.1    | 6.4    | 6.4    | 7.3    | 6.4    | 8.2    | 21.0   | 27.4   | 35.6   | 47.5   |
| 100°   | 6.4    | 6.4    | 4.6    | 4.6    | 4.6    | 4.6    | 5.5    | 9.1    | 11.0   | 9.1    | 11.0   |
| 102.5° | 5.5    | 6.4    | 3.7    | 3.7    | 3.7    | 2.7    | 3.7    | 4.6    | 5.5    | 6.4    | 8.2    |
| 105°   | 5.5    | 5.5    | 2.7    | 2.7    | 2.7    | 2.7    | 1.8    | 3.7    | 3.7    | 4.6    | 8.2    |
| 107.5° | 3.7    | 3.7    | 2.7    | 2.7    | 1.8    | 1.8    | 1.8    | 2.7    | 3.7    | 4.6    | 8.2    |
| 110°   | 2.7    | 2.7    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.7    | 3.7    | 3.7    | 6.4    |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 69° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 1.8 | 1.8 | 1.8 | 0.9 | 0.9 | 1.8 | 1.8 | 2.7 | 2.7 | 2.7 | 4.6 |
| 115°   | 1.8 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 1.8 | 1.8 | 2.7 | 2.7 | 4.6 |
| 117.5° | 1.8 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.8 | 1.8 | 2.7 | 4.6 |
| 120°   | 2.7 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.8 | 1.8 | 2.7 | 4.6 |
| 122.5° | 2.7 | 2.7 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.8 | 1.8 | 2.7 | 4.6 |
| 125°   | 2.7 | 2.7 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 1.8 | 1.8 | 2.7 | 3.7 |
| 127.5° | 1.8 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.8 | 1.8 | 3.7 |
| 130°   | 1.8 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.8 | 1.8 | 3.7 |
| 132.5° | 1.8 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.8 | 2.7 |
| 135°   | 1.8 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.8 |
| 137.5° | 1.8 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.8 |
| 140°   | 1.8 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 142.5° | 1.8 | 1.8 | 1.8 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 145°   | 1.8 | 2.7 | 1.8 | 1.8 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 147.5° | 2.7 | 2.7 | 2.7 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 150°   | 2.7 | 2.7 | 2.7 | 1.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 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 |



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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°   | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 1.8    | 1.8    | 1.8    | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   |
| 2.5°   | 0.9    | 0.9    | 0.9    | 0.9   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   |
| 5°     | 0.9    | 0.9    | 0.9    | 0.9   | 0.9   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   |
| 7.5°   | 0.9    | 0.9    | 0.9    | 0.9   | 0.9   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   |
| 10°    | 1.8    | 1.8    | 1.8    | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   |
| 12.5°  | 14.6   | 13.7   | 11.9   | 6.4   | 2.7   | 1.8   | 1.8   | 1.8   | 2.7   | 3.7   | 3.7   |
| 15°    | 73.9   | 74.9   | 73.0   | 65.7  | 16.4  | 4.6   | 2.7   | 8.2   | 31.0  | 53.9  | 37.4  |
| 17.5°  | 85.8   | 86.7   | 84.9   | 83.1  | 75.8  | 33.8  | 21.9  | 72.1  | 74.9  | 80.3  | 78.5  |
| 20°    | 157.9  | 156.1  | 130.6  | 96.8  | 87.6  | 81.3  | 68.5  | 83.1  | 87.6  | 89.5  | 89.5  |
| 22.5°  | 183.5  | 182.6  | 178.9  | 168.9 | 104.1 | 121.4 | 108.6 | 91.3  | 149.7 | 157.0 | 156.1 |
| 25°    | 212.7  | 207.2  | 197.2  | 188.1 | 179.9 | 133.3 | 134.2 | 145.2 | 153.4 | 154.3 | 154.3 |
| 27.5°  | 304.9  | 297.6  | 281.2  | 233.7 | 210.9 | 166.2 | 168.0 | 148.8 | 149.7 | 179.9 | 185.3 |
| 30°    | 331.4  | 319.5  | 302.2  | 293.1 | 242.8 | 195.4 | 160.7 | 170.7 | 176.2 | 175.3 | 177.1 |
| 32.5°  | 441.9  | 424.5  | 364.3  | 327.8 | 267.5 | 189.0 | 168.0 | 165.2 | 165.2 | 179.9 | 181.7 |
| 35°    | 476.6  | 451.0  | 418.1  | 409.0 | 272.1 | 185.3 | 158.9 | 161.6 | 182.6 | 185.3 | 184.4 |
| 37.5°  | 517.6  | 482.0  | 449.2  | 427.3 | 284.8 | 171.6 | 150.6 | 162.5 | 168.9 | 168.9 | 168.0 |
| 40°    | 563.3  | 527.7  | 493.9  | 432.7 | 271.1 | 157.9 | 151.6 | 154.3 | 158.9 | 156.1 | 155.2 |
| 42.5°  | 629.9  | 582.5  | 552.3  | 432.7 | 236.5 | 149.7 | 147.9 | 147.9 | 151.6 | 148.8 | 147.9 |
| 45°    | 711.2  | 656.4  | 601.6  | 426.4 | 200.9 | 145.2 | 146.1 | 145.2 | 148.8 | 145.2 | 144.2 |
| 47.5°  | 797.0  | 740.4  | 646.4  | 410.8 | 173.5 | 141.5 | 148.8 | 144.2 | 145.2 | 139.7 | 138.8 |
| 50°    | 894.7  | 833.5  | 692.9  | 383.4 | 157.9 | 141.5 | 147.9 | 145.2 | 142.4 | 136.9 | 136.0 |
| 52.5°  | 993.3  | 931.2  | 747.7  | 349.7 | 147.0 | 138.8 | 148.8 | 147.9 | 144.2 | 136.0 | 136.0 |
| 55°    | 1094.6 | 1051.7 | 810.7  | 320.4 | 135.1 | 137.9 | 153.4 | 153.4 | 146.1 | 135.1 | 134.2 |
| 57.5°  | 1203.3 | 1174.1 | 880.1  | 309.5 | 124.2 | 132.4 | 160.7 | 162.5 | 148.8 | 134.2 | 134.2 |
| 60°    | 1330.2 | 1342.0 | 954.0  | 296.7 | 116.9 | 127.8 | 164.3 | 170.7 | 152.5 | 134.2 | 134.2 |
| 62.5°  | 1488.1 | 1521.9 | 1023.4 | 267.5 | 110.5 | 121.4 | 168.0 | 179.9 | 163.4 | 149.7 | 150.6 |
| 65°    | 1612.3 | 1632.4 | 1048.1 | 214.5 | 104.1 | 124.2 | 177.1 | 190.8 | 170.7 | 168.9 | 173.5 |
| 67.5°  | 1680.8 | 1671.6 | 1010.6 | 163.4 | 96.8  | 122.3 | 174.4 | 198.1 | 178.9 | 183.5 | 186.2 |
| 70°    | 1678.9 | 1612.3 | 886.5  | 126.0 | 90.4  | 120.5 | 177.1 | 195.4 | 183.5 | 196.3 | 204.5 |
| 72.5°  | 1562.1 | 1410.5 | 671.9  | 109.6 | 90.4  | 118.7 | 172.5 | 188.1 | 184.4 | 197.2 | 203.6 |
| 75°    | 1255.3 | 1071.8 | 461.0  | 95.9  | 85.8  | 113.2 | 164.3 | 175.3 | 168.0 | 178.9 | 182.6 |
| 77.5°  | 831.7  | 704.8  | 257.5  | 86.7  | 84.9  | 104.1 | 149.7 | 155.2 | 147.0 | 154.3 | 157.0 |
| 80°    | 389.8  | 325.0  | 143.3  | 80.3  | 82.2  | 92.2  | 123.2 | 131.5 | 118.7 | 126.0 | 126.0 |
| 82.5°  | 178.9  | 165.2  | 108.6  | 73.0  | 73.9  | 70.3  | 95.9  | 108.6 | 96.8  | 100.4 | 96.8  |
| 85°    | 120.5  | 121.4  | 86.7   | 62.1  | 60.3  | 50.2  | 75.8  | 84.0  | 73.0  | 75.8  | 63.9  |
| 87.5°  | 105.0  | 107.7  | 69.4   | 40.2  | 34.7  | 31.0  | 49.3  | 51.1  | 37.4  | 31.0  | 30.1  |
| 90°    | 107.7  | 108.6  | 63.9   | 30.1  | 21.0  | 16.4  | 26.5  | 25.6  | 16.4  | 14.6  | 14.6  |
| 92.5°  | 111.4  | 111.4  | 64.8   | 32.0  | 21.0  | 15.5  | 23.7  | 19.2  | 14.6  | 12.8  | 12.8  |
| 95°    | 101.3  | 95.9   | 56.6   | 32.0  | 20.1  | 13.7  | 19.2  | 16.4  | 12.8  | 12.8  | 11.9  |
| 97.5°  | 62.1   | 56.6   | 42.0   | 32.0  | 16.4  | 11.9  | 14.6  | 12.8  | 9.1   | 8.2   | 8.2   |
| 100°   | 17.3   | 14.6   | 26.5   | 25.6  | 11.9  | 8.2   | 10.0  | 8.2   | 5.5   | 4.6   | 3.7   |
| 102.5° | 8.2    | 8.2    | 13.7   | 16.4  | 6.4   | 4.6   | 5.5   | 5.5   | 4.6   | 4.6   | 3.7   |
| 105°   | 8.2    | 8.2    | 6.4    | 7.3   | 3.7   | 2.7   | 2.7   | 3.7   | 3.7   | 4.6   | 4.6   |
| 107.5° | 8.2    | 9.1    | 5.5    | 3.7   | 3.7   | 2.7   | 1.8   | 2.7   | 3.7   | 4.6   | 5.5   |
| 110°   | 7.3    | 7.3    | 4.6    | 3.7   | 2.7   | 2.7   | 1.8   | 2.7   | 3.7   | 5.5   | 5.5   |

REPORT NUMBER: P694537  
 CATALOG NUMBER: LXF.LXT-PA16-20-730-U-T2U-CL

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 5.5 | 5.5 | 3.7  | 3.7  | 2.7  | 2.7  | 1.8  | 1.8  | 3.7  | 5.5  | 6.4  |
| 115°   | 4.6 | 4.6 | 3.7  | 2.7  | 1.8  | 1.8  | 1.8  | 1.8  | 3.7  | 6.4  | 7.3  |
| 117.5° | 4.6 | 4.6 | 2.7  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 3.7  | 7.3  | 7.3  |
| 120°   | 4.6 | 4.6 | 2.7  | 1.8  | 1.8  | 1.8  | 1.8  | 2.7  | 4.6  | 7.3  | 8.2  |
| 122.5° | 4.6 | 4.6 | 2.7  | 1.8  | 1.8  | 1.8  | 1.8  | 2.7  | 4.6  | 7.3  | 8.2  |
| 125°   | 4.6 | 4.6 | 2.7  | 1.8  | 1.8  | 1.8  | 1.8  | 2.7  | 4.6  | 7.3  | 7.3  |
| 127.5° | 3.7 | 3.7 | 2.7  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 3.7  | 6.4  | 7.3  |
| 130°   | 3.7 | 3.7 | 2.7  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 3.7  | 6.4  | 6.4  |
| 132.5° | 2.7 | 2.7 | 1.8  | 1.8  | 1.8  | 0.9  | 1.8  | 1.8  | 3.7  | 5.5  | 5.5  |
| 135°   | 1.8 | 1.8 | 1.8  | 0.9  | 0.9  | 0.9  | 1.8  | 1.8  | 2.7  | 3.7  | 4.6  |
| 137.5° | 1.8 | 1.8 | 0.9  | 0.9  | 1.8  | 1.8  | 1.8  | 1.8  | 2.7  | 2.7  | 2.7  |
| 140°   | 0.9 | 0.9 | 0.9  | 0.9  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 2.7  | 2.7  |
| 142.5° | 0.9 | 0.9 | 0.9  | 0.9  | 1.8  | 0.9  | 1.8  | 1.8  | 1.8  | 2.7  | 2.7  |
| 145°   | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 1.8  | 1.8  | 1.8  | 2.7  | 2.7  |
| 147.5° | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 1.8  | 2.7  | 2.7  | 2.7  |
| 150°   | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 1.8  | 1.8  | 2.7  | 2.7  |
| 152.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0 | 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)