

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: P414890

Luminaire Tested: **LXF.LXT-PA1-30-830-U-T2U-CL**

Issue Date: 10/26/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P414890  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1907-433-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 10/26/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA1-30-830-U-T2U-CL  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 80 CRI, 3000K, 375mA LIGHT ENGINE WITH 24 LEDS AND TYPE II U OPTICS  
AND CLEAR LENS PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3033 lumens  
Efficiency: N/A  
Efficacy: 97.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B1 - U2 - G1

Input Watts (W): 31  
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

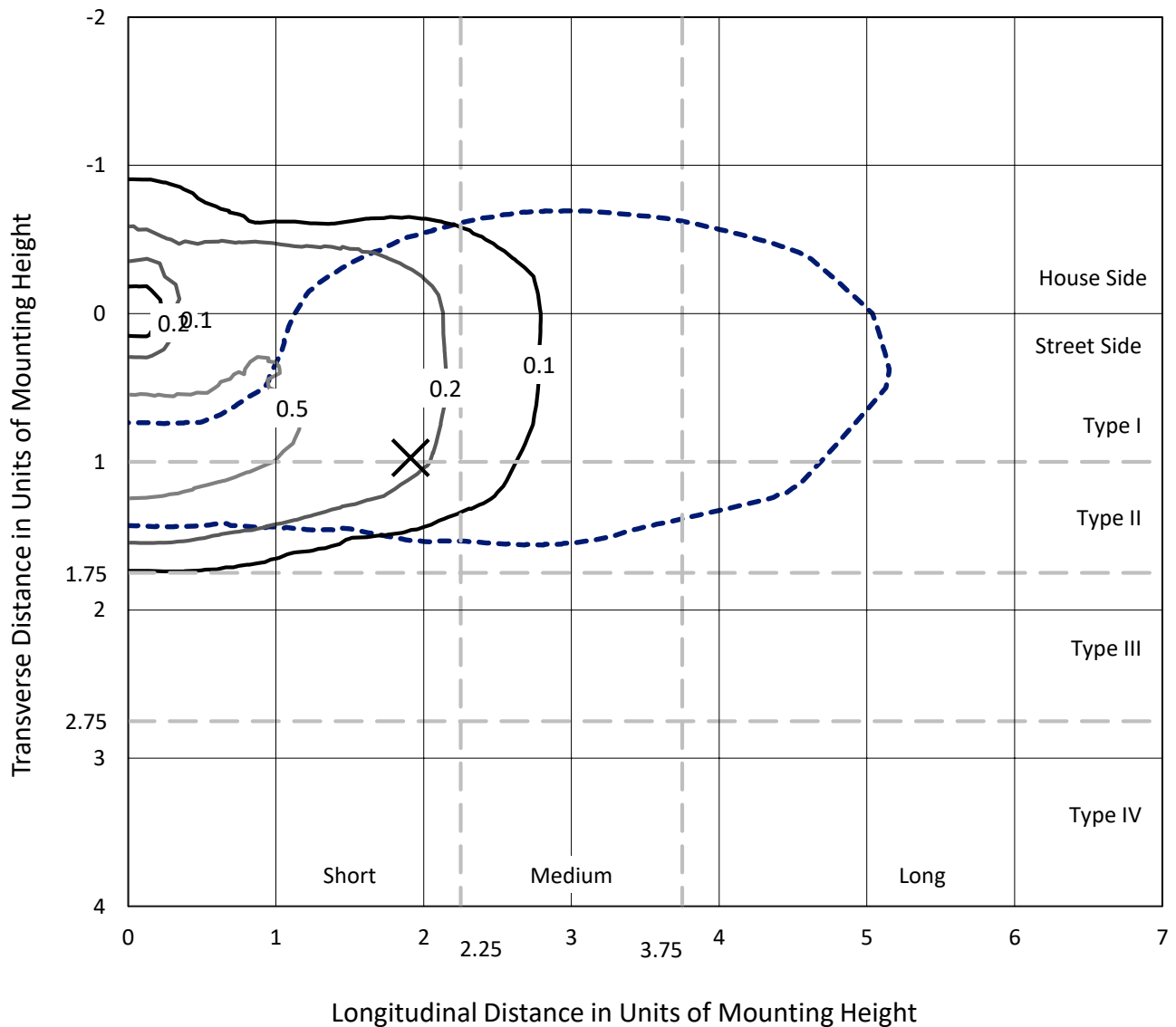


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

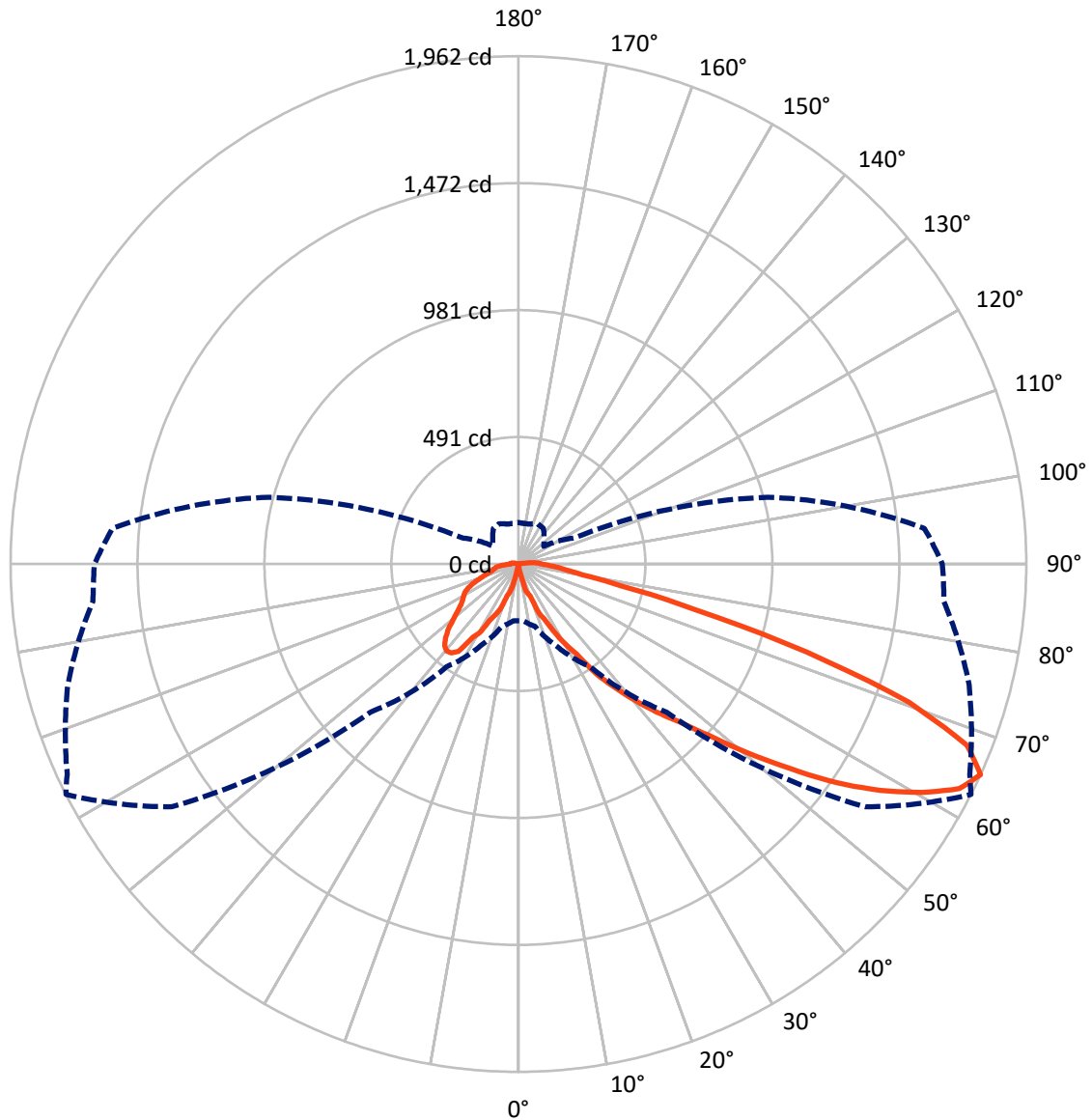


Based on 25 foot mounting height. Maximum calculated value = 0.9 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 63-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical



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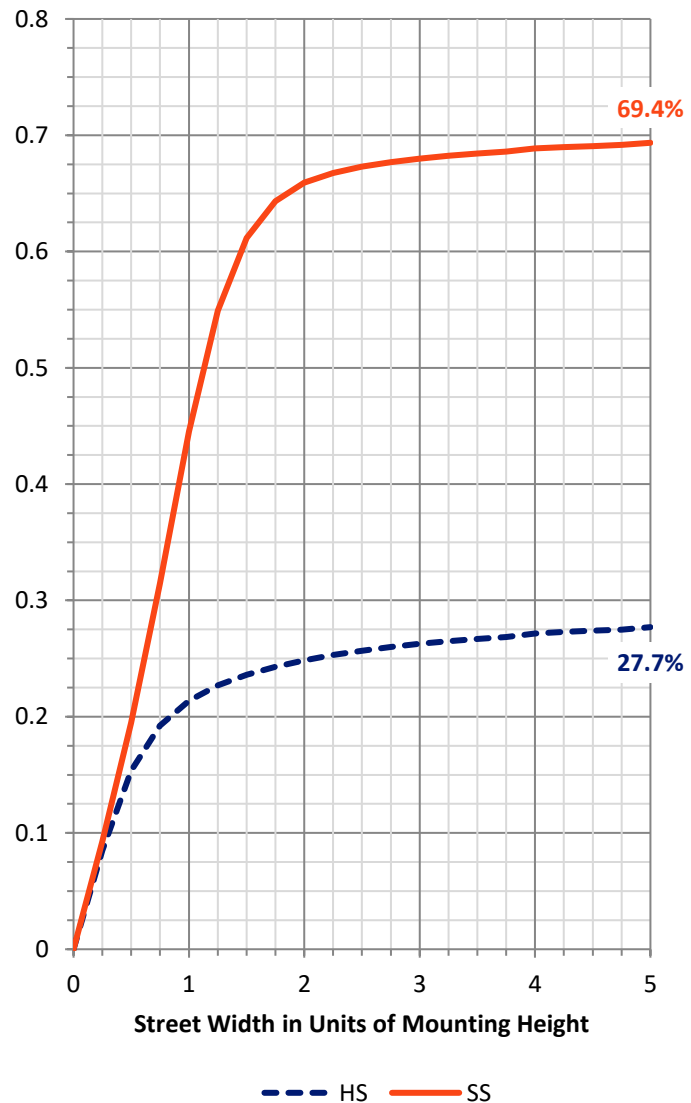
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 863.2    | 25.1   | 888.2  |
|                    | % Fixture | 28.5     | 0.8    | 29.3   |
| <b>Street Side</b> | Lumens    | 2121.4   | 23.3   | 2144.8 |
|                    | % Fixture | 69.9     | 0.8    | 70.7   |
| <b>Total</b>       | Lumens    | 2984.6   | 48.4   | 3033.0 |
|                    | % Fixture | 98.4     | 1.6    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 1.9    | 0.1       |
| 10°-20°   | 27.2   | 0.9       |
| 20°-30°   | 111.4  | 3.7       |
| 30°-40°   | 289.5  | 9.5       |
| 40°-50°   | 550.5  | 18.2      |
| 50°-60°   | 741.1  | 24.4      |
| 60°-70°   | 702.1  | 23.1      |
| 70°-80°   | 440.0  | 14.5      |
| 80°-90°   | 120.8  | 4.0       |
| 90°-100°  | 33.8   | 1.1       |
| 100°-110° | 6.3    | 0.2       |
| 110°-120° | 3.0    | 0.1       |
| 120°-130° | 2.2    | 0.1       |
| 130°-140° | 1.4    | 0.0       |
| 140°-150° | 1.2    | 0.0       |
| 150°-160° | 0.4    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 2984.6 | 98.4      |
| 0°-180°   | 3033.0 | 100.0     |



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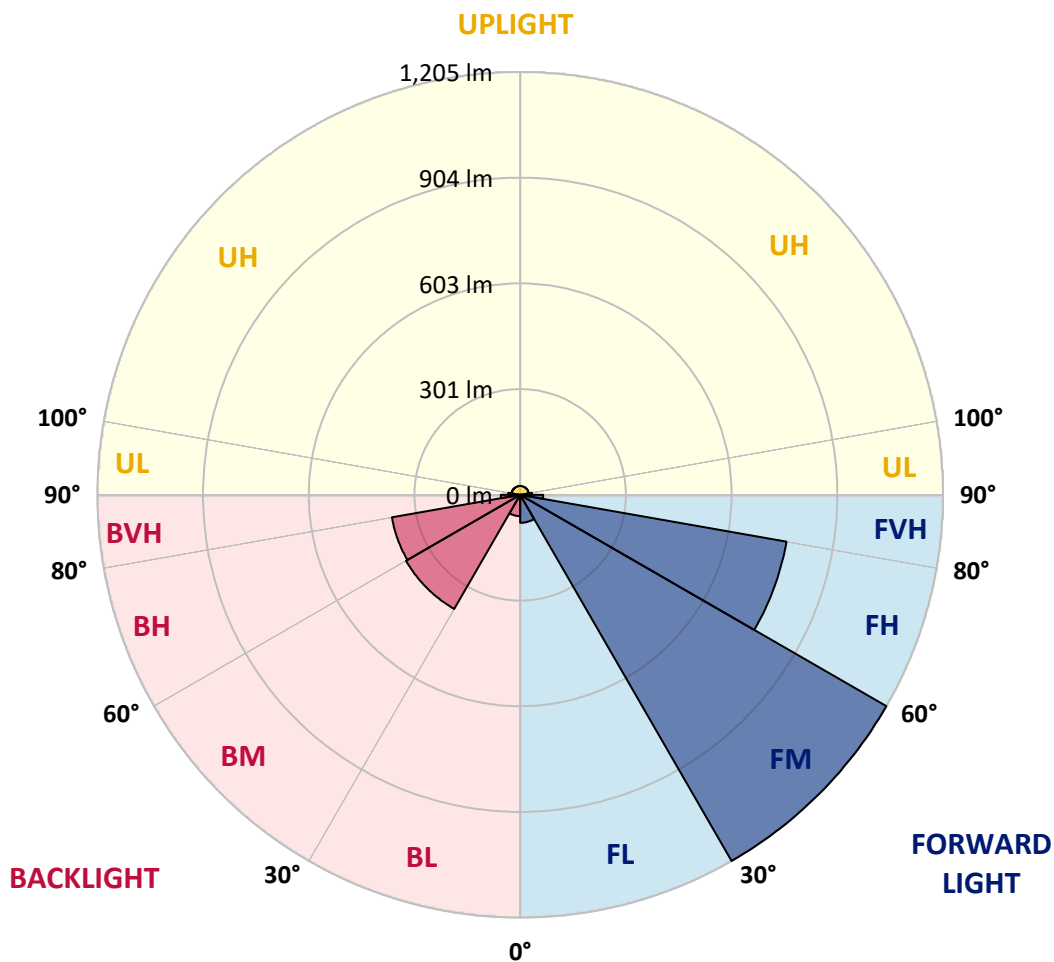
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 79.8   | 2.6       |                         |       |         |
| FM   | (30°-60°)   | 1205.4 | 39.7      |                         |       |         |
| FH   | (60°-80°)   | 770.7  | 25.4      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 65.5   | 2.2       |                         |       | G1/100  |
| BL   | (0°-30°)    | 60.8   | 2.0       | B0/110                  |       |         |
| BM   | (30°-60°)   | 375.8  | 12.4      | B1/1000                 |       |         |
| BH   | (60°-80°)   | 371.3  | 12.2      | B1/500                  |       | G1/500  |
| BVH  | (80°-90°)   | 55.3   | 1.8       |                         |       | G1/100  |
| UL   | (90°-100°)  | 33.8   | 1.1       |                         | U2/50 |         |
| UH   | (100°-180°) | 25.1   | 0.8       |                         | U2/50 |         |

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

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 63°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    |
| 2.5°   | 4.0    | 3.7    | 4.0    | 4.0    | 3.7    | 3.4    | 3.0    | 2.7    | 2.4    | 1.7    | 1.3    |
| 5°     | 47.4   | 47.7   | 47.0   | 46.0   | 16.5   | 7.4    | 4.4    | 3.4    | 3.0    | 2.0    | 1.7    |
| 7.5°   | 54.4   | 54.1   | 53.7   | 53.1   | 50.7   | 47.7   | 25.9   | 6.0    | 4.7    | 2.7    | 1.7    |
| 10°    | 59.8   | 59.1   | 57.4   | 57.1   | 54.8   | 53.1   | 49.0   | 31.6   | 26.5   | 4.7    | 3.4    |
| 12.5°  | 108.8  | 106.5  | 104.5  | 86.3   | 60.5   | 57.1   | 54.8   | 47.7   | 46.7   | 29.9   | 44.7   |
| 15°    | 113.9  | 114.2  | 112.9  | 110.9  | 106.1  | 71.2   | 88.7   | 107.5  | 107.2  | 92.7   | 91.4   |
| 17.5°  | 129.3  | 128.3  | 123.3  | 118.2  | 116.6  | 126.6  | 125.6  | 119.9  | 119.9  | 106.1  | 100.4  |
| 20°    | 199.9  | 198.2  | 195.2  | 162.6  | 144.8  | 163.6  | 153.5  | 133.7  | 134.4  | 163.9  | 178.0  |
| 22.5°  | 231.4  | 230.8  | 224.7  | 210.3  | 204.9  | 180.4  | 202.2  | 209.3  | 205.2  | 207.6  | 198.9  |
| 25°    | 316.8  | 313.4  | 286.9  | 261.3  | 264.4  | 243.5  | 243.2  | 238.8  | 236.5  | 226.1  | 241.9  |
| 27.5°  | 403.1  | 400.4  | 394.4  | 358.4  | 305.3  | 293.6  | 274.8  | 300.0  | 293.3  | 317.4  | 322.8  |
| 30°    | 534.1  | 509.6  | 458.5  | 434.3  | 416.9  | 360.8  | 355.4  | 363.1  | 361.1  | 354.4  | 348.3  |
| 32.5°  | 670.5  | 660.4  | 630.5  | 542.2  | 486.7  | 454.5  | 438.7  | 414.9  | 403.8  | 476.0  | 481.0  |
| 35°    | 812.9  | 803.5  | 730.3  | 678.9  | 583.8  | 531.4  | 522.7  | 526.0  | 511.3  | 546.5  | 538.1  |
| 37.5°  | 1063.5 | 1058.8 | 985.2  | 825.7  | 726.3  | 623.8  | 611.7  | 607.7  | 584.5  | 610.0  | 610.4  |
| 40°    | 1224.4 | 1216.7 | 1135.4 | 1017.8 | 857.6  | 772.3  | 713.5  | 690.3  | 684.3  | 685.6  | 685.9  |
| 42.5°  | 1344.0 | 1331.6 | 1284.2 | 1176.0 | 1008.8 | 908.7  | 825.7  | 781.0  | 793.1  | 769.6  | 768.2  |
| 45°    | 1421.6 | 1414.9 | 1371.9 | 1281.5 | 1165.6 | 1115.9 | 969.1  | 868.3  | 909.0  | 867.0  | 865.0  |
| 47.5°  | 1439.1 | 1436.0 | 1406.1 | 1360.8 | 1312.4 | 1291.6 | 1142.1 | 987.9  | 1025.2 | 1006.7 | 969.1  |
| 50°    | 1363.1 | 1365.8 | 1354.7 | 1371.2 | 1423.9 | 1447.8 | 1324.5 | 1146.5 | 1167.0 | 1123.0 | 1074.9 |
| 52.5°  | 1197.2 | 1196.9 | 1237.2 | 1310.1 | 1464.9 | 1560.3 | 1493.5 | 1311.4 | 1310.4 | 1230.8 | 1176.4 |
| 55°    | 961.1  | 979.2  | 1047.4 | 1160.6 | 1408.8 | 1612.1 | 1653.7 | 1492.8 | 1464.6 | 1356.8 | 1266.7 |
| 57.5°  | 732.3  | 755.8  | 839.5  | 942.2  | 1249.3 | 1575.4 | 1770.3 | 1650.4 | 1621.1 | 1470.3 | 1362.5 |
| 60°    | 495.5  | 504.5  | 610.0  | 728.9  | 993.6  | 1434.7 | 1825.0 | 1792.4 | 1760.2 | 1586.2 | 1459.2 |
| 62.5°  | 330.2  | 338.3  | 398.7  | 543.5  | 712.5  | 1166.0 | 1789.8 | 1912.4 | 1869.7 | 1723.2 | 1560.3 |
| 65°    | 219.7  | 219.7  | 249.6  | 349.7  | 484.7  | 809.6  | 1635.2 | 1962.4 | 1923.8 | 1802.5 | 1650.0 |
| 67.5°  | 161.9  | 164.6  | 174.3  | 225.4  | 330.2  | 484.4  | 1300.7 | 1870.0 | 1874.1 | 1811.6 | 1678.6 |
| 70°    | 146.8  | 148.5  | 156.9  | 170.0  | 235.8  | 288.2  | 859.6  | 1602.0 | 1671.5 | 1743.1 | 1642.0 |
| 72.5°  | 128.3  | 129.0  | 142.4  | 156.5  | 185.8  | 221.0  | 499.8  | 1164.3 | 1310.4 | 1593.9 | 1541.2 |
| 75°    | 107.5  | 108.5  | 119.3  | 140.4  | 160.6  | 185.4  | 266.0  | 708.8  | 854.2  | 1368.5 | 1407.8 |
| 77.5°  | 87.3   | 89.7   | 98.4   | 114.9  | 147.5  | 155.5  | 204.2  | 405.1  | 494.8  | 1019.2 | 1190.1 |
| 80°    | 67.2   | 69.5   | 77.3   | 90.4   | 120.6  | 137.4  | 169.6  | 249.2  | 300.0  | 633.5  | 831.7  |
| 82.5°  | 46.0   | 47.7   | 55.4   | 65.2   | 86.3   | 114.5  | 140.4  | 183.7  | 198.5  | 346.7  | 458.9  |
| 85°    | 32.6   | 33.6   | 38.6   | 43.0   | 53.7   | 75.2   | 117.2  | 145.8  | 149.8  | 183.7  | 186.8  |
| 87.5°  | 18.5   | 18.1   | 18.8   | 21.8   | 24.5   | 29.2   | 69.2   | 106.8  | 111.9  | 128.0  | 118.9  |
| 90°    | 12.8   | 12.4   | 10.4   | 10.1   | 11.4   | 12.4   | 39.3   | 85.0   | 89.4   | 103.1  | 105.8  |
| 92.5°  | 13.4   | 12.8   | 10.1   | 9.4    | 10.7   | 11.4   | 26.2   | 74.2   | 83.6   | 103.1  | 108.8  |
| 95°    | 12.8   | 12.1   | 9.1    | 8.1    | 9.7    | 10.1   | 16.1   | 51.1   | 65.8   | 96.4   | 106.5  |
| 97.5°  | 11.1   | 10.4   | 7.4    | 6.7    | 8.1    | 8.1    | 9.1    | 23.5   | 32.2   | 45.0   | 50.7   |
| 100°   | 9.1    | 8.4    | 6.0    | 5.4    | 5.7    | 6.0    | 5.7    | 11.8   | 11.8   | 12.4   | 9.7    |
| 102.5° | 8.1    | 7.7    | 5.0    | 4.4    | 4.0    | 4.0    | 3.7    | 5.7    | 6.0    | 6.7    | 8.4    |
| 105°   | 7.1    | 6.7    | 4.4    | 3.7    | 3.0    | 3.0    | 2.7    | 3.7    | 4.0    | 5.7    | 8.1    |
| 107.5° | 5.0    | 5.0    | 3.7    | 3.0    | 2.7    | 2.7    | 2.0    | 3.0    | 3.4    | 5.0    | 8.4    |
| 110°   | 3.4    | 3.4    | 2.7    | 2.7    | 2.4    | 2.7    | 2.0    | 3.0    | 3.0    | 4.0    | 6.4    |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 63° | 65° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 2.7 | 2.7 | 2.4 | 2.0 | 1.7 | 2.0 | 2.4 | 2.7 | 2.7 | 3.0 | 4.0 |
| 115°   | 2.7 | 2.4 | 2.0 | 1.7 | 1.3 | 1.7 | 1.7 | 2.4 | 2.4 | 3.0 | 4.0 |
| 117.5° | 2.7 | 2.7 | 2.0 | 1.7 | 1.3 | 1.3 | 1.7 | 2.0 | 2.0 | 3.0 | 4.4 |
| 120°   | 2.7 | 2.7 | 2.0 | 1.7 | 1.3 | 1.0 | 1.3 | 2.0 | 2.0 | 2.7 | 4.0 |
| 122.5° | 2.7 | 2.7 | 2.0 | 1.7 | 1.3 | 1.0 | 1.3 | 1.7 | 1.7 | 2.4 | 4.0 |
| 125°   | 3.0 | 3.0 | 2.4 | 1.7 | 1.3 | 1.0 | 1.3 | 1.3 | 1.3 | 2.4 | 3.7 |
| 127.5° | 3.0 | 3.0 | 2.4 | 1.7 | 1.3 | 1.0 | 1.3 | 1.3 | 1.3 | 2.0 | 3.0 |
| 130°   | 3.0 | 3.0 | 2.4 | 1.7 | 1.3 | 1.0 | 1.3 | 1.0 | 1.0 | 1.7 | 2.7 |
| 132.5° | 3.0 | 2.7 | 2.4 | 2.0 | 1.7 | 1.3 | 1.3 | 1.0 | 1.0 | 1.0 | 2.0 |
| 135°   | 2.7 | 2.7 | 2.4 | 2.0 | 1.7 | 1.3 | 1.3 | 1.0 | 1.0 | 1.0 | 1.3 |
| 137.5° | 2.7 | 2.7 | 2.7 | 2.4 | 2.0 | 1.7 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 |
| 140°   | 3.0 | 3.0 | 3.0 | 2.7 | 2.0 | 1.7 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 |
| 142.5° | 3.4 | 3.4 | 3.4 | 3.0 | 2.0 | 1.7 | 1.7 | 1.0 | 1.0 | 1.0 | 1.0 |
| 145°   | 3.7 | 3.7 | 3.7 | 3.0 | 2.0 | 1.7 | 1.7 | 1.3 | 1.3 | 1.0 | 1.3 |
| 147.5° | 4.0 | 4.0 | 3.7 | 3.0 | 1.7 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 150°   | 3.7 | 3.4 | 3.4 | 2.4 | 1.3 | 0.7 | 1.0 | 1.0 | 1.0 | 1.3 | 1.3 |
| 152.5° | 2.7 | 2.7 | 2.4 | 1.7 | 1.0 | 0.3 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 |
| 155°   | 1.7 | 1.7 | 1.3 | 1.0 | 0.7 | 0.3 | 0.3 | 0.7 | 0.7 | 0.7 | 0.7 |
| 157.5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 160°   | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 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°     | 2.4    | 2.4    | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   |
| 2.5°   | 1.3    | 1.3    | 1.7   | 2.0   | 2.0   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   |
| 5°     | 1.3    | 1.3    | 1.7   | 2.0   | 2.4   | 2.7   | 3.0   | 3.0   | 3.0   | 3.4   | 3.4   |
| 7.5°   | 1.7    | 1.7    | 1.7   | 2.4   | 2.7   | 3.7   | 10.1  | 30.2  | 46.7  | 48.0  | 48.7  |
| 10°    | 3.4    | 3.4    | 3.4   | 3.4   | 7.4   | 43.0  | 53.4  | 55.8  | 57.1  | 58.1  | 58.1  |
| 12.5°  | 45.0   | 44.7   | 16.1  | 8.1   | 37.0  | 55.8  | 59.1  | 60.8  | 62.1  | 63.2  | 63.5  |
| 15°    | 91.4   | 91.7   | 91.7  | 92.7  | 67.2  | 60.8  | 64.2  | 94.7  | 112.2 | 115.6 | 116.9 |
| 17.5°  | 100.1  | 100.1  | 99.8  | 111.2 | 125.0 | 98.8  | 110.2 | 120.3 | 123.6 | 125.3 | 126.0 |
| 20°    | 182.7  | 182.4  | 147.1 | 127.6 | 132.0 | 163.9 | 123.3 | 128.0 | 130.7 | 155.9 | 156.5 |
| 22.5°  | 201.5  | 200.5  | 196.2 | 197.2 | 155.5 | 177.4 | 169.0 | 163.9 | 179.7 | 179.0 | 179.7 |
| 25°    | 247.6  | 223.4  | 214.0 | 212.0 | 225.4 | 184.4 | 195.8 | 169.6 | 173.7 | 173.0 | 173.7 |
| 27.5°  | 324.2  | 315.4  | 293.6 | 248.2 | 240.2 | 227.8 | 196.2 | 178.0 | 200.2 | 205.2 | 205.9 |
| 30°    | 347.7  | 336.6  | 313.4 | 315.4 | 267.7 | 231.8 | 191.1 | 197.2 | 189.5 | 188.8 | 187.4 |
| 32.5°  | 476.7  | 462.2  | 427.3 | 344.0 | 298.3 | 217.7 | 192.1 | 179.4 | 183.4 | 196.8 | 197.5 |
| 35°    | 531.1  | 514.6  | 490.1 | 439.0 | 289.2 | 213.6 | 175.7 | 175.0 | 177.7 | 178.0 | 177.4 |
| 37.5°  | 592.9  | 571.4  | 548.2 | 462.6 | 302.0 | 193.5 | 163.9 | 164.3 | 170.3 | 182.1 | 180.7 |
| 40°    | 664.8  | 640.9  | 603.3 | 476.3 | 271.1 | 181.4 | 156.2 | 161.2 | 167.6 | 164.9 | 162.6 |
| 42.5°  | 745.7  | 706.8  | 647.6 | 473.6 | 235.8 | 167.3 | 154.2 | 157.5 | 156.5 | 151.5 | 150.2 |
| 45°    | 829.4  | 788.1  | 691.0 | 451.1 | 203.9 | 158.2 | 150.5 | 151.5 | 147.5 | 141.1 | 139.7 |
| 47.5°  | 925.8  | 871.4  | 715.5 | 418.2 | 178.4 | 157.5 | 149.5 | 146.1 | 138.4 | 132.7 | 132.4 |
| 50°    | 1022.9 | 963.4  | 753.8 | 374.2 | 159.2 | 154.9 | 151.8 | 144.8 | 135.4 | 129.7 | 129.0 |
| 52.5°  | 1117.9 | 1065.9 | 795.1 | 337.3 | 144.8 | 151.8 | 152.8 | 145.5 | 135.4 | 127.0 | 126.6 |
| 55°    | 1213.3 | 1167.6 | 839.8 | 308.0 | 135.0 | 151.5 | 156.5 | 147.5 | 137.4 | 125.0 | 124.6 |
| 57.5°  | 1309.1 | 1264.7 | 882.8 | 288.6 | 130.7 | 147.1 | 158.9 | 153.8 | 142.8 | 132.4 | 133.0 |
| 60°    | 1422.6 | 1370.2 | 933.5 | 274.8 | 129.0 | 144.8 | 160.9 | 161.2 | 146.1 | 134.4 | 136.0 |
| 62.5°  | 1534.1 | 1481.1 | 976.5 | 262.0 | 124.6 | 142.4 | 161.9 | 167.0 | 153.5 | 143.4 | 145.1 |
| 65°    | 1637.9 | 1574.8 | 996.3 | 237.5 | 119.3 | 139.7 | 168.0 | 172.0 | 159.2 | 158.2 | 160.2 |
| 67.5°  | 1677.6 | 1618.8 | 976.8 | 206.9 | 115.9 | 139.7 | 174.3 | 179.0 | 165.3 | 170.6 | 176.0 |
| 70°    | 1639.3 | 1590.2 | 927.8 | 168.6 | 116.9 | 140.7 | 175.3 | 182.4 | 174.0 | 178.4 | 183.1 |
| 72.5°  | 1520.4 | 1457.9 | 808.5 | 135.7 | 116.9 | 139.4 | 171.0 | 177.0 | 170.6 | 185.1 | 189.8 |
| 75°    | 1370.2 | 1261.4 | 643.6 | 111.9 | 113.5 | 138.7 | 160.9 | 168.0 | 161.6 | 176.7 | 181.7 |
| 77.5°  | 1131.7 | 992.3  | 445.1 | 98.8  | 108.8 | 132.7 | 150.5 | 151.8 | 145.5 | 154.5 | 156.9 |
| 80°    | 798.1  | 668.8  | 281.8 | 89.4  | 104.1 | 119.9 | 133.4 | 131.0 | 124.6 | 126.3 | 128.3 |
| 82.5°  | 445.1  | 353.7  | 164.3 | 82.3  | 97.8  | 99.8  | 109.2 | 109.8 | 101.4 | 101.8 | 102.1 |
| 85°    | 176.7  | 163.6  | 111.2 | 69.2  | 78.9  | 71.9  | 81.6  | 85.0  | 76.9  | 67.5  | 65.5  |
| 87.5°  | 117.2  | 111.2  | 77.6  | 47.4  | 48.4  | 40.6  | 53.1  | 55.1  | 45.3  | 39.3  | 39.0  |
| 90°    | 111.5  | 108.2  | 66.8  | 31.9  | 26.9  | 22.2  | 29.6  | 28.6  | 21.8  | 19.1  | 19.5  |
| 92.5°  | 114.9  | 112.9  | 67.9  | 30.6  | 26.2  | 21.2  | 26.2  | 22.5  | 16.5  | 14.4  | 14.8  |
| 95°    | 113.2  | 112.2  | 66.2  | 29.9  | 24.9  | 19.5  | 22.2  | 18.1  | 12.8  | 11.4  | 11.4  |
| 97.5°  | 53.7   | 56.8   | 41.0  | 26.9  | 22.2  | 16.5  | 17.1  | 13.8  | 9.1   | 8.4   | 8.1   |
| 100°   | 8.1    | 12.8   | 22.2  | 24.9  | 16.5  | 11.4  | 11.1  | 9.1   | 5.7   | 5.4   | 5.4   |
| 102.5° | 8.4    | 9.1    | 13.8  | 17.1  | 9.1   | 6.0   | 6.0   | 5.4   | 4.4   | 5.0   | 5.0   |
| 105°   | 9.1    | 8.4    | 8.1   | 9.4   | 5.4   | 3.7   | 3.4   | 3.4   | 3.7   | 5.4   | 5.7   |
| 107.5° | 9.7    | 9.1    | 6.4   | 5.0   | 4.0   | 3.4   | 2.7   | 2.4   | 3.4   | 5.7   | 6.0   |
| 110°   | 7.4    | 7.1    | 5.4   | 4.0   | 4.0   | 3.7   | 2.4   | 2.4   | 3.7   | 6.0   | 6.7   |



REPORT NUMBER: P414890

CATALOG NUMBER: LXF.LXT-PA1-30-830-U-T2U-CL

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 4.4 | 5.0 | 4.7  | 3.7  | 3.4  | 3.4  | 2.4  | 2.4  | 3.7  | 6.4  | 7.1  |
| 115°   | 4.7 | 4.7 | 4.0  | 3.0  | 2.7  | 2.7  | 2.4  | 2.0  | 3.7  | 6.7  | 7.1  |
| 117.5° | 4.7 | 4.7 | 4.0  | 3.0  | 2.4  | 2.0  | 2.0  | 2.0  | 3.7  | 6.7  | 7.1  |
| 120°   | 4.7 | 4.7 | 4.0  | 2.7  | 2.4  | 2.0  | 2.0  | 2.0  | 3.7  | 6.4  | 7.1  |
| 122.5° | 4.4 | 4.4 | 3.7  | 2.7  | 2.0  | 2.0  | 2.0  | 2.0  | 3.7  | 6.0  | 6.4  |
| 125°   | 4.0 | 4.0 | 3.4  | 2.4  | 2.0  | 1.7  | 2.0  | 2.0  | 3.4  | 5.4  | 5.7  |
| 127.5° | 3.4 | 3.7 | 3.0  | 2.4  | 2.0  | 1.7  | 2.0  | 2.0  | 3.0  | 4.7  | 5.0  |
| 130°   | 3.0 | 3.0 | 2.7  | 2.0  | 1.7  | 1.7  | 2.0  | 2.0  | 3.0  | 4.4  | 4.7  |
| 132.5° | 2.4 | 2.4 | 2.0  | 2.0  | 1.7  | 1.7  | 1.7  | 1.7  | 2.4  | 3.7  | 3.7  |
| 135°   | 1.7 | 1.7 | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 2.0  | 2.7  | 3.0  |
| 137.5° | 1.3 | 1.3 | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 2.4  | 2.4  |
| 140°   | 1.0 | 1.3 | 1.3  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 2.0  | 2.0  |
| 142.5° | 1.0 | 1.3 | 1.3  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 2.0  | 2.4  | 2.4  |
| 145°   | 1.3 | 1.3 | 1.7  | 1.7  | 1.7  | 1.3  | 1.7  | 1.7  | 2.0  | 2.4  | 2.4  |
| 147.5° | 1.3 | 1.3 | 1.7  | 1.7  | 1.7  | 1.3  | 1.3  | 1.7  | 2.0  | 2.4  | 2.4  |
| 150°   | 1.3 | 1.3 | 1.7  | 1.7  | 1.3  | 1.0  | 1.3  | 1.3  | 1.7  | 2.4  | 2.4  |
| 152.5° | 1.3 | 1.3 | 1.3  | 1.3  | 1.0  | 0.7  | 1.0  | 1.0  | 1.3  | 1.7  | 1.7  |
| 155°   | 1.0 | 1.0 | 1.0  | 1.0  | 1.0  | 0.7  | 0.7  | 0.7  | 1.0  | 1.0  | 1.3  |
| 157.5° | 0.7 | 0.7 | 0.7  | 1.0  | 0.7  | 0.7  | 0.3  | 0.3  | 0.3  | 0.7  | 0.7  |
| 160°   | 0.3 | 0.3 | 0.7  | 0.7  | 0.7  | 0.7  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  |
| 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)