

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: P414473

Luminaire Tested: **LXF.LXT-PA1-20-830-U-T2U-A**

Issue Date: 10/26/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P414473  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1907-433-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 10/26/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA1-20-830-U-T2U-A  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 80 CRI, 3000K, 260mA LIGHT ENGINE WITH 24 LEDS AND TYPE II U OPTICS  
AND REFRACTOR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2077 lumens  
Efficiency: N/A  
Efficacy: 98.9 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

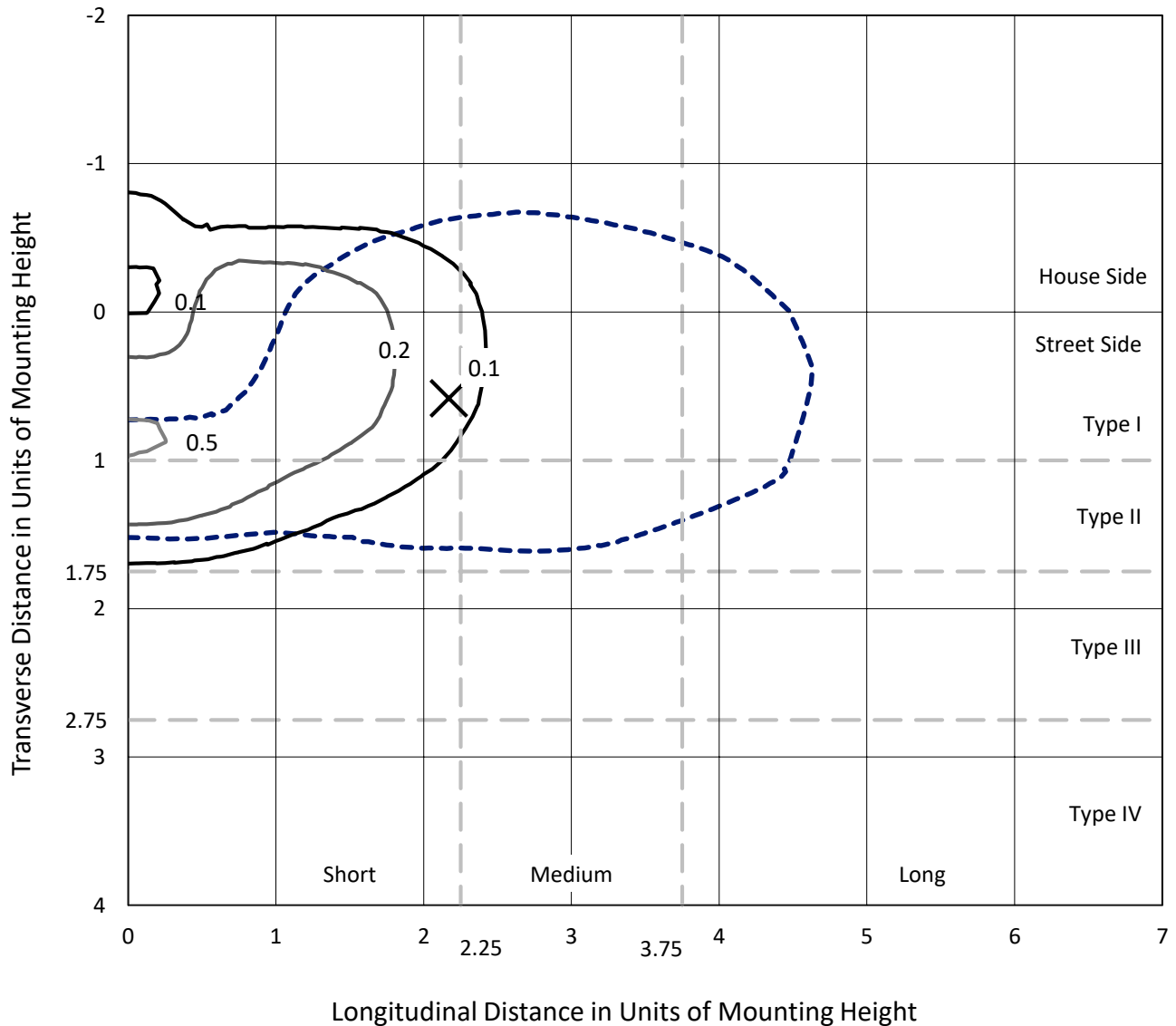
Input Watts (W): 21  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

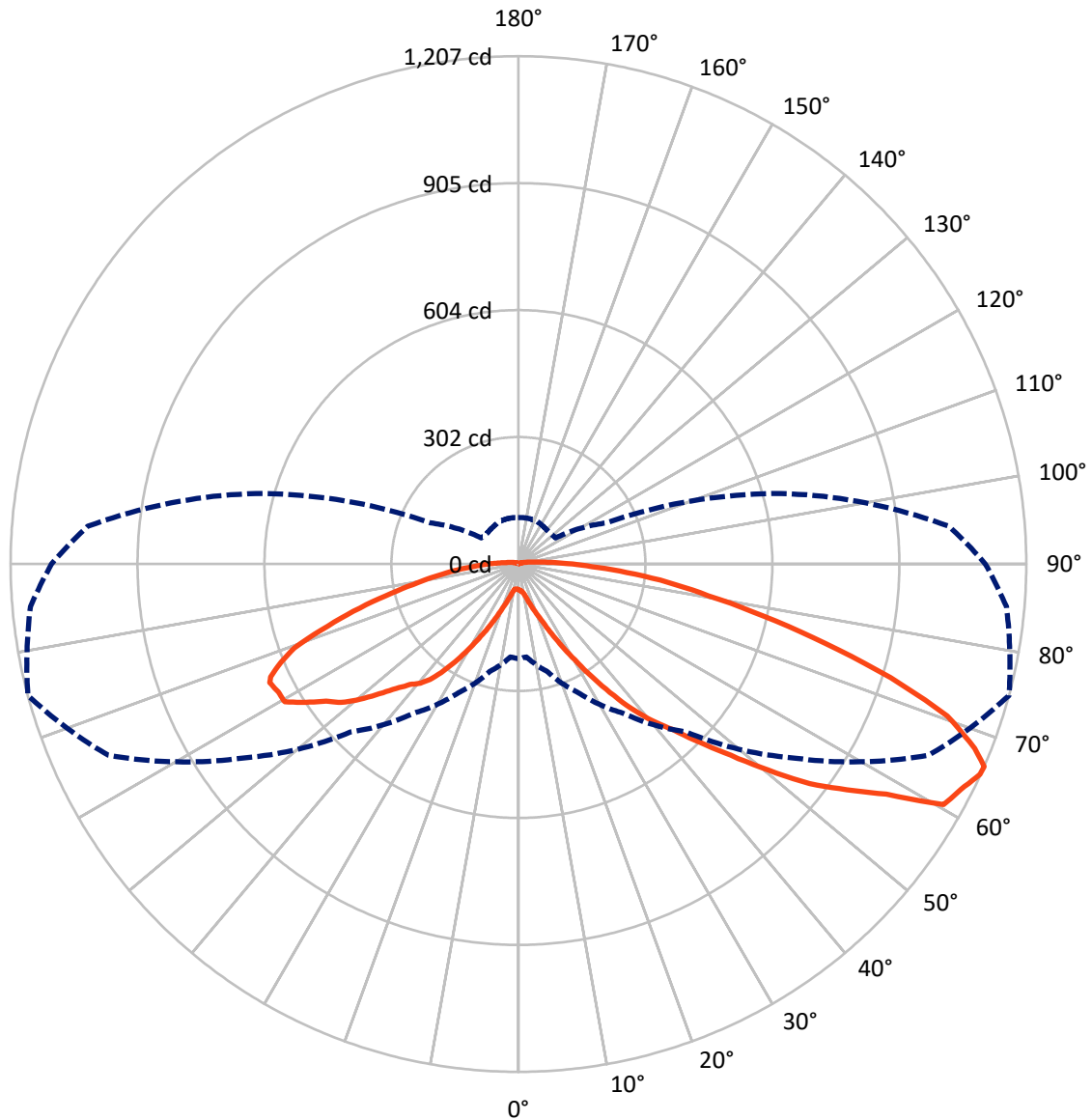
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.5 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral      - - - Horizontal Cone Through 66-Deg Vertical

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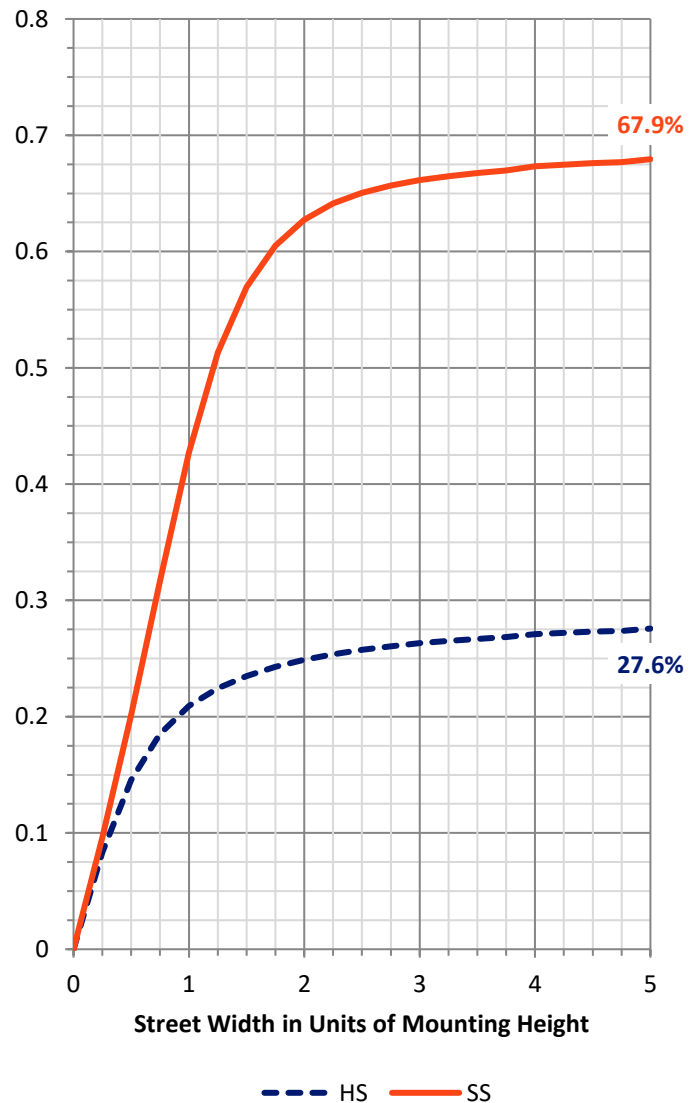
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 589.9    | 28.8   | 618.7  |
|                    | % Fixture | 28.4     | 1.4    | 29.8   |
| <b>Street Side</b> | Lumens    | 1429.8   | 28.5   | 1458.3 |
|                    | % Fixture | 68.8     | 1.4    | 70.2   |
| <b>Total</b>       | Lumens    | 2019.7   | 57.3   | 2077.0 |
|                    | % Fixture | 97.2     | 2.8    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 6.2    | 0.3       |
| 10°-20°   | 26.1   | 1.3       |
| 20°-30°   | 79.2   | 3.8       |
| 30°-40°   | 195.8  | 9.4       |
| 40°-50°   | 353.6  | 17.0      |
| 50°-60°   | 477.7  | 23.0      |
| 60°-70°   | 479.6  | 23.1      |
| 70°-80°   | 289.6  | 13.9      |
| 80°-90°   | 112.0  | 5.4       |
| 90°-100°  | 33.3   | 1.6       |
| 100°-110° | 12.0   | 0.6       |
| 110°-120° | 5.8    | 0.3       |
| 120°-130° | 3.4    | 0.2       |
| 130°-140° | 2.0    | 0.1       |
| 140°-150° | 0.7    | 0.0       |
| 150°-160° | 0.1    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 2019.7 | 97.2      |
| 0°-180°   | 2077.0 | 100.0     |



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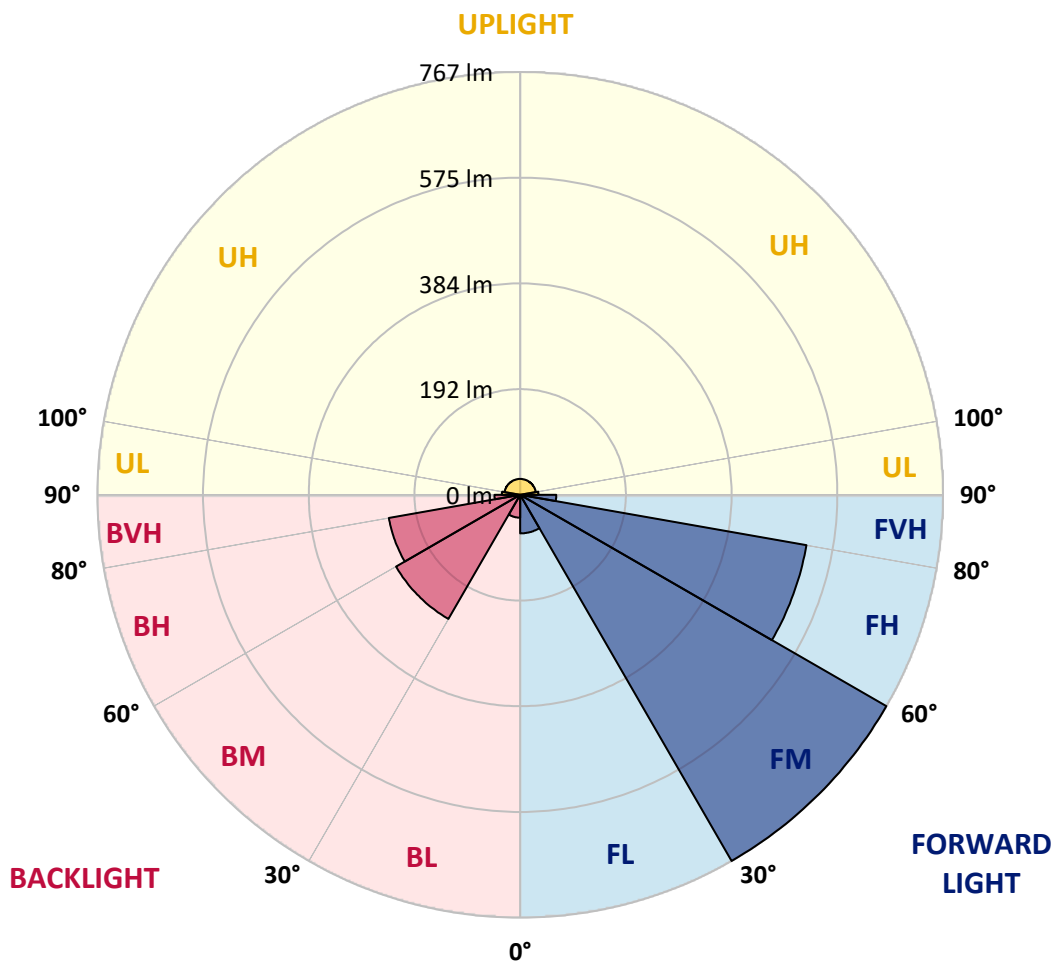
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |       |        |
|----------------|--------|-----------|-------------------------|-------|--------|
|                |        |           | B                       | U     | G      |
| FL (0°-30°)    | 70.0   | 3.4       |                         |       |        |
| FM (30°-60°)   | 767.1  | 36.9      |                         |       |        |
| FH (60°-80°)   | 527.4  | 25.4      |                         |       | G0/660 |
| FVH (80°-90°)  | 65.4   | 3.1       |                         |       | G1/100 |
| BL (0°-30°)    | 41.5   | 2.0       | B0/110                  |       |        |
| BM (30°-60°)   | 260.0  | 12.5      | B1/1000                 |       |        |
| BH (60°-80°)   | 241.8  | 11.6      | B1/500                  |       | G1/500 |
| BVH (80°-90°)  | 46.6   | 2.2       |                         |       | G1/100 |
| UL (90°-100°)  | 33.3   | 1.6       |                         | U2/50 |        |
| UH (100°-180°) | 28.8   | 1.4       |                         | 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°    | 75°    | 76°    | 85°    |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0°     | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3   | 61.3   | 61.3   | 61.3   |
| 2.5°   | 67.5  | 67.1  | 66.6  | 66.1  | 65.6  | 65.2  | 64.2  | 63.0   | 62.0   | 62.0   | 61.1   |
| 5°     | 73.8  | 73.3  | 72.6  | 71.6  | 70.7  | 69.7  | 67.8  | 65.9   | 64.0   | 64.0   | 62.3   |
| 7.5°   | 81.4  | 81.2  | 80.2  | 79.0  | 76.9  | 74.7  | 72.3  | 69.5   | 66.8   | 66.6   | 64.4   |
| 10°    | 91.3  | 90.8  | 89.3  | 87.7  | 85.3  | 82.4  | 79.0  | 75.5   | 71.6   | 71.4   | 68.7   |
| 12.5°  | 104.9 | 104.0 | 101.6 | 98.9  | 94.4  | 91.5  | 87.7  | 84.3   | 81.4   | 80.7   | 77.1   |
| 15°    | 122.6 | 121.4 | 118.8 | 114.3 | 108.3 | 103.0 | 100.8 | 97.2   | 94.1   | 93.2   | 89.8   |
| 17.5°  | 145.4 | 144.2 | 139.6 | 132.5 | 126.2 | 121.0 | 116.2 | 112.6  | 109.9  | 109.7  | 104.9  |
| 20°    | 176.5 | 173.7 | 166.2 | 156.2 | 148.0 | 141.6 | 134.9 | 130.8  | 128.1  | 127.2  | 124.3  |
| 22.5°  | 214.9 | 214.1 | 203.6 | 190.4 | 177.0 | 165.3 | 157.8 | 153.3  | 151.4  | 151.6  | 149.9  |
| 25°    | 263.7 | 261.6 | 251.5 | 232.3 | 212.2 | 197.4 | 187.1 | 184.2  | 184.0  | 182.3  | 181.6  |
| 27.5°  | 315.9 | 313.1 | 299.9 | 281.4 | 254.9 | 234.7 | 223.2 | 220.1  | 220.8  | 218.9  | 220.4  |
| 30°    | 379.9 | 378.4 | 359.3 | 332.5 | 303.7 | 277.4 | 265.4 | 262.8  | 264.4  | 266.8  | 265.4  |
| 32.5°  | 458.9 | 461.1 | 435.0 | 398.8 | 358.6 | 328.1 | 315.0 | 314.0  | 316.4  | 315.9  | 315.2  |
| 35°    | 555.2 | 559.0 | 522.9 | 479.0 | 423.7 | 387.5 | 371.0 | 369.8  | 374.6  | 374.1  | 374.6  |
| 37.5°  | 658.2 | 659.9 | 630.4 | 561.0 | 496.5 | 446.5 | 432.8 | 431.4  | 435.9  | 433.3  | 430.7  |
| 40°    | 739.4 | 747.3 | 712.8 | 653.2 | 569.1 | 518.1 | 501.6 | 493.7  | 489.6  | 486.7  | 467.6  |
| 42.5°  | 816.3 | 811.5 | 787.1 | 720.7 | 643.6 | 588.0 | 566.0 | 551.1  | 538.0  | 536.1  | 515.0  |
| 45°    | 866.6 | 860.6 | 837.4 | 776.1 | 703.7 | 657.7 | 637.4 | 619.4  | 604.6  | 597.9  | 572.5  |
| 47.5°  | 869.5 | 866.6 | 861.1 | 815.1 | 751.9 | 711.9 | 705.2 | 695.6  | 679.3  | 679.5  | 647.0  |
| 50°    | 825.6 | 821.1 | 837.1 | 819.7 | 775.8 | 754.7 | 780.1 | 790.7  | 769.8  | 767.7  | 733.9  |
| 52.5°  | 748.0 | 745.6 | 774.9 | 792.1 | 776.5 | 784.7 | 845.0 | 883.4  | 867.1  | 858.5  | 814.9  |
| 55°    | 669.5 | 672.3 | 697.7 | 725.5 | 751.1 | 793.3 | 902.5 | 978.9  | 946.8  | 941.1  | 886.7  |
| 57.5°  | 562.4 | 572.0 | 609.8 | 653.4 | 693.7 | 781.3 | 932.7 | 1039.5 | 1031.4 | 1029.2 | 982.8  |
| 60°    | 445.0 | 444.1 | 500.1 | 563.6 | 629.7 | 741.8 | 934.4 | 1115.7 | 1161.0 | 1150.7 | 1085.0 |
| 62.5°  | 345.6 | 348.0 | 388.3 | 467.8 | 556.4 | 681.7 | 911.4 | 1149.7 | 1179.9 | 1168.2 | 1110.9 |
| 65°    | 250.3 | 254.1 | 303.2 | 367.4 | 467.6 | 600.5 | 846.0 | 1103.5 | 1205.5 | 1198.3 | 1166.0 |
| 66°    | 224.9 | 221.6 | 264.7 | 337.5 | 432.6 | 564.6 | 804.8 | 1075.5 | 1207.0 | 1202.9 | 1164.3 |
| 67.5°  | 180.8 | 185.2 | 218.4 | 281.9 | 376.3 | 507.3 | 730.3 | 1030.7 | 1169.6 | 1164.1 | 1138.2 |
| 70°    | 133.9 | 138.0 | 160.7 | 211.5 | 285.5 | 404.6 | 603.8 | 890.3  | 1081.5 | 1085.5 | 1082.6 |
| 72.5°  | 99.2  | 103.5 | 119.0 | 155.7 | 211.3 | 300.8 | 478.6 | 750.4  | 924.8  | 934.4  | 927.7  |
| 75°    | 77.1  | 78.8  | 91.7  | 117.4 | 154.5 | 212.0 | 354.0 | 581.6  | 752.8  | 770.5  | 776.8  |
| 77.5°  | 62.0  | 63.5  | 74.0  | 90.5  | 115.7 | 154.7 | 248.1 | 433.5  | 595.9  | 608.4  | 620.1  |
| 80°    | 50.1  | 51.0  | 59.6  | 72.8  | 88.6  | 110.7 | 167.4 | 315.0  | 457.3  | 464.4  | 481.7  |
| 82.5°  | 40.2  | 41.0  | 47.2  | 58.4  | 70.9  | 84.1  | 119.0 | 219.9  | 359.0  | 365.8  | 387.5  |
| 85°    | 31.6  | 32.1  | 37.6  | 46.5  | 57.0  | 66.6  | 86.0  | 155.5  | 258.7  | 264.9  | 291.3  |
| 87.5°  | 24.9  | 25.4  | 29.7  | 36.2  | 46.0  | 52.7  | 63.5  | 104.7  | 174.6  | 183.5  | 213.4  |
| 90°    | 19.6  | 19.9  | 23.0  | 28.0  | 35.7  | 42.9  | 49.8  | 73.1   | 116.4  | 121.4  | 138.2  |
| 92.5°  | 14.9  | 15.1  | 17.5  | 21.3  | 27.8  | 34.0  | 38.1  | 50.5   | 74.5   | 76.6   | 88.6   |
| 95°    | 11.0  | 11.3  | 13.2  | 15.6  | 20.8  | 26.6  | 29.5  | 35.4   | 46.9   | 49.8   | 52.9   |
| 97.5°  | 8.6   | 8.9   | 10.1  | 11.5  | 15.3  | 20.8  | 23.5  | 26.1   | 32.1   | 33.1   | 35.4   |
| 100°   | 7.4   | 7.4   | 8.1   | 9.1   | 11.5  | 16.3  | 18.4  | 20.6   | 24.2   | 24.2   | 25.6   |
| 102.5° | 6.2   | 6.2   | 6.7   | 7.2   | 9.3   | 12.9  | 14.9  | 16.3   | 18.2   | 18.4   | 19.6   |
| 105°   | 5.5   | 5.5   | 5.7   | 6.2   | 7.9   | 10.5  | 12.2  | 12.9   | 14.1   | 14.1   | 14.6   |
| 107.5° | 4.8   | 4.8   | 5.0   | 5.3   | 6.9   | 8.9   | 9.8   | 10.1   | 10.5   | 10.5   | 11.3   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 76° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110°   | 4.6 | 4.6 | 4.6 | 4.8 | 6.0 | 7.7 | 8.1 | 7.9 | 8.1 | 8.1 | 8.9 |
| 112.5° | 4.3 | 4.1 | 4.1 | 4.3 | 5.5 | 6.7 | 6.7 | 6.5 | 6.5 | 6.5 | 7.2 |
| 115°   | 4.1 | 4.1 | 3.8 | 4.1 | 5.0 | 5.7 | 5.7 | 5.3 | 5.3 | 5.3 | 6.0 |
| 117.5° | 4.1 | 4.1 | 3.8 | 3.8 | 4.6 | 5.3 | 5.0 | 4.6 | 4.3 | 4.6 | 5.3 |
| 120°   | 4.1 | 4.1 | 3.6 | 3.6 | 4.3 | 4.6 | 4.6 | 3.8 | 3.8 | 3.8 | 4.6 |
| 122.5° | 4.1 | 4.1 | 3.6 | 3.6 | 4.1 | 4.3 | 4.1 | 3.4 | 3.4 | 3.4 | 4.1 |
| 125°   | 4.3 | 4.1 | 3.6 | 3.6 | 3.8 | 3.8 | 3.6 | 3.1 | 2.9 | 2.9 | 3.6 |
| 127.5° | 4.3 | 4.3 | 3.8 | 3.6 | 3.6 | 3.6 | 3.4 | 2.9 | 2.6 | 2.6 | 3.4 |
| 130°   | 4.8 | 4.6 | 4.1 | 3.6 | 3.4 | 3.1 | 2.9 | 2.6 | 2.6 | 2.6 | 3.1 |
| 132.5° | 4.8 | 4.8 | 4.1 | 3.4 | 3.1 | 2.9 | 2.6 | 2.2 | 2.4 | 2.4 | 2.9 |
| 135°   | 4.6 | 4.3 | 3.6 | 3.1 | 2.9 | 2.4 | 2.2 | 1.9 | 2.2 | 2.2 | 2.6 |
| 137.5° | 4.1 | 3.8 | 3.4 | 2.6 | 2.4 | 1.9 | 1.7 | 1.4 | 1.7 | 1.7 | 2.2 |
| 140°   | 3.4 | 3.4 | 2.6 | 2.2 | 1.9 | 1.7 | 1.4 | 1.0 | 1.2 | 1.4 | 1.7 |
| 142.5° | 2.9 | 2.6 | 2.2 | 1.7 | 1.4 | 1.2 | 1.0 | 0.7 | 1.0 | 1.0 | 1.2 |
| 145°   | 2.4 | 2.2 | 1.7 | 1.2 | 1.0 | 0.7 | 0.5 | 0.5 | 0.5 | 0.5 | 0.7 |
| 147.5° | 1.9 | 1.7 | 1.2 | 0.7 | 0.5 | 0.5 | 0.2 | 0.2 | 0.5 | 0.5 | 0.5 |
| 150°   | 1.4 | 1.4 | 1.0 | 0.5 | 0.2 | 0.2 | 0.0 | 0.2 | 0.2 | 0.2 | 0.2 |
| 152.5° | 1.2 | 1.2 | 0.7 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.2 |
| 155°   | 0.7 | 0.7 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160°   | 0.2 | 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°     | 61.3   | 61.3   | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  |
| 2.5°   | 60.8   | 60.4   | 59.9  | 59.4  | 58.9  | 58.7  | 58.0  | 57.5  | 57.5  | 57.5  | 57.2  |
| 5°     | 61.6   | 60.6   | 59.4  | 58.4  | 57.2  | 56.3  | 55.6  | 54.9  | 54.4  | 54.4  | 54.4  |
| 7.5°   | 63.2   | 62.3   | 60.1  | 58.2  | 56.5  | 55.1  | 54.1  | 53.4  | 53.2  | 52.9  | 52.9  |
| 10°    | 67.1   | 65.4   | 62.5  | 59.6  | 57.2  | 55.3  | 54.4  | 53.9  | 53.7  | 53.7  | 53.7  |
| 12.5°  | 75.7   | 73.3   | 69.0  | 64.2  | 60.1  | 57.2  | 56.3  | 56.3  | 57.7  | 58.4  | 58.4  |
| 15°    | 87.2   | 85.0   | 80.0  | 73.3  | 66.8  | 62.0  | 61.3  | 63.0  | 64.9  | 65.9  | 65.6  |
| 17.5°  | 103.0  | 100.1  | 93.4  | 84.6  | 75.9  | 71.1  | 69.0  | 70.7  | 73.1  | 74.3  | 74.3  |
| 20°    | 121.7  | 118.8  | 109.7 | 97.7  | 87.2  | 81.9  | 78.6  | 78.6  | 81.7  | 82.6  | 83.1  |
| 22.5°  | 147.3  | 143.0  | 130.1 | 113.5 | 99.9  | 91.7  | 87.7  | 86.9  | 90.5  | 92.2  | 91.7  |
| 25°    | 176.1  | 172.7  | 157.6 | 132.9 | 115.2 | 102.0 | 96.5  | 96.5  | 101.1 | 104.9 | 105.2 |
| 27.5°  | 216.3  | 207.9  | 186.8 | 156.6 | 130.1 | 111.6 | 105.6 | 106.8 | 111.6 | 115.5 | 115.5 |
| 30°    | 258.4  | 252.5  | 221.6 | 181.8 | 144.4 | 120.5 | 111.9 | 113.8 | 118.1 | 122.4 | 122.4 |
| 32.5°  | 309.5  | 299.4  | 261.3 | 206.7 | 157.6 | 126.2 | 115.2 | 117.8 | 122.9 | 127.2 | 127.2 |
| 35°    | 359.3  | 351.1  | 301.3 | 232.8 | 169.1 | 128.6 | 116.6 | 119.8 | 125.5 | 130.8 | 131.3 |
| 37.5°  | 417.3  | 399.5  | 340.4 | 256.3 | 177.5 | 129.1 | 116.2 | 121.7 | 129.3 | 135.3 | 135.6 |
| 40°    | 452.0  | 430.7  | 366.7 | 273.8 | 181.3 | 127.4 | 116.2 | 123.1 | 129.6 | 131.7 | 131.5 |
| 42.5°  | 493.2  | 466.4  | 385.2 | 275.9 | 176.5 | 124.1 | 115.9 | 121.4 | 124.3 | 124.3 | 124.1 |
| 45°    | 548.5  | 518.3  | 414.4 | 277.1 | 166.7 | 120.0 | 114.0 | 117.6 | 116.9 | 114.7 | 114.0 |
| 47.5°  | 616.3  | 579.6  | 451.5 | 281.4 | 157.1 | 115.9 | 111.9 | 112.8 | 109.5 | 104.7 | 104.4 |
| 50°    | 697.3  | 654.1  | 495.1 | 286.0 | 148.7 | 112.6 | 109.9 | 109.0 | 105.6 | 101.6 | 101.1 |
| 52.5°  | 773.2  | 721.2  | 534.6 | 289.1 | 141.8 | 110.4 | 108.5 | 108.3 | 104.9 | 99.6  | 99.2  |
| 55°    | 841.9  | 779.7  | 561.2 | 283.1 | 135.6 | 109.5 | 108.5 | 108.7 | 104.4 | 99.2  | 98.4  |
| 57.5°  | 941.3  | 873.1  | 603.4 | 274.3 | 128.1 | 109.2 | 109.2 | 109.5 | 104.2 | 99.2  | 98.4  |
| 60°    | 1027.8 | 951.9  | 644.8 | 273.5 | 121.0 | 109.0 | 109.5 | 109.2 | 105.4 | 102.3 | 101.6 |
| 62.5°  | 1057.5 | 985.2  | 646.7 | 256.3 | 116.4 | 107.8 | 108.5 | 109.7 | 109.0 | 107.5 | 106.8 |
| 65°    | 1113.5 | 1034.5 | 654.9 | 236.9 | 109.9 | 105.6 | 107.3 | 110.4 | 110.9 | 109.9 | 109.2 |
| 66°    | 1109.5 | 1027.6 | 647.0 | 230.9 | 107.8 | 104.4 | 106.6 | 109.9 | 110.9 | 110.7 | 110.2 |
| 67.5°  | 1089.4 | 1009.6 | 620.8 | 213.9 | 104.7 | 102.3 | 105.4 | 108.7 | 110.9 | 111.6 | 111.1 |
| 70°    | 1035.0 | 955.5  | 568.9 | 188.3 | 98.7  | 97.2  | 101.6 | 105.9 | 109.5 | 110.7 | 110.4 |
| 72.5°  | 881.9  | 806.2  | 475.9 | 160.7 | 90.3  | 90.1  | 95.1  | 100.4 | 104.7 | 105.9 | 105.4 |
| 75°    | 740.4  | 665.9  | 390.9 | 132.5 | 81.7  | 81.9  | 86.7  | 91.7  | 95.1  | 95.1  | 95.3  |
| 77.5°  | 593.5  | 530.5  | 309.7 | 109.9 | 72.8  | 72.8  | 76.2  | 80.2  | 82.4  | 81.4  | 80.0  |
| 80°    | 456.5  | 414.9  | 241.9 | 92.0  | 64.0  | 63.5  | 65.2  | 68.3  | 69.9  | 67.8  | 66.1  |
| 82.5°  | 368.6  | 332.7  | 191.4 | 76.6  | 55.3  | 54.9  | 55.6  | 57.7  | 58.7  | 56.3  | 55.6  |
| 85°    | 279.8  | 247.4  | 144.0 | 63.0  | 47.9  | 46.7  | 47.9  | 48.4  | 49.6  | 47.4  | 46.0  |
| 87.5°  | 197.8  | 175.3  | 104.4 | 52.5  | 41.0  | 40.2  | 40.0  | 40.5  | 41.2  | 39.8  | 39.0  |
| 90°    | 132.9  | 116.6  | 75.5  | 43.8  | 35.0  | 33.8  | 33.3  | 33.3  | 33.8  | 31.4  | 30.7  |
| 92.5°  | 85.3   | 75.5   | 52.5  | 35.0  | 29.2  | 27.8  | 26.8  | 27.1  | 26.8  | 24.4  | 24.0  |
| 95°    | 53.2   | 48.1   | 37.8  | 27.5  | 23.5  | 22.3  | 21.3  | 21.1  | 20.8  | 19.2  | 18.7  |
| 97.5°  | 34.7   | 33.1   | 28.3  | 21.8  | 18.7  | 17.7  | 17.2  | 17.0  | 17.0  | 15.8  | 15.1  |
| 100°   | 25.9   | 25.2   | 22.3  | 18.2  | 15.3  | 14.6  | 14.1  | 14.1  | 14.6  | 13.7  | 13.2  |
| 102.5° | 20.1   | 20.4   | 18.2  | 15.3  | 12.9  | 12.5  | 12.0  | 12.0  | 12.5  | 12.0  | 11.7  |
| 105°   | 15.3   | 15.3   | 14.9  | 12.7  | 11.0  | 10.8  | 10.3  | 10.3  | 10.8  | 10.8  | 10.8  |
| 107.5° | 12.0   | 12.5   | 12.0  | 10.5  | 9.6   | 9.3   | 8.9   | 8.9   | 9.3   | 9.6   | 9.8   |



REPORT NUMBER: P414473

CATALOG NUMBER: LXF.LXT-PA1-20-830-U-T2U-A

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|------|------|------|------|------|------|------|------|------|------|
| 110°   | 9.6 | 10.1 | 9.8  | 9.1  | 8.4  | 8.1  | 7.7  | 7.4  | 7.9  | 8.6  | 8.6  |
| 112.5° | 7.7 | 8.1  | 8.1  | 7.7  | 7.2  | 7.2  | 6.7  | 6.5  | 6.9  | 7.7  | 7.7  |
| 115°   | 6.5 | 6.9  | 6.9  | 6.7  | 6.5  | 6.2  | 5.7  | 5.5  | 6.0  | 6.7  | 6.9  |
| 117.5° | 5.5 | 6.0  | 6.0  | 6.0  | 5.7  | 5.5  | 5.0  | 4.8  | 5.0  | 5.7  | 6.0  |
| 120°   | 5.0 | 5.3  | 5.3  | 5.3  | 5.0  | 5.0  | 4.6  | 4.3  | 4.6  | 5.3  | 5.3  |
| 122.5° | 4.3 | 4.6  | 4.8  | 4.8  | 4.6  | 4.6  | 4.1  | 3.6  | 3.8  | 4.6  | 4.8  |
| 125°   | 3.8 | 4.1  | 4.3  | 4.3  | 4.1  | 4.1  | 3.6  | 3.4  | 3.6  | 4.1  | 4.3  |
| 127.5° | 3.6 | 3.8  | 3.8  | 3.8  | 3.8  | 3.6  | 3.1  | 2.9  | 3.1  | 3.8  | 3.8  |
| 130°   | 3.4 | 3.6  | 3.6  | 3.6  | 3.4  | 3.1  | 2.9  | 2.6  | 2.9  | 3.6  | 3.6  |
| 132.5° | 3.1 | 3.4  | 3.4  | 3.1  | 3.1  | 2.9  | 2.4  | 2.2  | 2.6  | 3.1  | 3.1  |
| 135°   | 2.6 | 2.9  | 2.9  | 2.9  | 2.6  | 2.4  | 2.2  | 1.9  | 2.4  | 2.6  | 2.6  |
| 137.5° | 2.2 | 2.4  | 2.4  | 2.4  | 2.2  | 1.9  | 1.7  | 1.7  | 1.9  | 2.4  | 2.4  |
| 140°   | 1.7 | 1.9  | 1.9  | 1.9  | 1.7  | 1.7  | 1.4  | 1.2  | 1.7  | 1.9  | 1.9  |
| 142.5° | 1.2 | 1.4  | 1.4  | 1.4  | 1.2  | 1.2  | 1.0  | 1.0  | 1.4  | 1.7  | 1.7  |
| 145°   | 0.7 | 1.0  | 1.0  | 1.0  | 1.0  | 0.7  | 0.7  | 0.7  | 1.0  | 1.2  | 1.2  |
| 147.5° | 0.5 | 0.7  | 0.7  | 0.7  | 0.7  | 0.5  | 0.2  | 0.5  | 0.7  | 1.0  | 1.0  |
| 150°   | 0.2 | 0.5  | 0.5  | 0.5  | 0.5  | 0.2  | 0.0  | 0.2  | 0.5  | 0.7  | 0.7  |
| 152.5° | 0.2 | 0.2  | 0.5  | 0.5  | 0.2  | 0.2  | 0.0  | 0.0  | 0.2  | 0.2  | 0.2  |
| 155°   | 0.0 | 0.2  | 0.2  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  | 0.2  | 0.2  | 0.0  |
| 157.5° | 0.0 | 0.0  | 0.0  | 0.2  | 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)