

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: P414204

Luminaire Tested: **LXF.LXT-PA1-20-730-U-T2R-A**

Issue Date: 10/26/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P414204  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1909-505-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 10/26/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA1-20-730-U-T2R-A  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 3000K, 260mA LIGHT ENGINE WITH 24 LEDS AND TYPE II ROADWAY OPTICS AND REFRACTOR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2319 lumens  
Efficiency: N/A  
Efficacy: 110.4 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')  
IES Classification: Type II - Medium - Non-Cutoff  
BUG Rating: B1 - U2 - G1

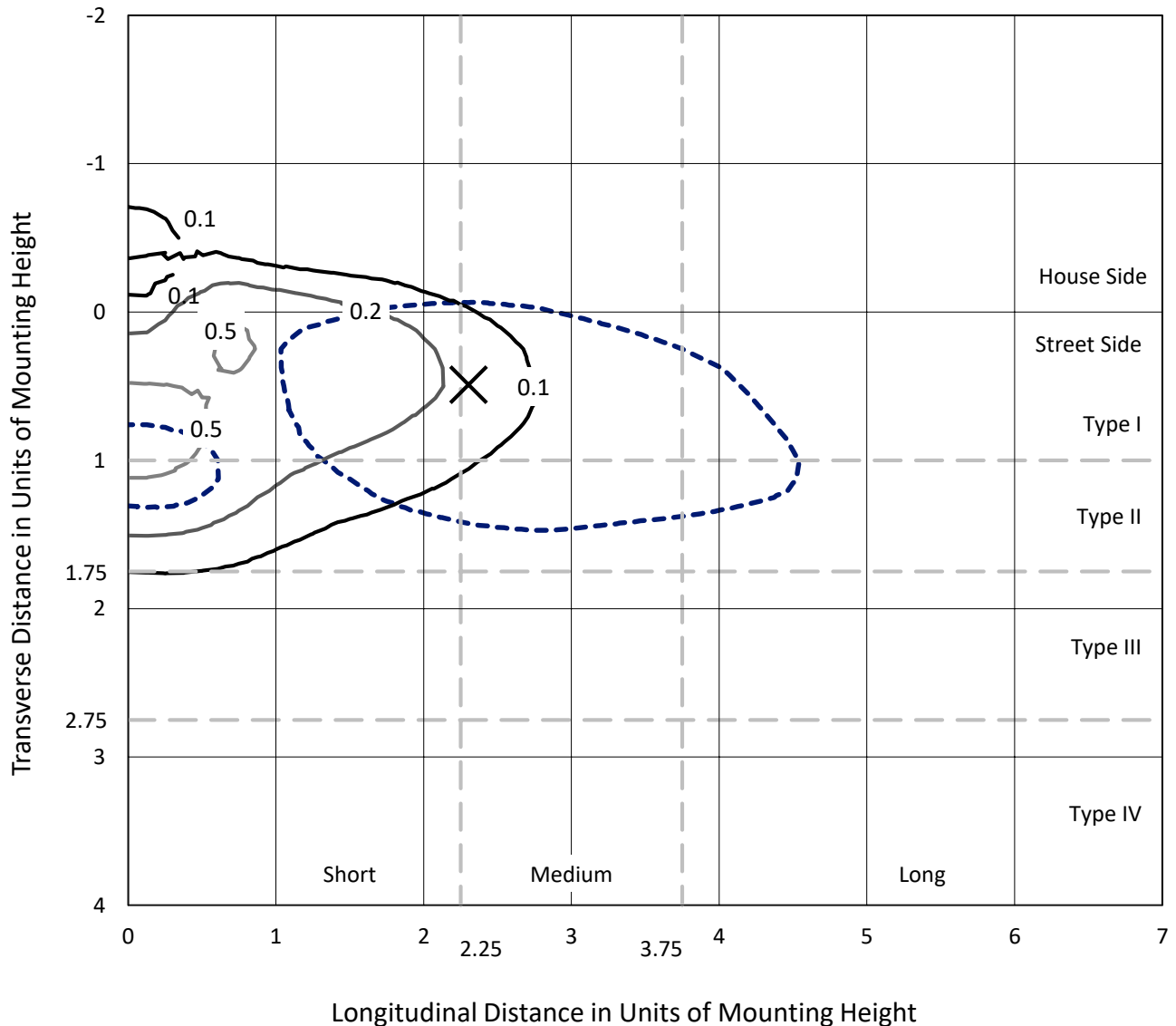
Input Watts (W): 21  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

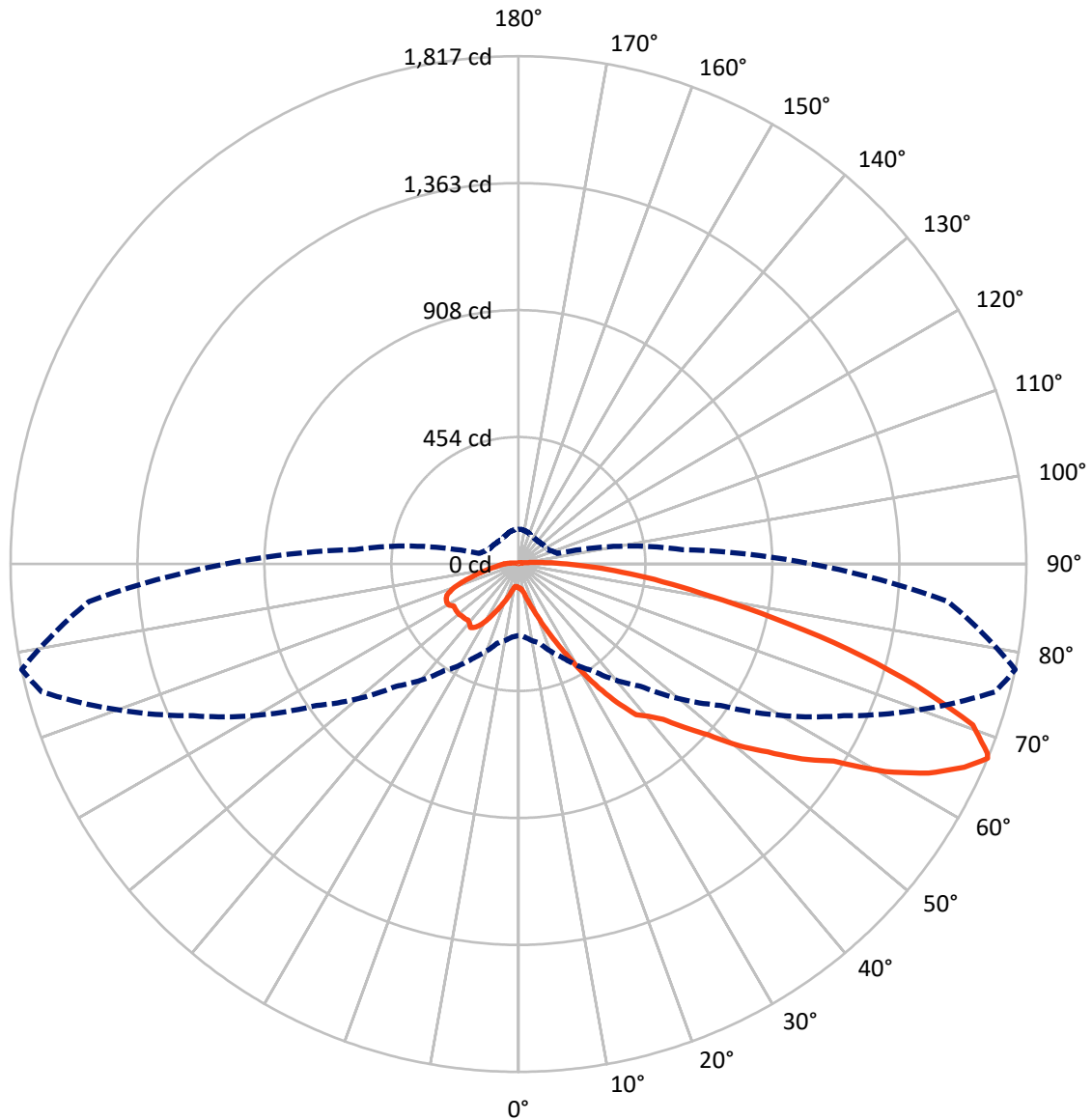
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.7 fc  
 Type II - Medium - Non-Cutoff

REPORT NUMBER: P414204  
CATALOG NUMBER: LXF.LXT-PA1-20-730-U-T2R-A

### Luminous Intensity Polar Plot



— Vertical Plane Through 78-Deg Lateral      - - - Horizontal Cone Through 67-Deg Vertical

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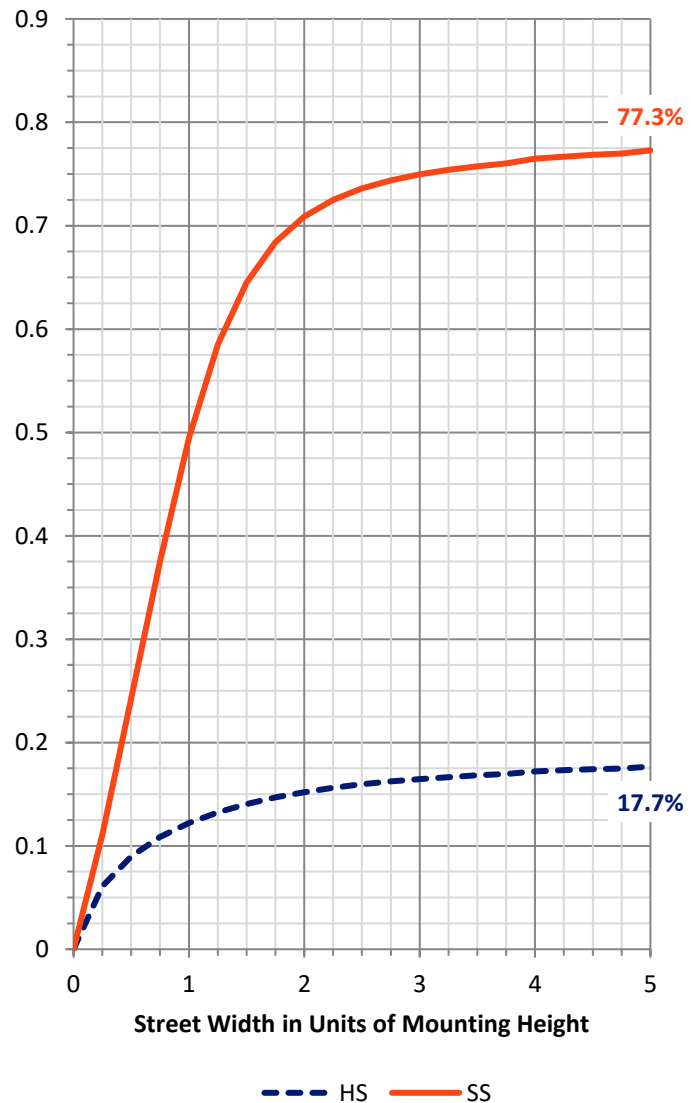
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 429.0    | 35.1   | 464.1  |
|                    | % Fixture | 18.5     | 1.5    | 20.0   |
| <b>Street Side</b> | Lumens    | 1817.5   | 37.4   | 1854.9 |
|                    | % Fixture | 78.4     | 1.6    | 80.0   |
| <b>Total</b>       | Lumens    | 2246.5   | 72.4   | 2319.0 |
|                    | % Fixture | 96.9     | 3.1    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 8.5    | 0.4       |
| 10°-20°   | 36.1   | 1.6       |
| 20°-30°   | 108.2  | 4.7       |
| 30°-40°   | 247.7  | 10.7      |
| 40°-50°   | 395.6  | 17.1      |
| 50°-60°   | 487.5  | 21.0      |
| 60°-70°   | 508.2  | 21.9      |
| 70°-80°   | 329.5  | 14.2      |
| 80°-90°   | 125.3  | 5.4       |
| 90°-100°  | 38.7   | 1.7       |
| 100°-110° | 14.9   | 0.6       |
| 110°-120° | 8.0    | 0.3       |
| 120°-130° | 5.3    | 0.2       |
| 130°-140° | 3.5    | 0.2       |
| 140°-150° | 1.6    | 0.1       |
| 150°-160° | 0.5    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 2246.5 | 96.9      |
| 0°-180°   | 2319.0 | 100.0     |



REPORT NUMBER: P414204

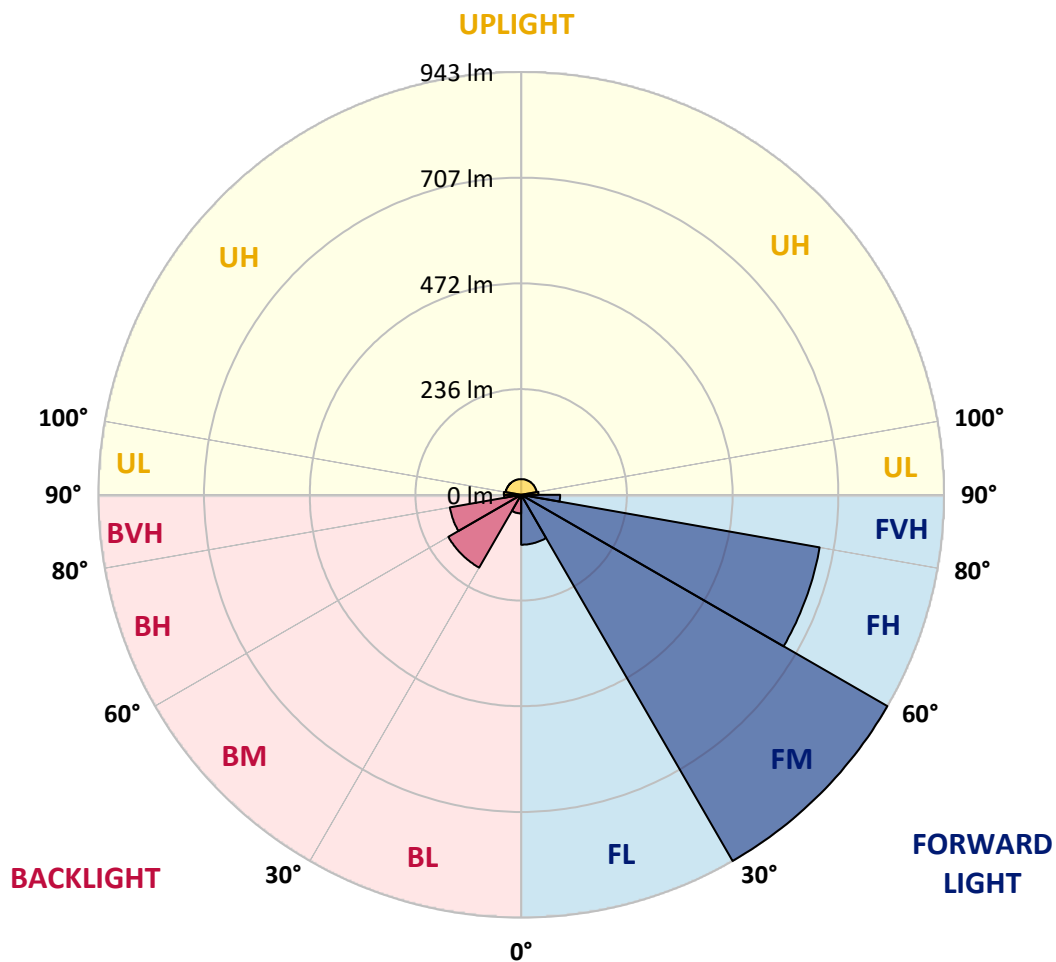
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|----------------|--------|-----------|-------------------------|-------|---------|
|                |        |           | B                       | U     | G       |
| FL (0°-30°)    | 111.3  | 4.8       |                         |       |         |
| FM (30°-60°)   | 943.3  | 40.7      |                         |       |         |
| FH (60°-80°)   | 676.0  | 29.2      |                         |       | G1/1800 |
| FVH (80°-90°)  | 86.9   | 3.7       |                         |       | G1/100  |
| BL (0°-30°)    | 41.4   | 1.8       | B0/110                  |       |         |
| BM (30°-60°)   | 187.6  | 8.1       | B0/220                  |       |         |
| BH (60°-80°)   | 161.6  | 7.0       | B1/500                  |       | G1/500  |
| BVH (80°-90°)  | 38.4   | 1.7       |                         |       | G1/100  |
| UL (90°-100°)  | 38.7   | 1.7       |                         | U2/50 |         |
| UH (100°-180°) | 35.1   | 1.5       |                         | U2/50 |         |

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

Type II Medium





REPORT NUMBER: P414204

CATALOG NUMBER: LXF.LXT-PA1-20-730-U-T2R-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°   | 35°   | 45°   | 55°   | 65°    | 75°    | 78°    | 85°    |
|--------|--------|--------|--------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0°     | 84.5   | 84.5   | 84.5   | 84.5  | 84.5  | 84.5  | 84.5  | 84.5   | 84.5   | 84.5   | 84.5   |
| 2.5°   | 95.5   | 95.2   | 95.0   | 94.4  | 93.3  | 92.2  | 90.6  | 88.4   | 86.7   | 86.5   | 84.8   |
| 5°     | 107.6  | 106.8  | 106.8  | 105.4 | 103.2 | 101.0 | 97.7  | 93.9   | 90.9   | 89.2   | 86.7   |
| 7.5°   | 122.4  | 120.8  | 121.3  | 119.1 | 116.1 | 112.3 | 107.1 | 101.8  | 96.1   | 94.4   | 90.9   |
| 10°    | 140.3  | 139.2  | 138.1  | 135.3 | 131.8 | 125.7 | 120.8 | 113.1  | 105.4  | 103.2  | 97.7   |
| 12.5°  | 161.9  | 162.2  | 158.9  | 155.9 | 149.9 | 143.8 | 137.8 | 130.4  | 121.9  | 119.4  | 112.3  |
| 15°    | 192.4  | 192.1  | 188.6  | 181.7 | 174.3 | 167.7 | 162.8 | 154.8  | 146.6  | 143.8  | 133.1  |
| 17.5°  | 228.1  | 227.3  | 224.5  | 212.5 | 205.0 | 199.8 | 192.7 | 187.7  | 175.9  | 172.9  | 159.8  |
| 20°    | 280.3  | 275.3  | 269.0  | 252.8 | 241.8 | 235.2 | 229.5 | 223.2  | 210.5  | 205.3  | 189.7  |
| 22.5°  | 338.2  | 340.6  | 329.1  | 304.1 | 285.7 | 273.7 | 267.6 | 264.3  | 254.7  | 251.2  | 227.6  |
| 25°    | 410.1  | 410.1  | 392.0  | 364.5 | 340.6 | 318.1 | 316.8 | 320.6  | 307.7  | 305.2  | 280.3  |
| 27.5°  | 485.8  | 488.9  | 465.0  | 435.6 | 399.4 | 373.0 | 371.7 | 375.0  | 373.9  | 366.7  | 331.0  |
| 30°    | 572.3  | 569.6  | 542.7  | 507.0 | 458.9 | 427.9 | 424.1 | 448.0  | 449.9  | 444.9  | 406.0  |
| 32.5°  | 673.0  | 670.8  | 637.1  | 581.9 | 522.6 | 486.9 | 489.4 | 523.2  | 536.3  | 527.8  | 482.3  |
| 35°    | 795.5  | 798.2  | 745.2  | 667.6 | 589.3 | 548.2 | 550.9 | 593.2  | 617.9  | 607.4  | 556.1  |
| 37.5°  | 921.2  | 922.0  | 873.4  | 768.3 | 661.0 | 602.5 | 609.1 | 660.7  | 692.5  | 684.0  | 613.5  |
| 40°    | 1000.8 | 1009.0 | 962.4  | 862.4 | 736.5 | 656.8 | 662.3 | 713.4  | 732.1  | 716.1  | 633.2  |
| 42.5°  | 1070.5 | 1076.8 | 1029.3 | 922.0 | 793.8 | 705.4 | 703.5 | 742.2  | 769.1  | 759.2  | 673.9  |
| 45°    | 1104.8 | 1117.2 | 1074.3 | 963.5 | 834.2 | 743.3 | 728.5 | 786.4  | 846.2  | 833.9  | 739.7  |
| 47.5°  | 1079.8 | 1094.9 | 1076.8 | 985.1 | 852.3 | 767.2 | 770.5 | 850.1  | 927.5  | 913.8  | 811.7  |
| 50°    | 998.3  | 1016.4 | 1022.5 | 968.9 | 857.0 | 779.0 | 814.1 | 921.2  | 1024.9 | 1022.2 | 900.0  |
| 52.5°  | 900.0  | 909.7  | 936.0  | 920.1 | 839.7 | 792.7 | 861.3 | 990.1  | 1125.4 | 1116.9 | 973.3  |
| 55°    | 809.2  | 821.8  | 843.5  | 834.2 | 796.8 | 794.4 | 898.7 | 1066.9 | 1232.2 | 1231.1 | 1065.6 |
| 57.5°  | 684.0  | 701.6  | 747.2  | 752.4 | 741.4 | 784.2 | 925.8 | 1127.3 | 1326.6 | 1330.4 | 1158.1 |
| 60°    | 525.1  | 539.9  | 609.1  | 664.3 | 673.9 | 760.3 | 939.6 | 1193.7 | 1488.0 | 1508.0 | 1319.7 |
| 62.5°  | 425.7  | 428.5  | 480.9  | 549.8 | 615.1 | 716.7 | 941.8 | 1277.7 | 1629.1 | 1647.2 | 1416.6 |
| 65°    | 318.7  | 318.1  | 366.4  | 444.9 | 535.8 | 665.6 | 934.9 | 1304.1 | 1705.7 | 1752.1 | 1509.1 |
| 67°    | 256.1  | 262.1  | 293.2  | 367.8 | 467.2 | 617.9 | 881.7 | 1284.6 | 1765.8 | 1816.8 | 1542.9 |
| 67.5°  | 246.2  | 249.2  | 277.5  | 348.1 | 451.5 | 603.6 | 866.0 | 1279.7 | 1765.5 | 1808.9 | 1532.7 |
| 70°    | 196.5  | 200.7  | 221.2  | 267.9 | 361.2 | 510.0 | 755.9 | 1164.9 | 1660.9 | 1724.1 | 1439.7 |
| 72.5°  | 151.8  | 155.1  | 169.6  | 205.0 | 275.0 | 410.6 | 625.3 | 1002.4 | 1438.3 | 1488.3 | 1220.6 |
| 75°    | 115.6  | 116.7  | 130.4  | 154.5 | 210.0 | 313.2 | 482.8 | 789.4  | 1182.8 | 1220.6 | 992.0  |
| 77.5°  | 89.5   | 92.0   | 102.4  | 118.6 | 155.9 | 235.8 | 363.4 | 614.9  | 940.9  | 935.2  | 754.3  |
| 80°    | 69.7   | 71.9   | 79.6   | 90.9  | 116.9 | 173.2 | 266.0 | 454.6  | 687.3  | 694.2  | 552.3  |
| 82.5°  | 56.0   | 57.6   | 62.9   | 71.1  | 90.0  | 131.8 | 194.3 | 339.8  | 522.6  | 520.2  | 404.9  |
| 85°    | 44.7   | 45.8   | 49.7   | 56.8  | 69.4  | 99.9  | 143.6 | 252.5  | 368.9  | 371.9  | 276.4  |
| 87.5°  | 34.9   | 36.2   | 40.6   | 45.0  | 54.9  | 76.0  | 106.0 | 175.1  | 245.4  | 247.9  | 189.9  |
| 90°    | 27.2   | 28.0   | 31.8   | 36.5  | 44.5  | 57.6  | 76.6  | 120.0  | 158.1  | 155.1  | 122.1  |
| 92.5°  | 20.0   | 20.9   | 24.4   | 28.8  | 34.6  | 44.5  | 55.2  | 76.9   | 92.5   | 94.4   | 76.3   |
| 95°    | 14.3   | 15.1   | 18.1   | 21.4  | 26.4  | 33.8  | 39.3  | 48.9   | 56.8   | 55.2   | 48.9   |
| 97.5°  | 11.0   | 11.3   | 13.4   | 15.9  | 20.0  | 26.1  | 29.1  | 33.8   | 37.3   | 36.5   | 34.0   |
| 100°   | 8.8    | 9.1    | 10.7   | 12.1  | 15.6  | 20.6  | 23.3  | 25.8   | 28.0   | 27.2   | 26.1   |
| 102.5° | 7.4    | 7.7    | 8.8    | 9.9   | 12.9  | 17.3  | 18.9  | 20.6   | 21.4   | 21.4   | 20.9   |
| 105°   | 6.3    | 6.6    | 7.4    | 8.5   | 11.0  | 14.3  | 15.4  | 16.2   | 17.0   | 16.7   | 16.7   |
| 107.5° | 5.8    | 5.8    | 6.6    | 7.4   | 9.6   | 12.1  | 12.6  | 12.9   | 13.2   | 13.2   | 13.7   |



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CATALOG NUMBER: LXF.LXT-PA1-20-730-U-T2R-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45°  | 55°  | 65°  | 75°  | 78°  | 85°  |
|--------|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| 110°   | 5.2 | 5.5 | 6.0 | 6.6 | 8.5 | 10.7 | 10.7 | 10.4 | 10.4 | 10.4 | 11.3 |
| 112.5° | 4.9 | 5.2 | 5.5 | 6.3 | 8.0 | 9.3  | 9.1  | 8.5  | 8.5  | 8.8  | 9.6  |
| 115°   | 4.9 | 4.9 | 5.2 | 6.0 | 7.4 | 8.5  | 8.0  | 7.1  | 7.1  | 7.4  | 8.2  |
| 117.5° | 4.9 | 4.9 | 5.5 | 6.0 | 7.1 | 7.7  | 7.1  | 6.3  | 6.0  | 6.3  | 7.1  |
| 120°   | 5.2 | 5.2 | 5.5 | 6.0 | 6.6 | 7.1  | 6.6  | 5.8  | 5.5  | 5.8  | 6.6  |
| 122.5° | 5.5 | 5.5 | 5.5 | 6.0 | 6.3 | 6.6  | 6.0  | 5.2  | 4.9  | 5.2  | 6.0  |
| 125°   | 5.8 | 5.8 | 5.8 | 6.0 | 6.3 | 6.0  | 5.5  | 4.9  | 4.9  | 4.9  | 5.8  |
| 127.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 5.8  | 5.2  | 4.7  | 4.9  | 4.9  | 5.5  |
| 130°   | 6.9 | 6.9 | 6.6 | 6.3 | 6.0 | 5.5  | 4.9  | 4.4  | 4.7  | 4.9  | 5.5  |
| 132.5° | 7.1 | 6.9 | 6.6 | 6.0 | 5.8 | 4.9  | 4.4  | 4.1  | 4.4  | 4.7  | 5.2  |
| 135°   | 6.6 | 6.6 | 6.0 | 5.5 | 5.2 | 4.4  | 3.8  | 3.8  | 4.1  | 4.4  | 4.7  |
| 137.5° | 5.8 | 5.8 | 5.5 | 4.9 | 4.7 | 4.1  | 3.6  | 3.3  | 3.8  | 4.1  | 4.4  |
| 140°   | 4.9 | 4.9 | 4.7 | 4.1 | 3.8 | 3.6  | 3.0  | 2.7  | 3.3  | 3.6  | 3.8  |
| 142.5° | 4.1 | 4.1 | 3.8 | 3.3 | 3.3 | 3.0  | 2.5  | 2.5  | 3.0  | 3.0  | 3.3  |
| 145°   | 3.3 | 3.3 | 3.3 | 2.7 | 2.7 | 2.5  | 1.9  | 2.2  | 2.5  | 2.7  | 2.7  |
| 147.5° | 2.7 | 2.7 | 2.7 | 2.2 | 2.2 | 1.9  | 1.4  | 1.6  | 1.9  | 2.2  | 2.2  |
| 150°   | 2.2 | 2.2 | 2.2 | 1.9 | 1.6 | 1.4  | 1.1  | 1.4  | 1.4  | 1.6  | 1.6  |
| 152.5° | 1.6 | 1.6 | 1.6 | 1.4 | 1.4 | 0.8  | 0.8  | 1.1  | 1.1  | 1.4  | 1.4  |
| 155°   | 1.1 | 1.1 | 1.4 | 1.1 | 0.8 | 0.5  | 0.8  | 0.8  | 1.1  | 1.1  | 1.1  |
| 157.5° | 0.8 | 0.8 | 0.8 | 0.5 | 0.5 | 0.5  | 0.5  | 0.5  | 0.8  | 0.8  | 0.8  |
| 160°   | 0.3 | 0.3 | 0.5 | 0.5 | 0.5 | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  |
| 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  |





REPORT NUMBER: P414204

CATALOG NUMBER: LXF.LXT-PA1-20-730-U-T2R-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 84.5   | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  |
| 2.5°   | 84.0   | 83.4  | 82.1  | 80.7  | 79.3  | 78.2  | 76.9  | 76.6  | 76.6  | 76.0  | 76.0  |
| 5°     | 85.1   | 83.4  | 80.2  | 77.4  | 74.4  | 71.9  | 70.0  | 69.2  | 68.3  | 67.8  | 67.2  |
| 7.5°   | 87.6   | 84.8  | 79.3  | 74.9  | 70.5  | 66.7  | 64.0  | 62.6  | 61.8  | 60.9  | 61.2  |
| 10°    | 93.3   | 89.2  | 81.2  | 74.1  | 67.5  | 62.3  | 59.0  | 57.4  | 56.8  | 56.0  | 56.0  |
| 12.5°  | 105.7  | 100.2 | 88.7  | 76.6  | 66.4  | 59.3  | 55.4  | 54.9  | 55.4  | 56.3  | 56.3  |
| 15°    | 125.2  | 116.9 | 100.2 | 83.4  | 68.9  | 58.7  | 56.5  | 58.2  | 60.1  | 61.2  | 61.2  |
| 17.5°  | 149.0  | 137.8 | 113.9 | 91.4  | 72.5  | 63.7  | 60.9  | 63.1  | 65.6  | 67.2  | 67.2  |
| 20°    | 175.4  | 160.3 | 127.9 | 98.3  | 77.7  | 70.5  | 67.5  | 69.4  | 72.7  | 75.2  | 74.9  |
| 22.5°  | 209.7  | 187.7 | 144.1 | 104.3 | 84.0  | 76.9  | 74.9  | 77.4  | 82.3  | 85.6  | 85.9  |
| 25°    | 252.3  | 222.1 | 163.0 | 112.3 | 89.8  | 82.3  | 82.9  | 87.3  | 93.9  | 97.4  | 97.4  |
| 27.5°  | 297.5  | 259.4 | 179.2 | 120.2 | 95.8  | 88.1  | 90.9  | 96.9  | 104.0 | 108.1 | 108.7 |
| 30°    | 357.4  | 307.4 | 199.6 | 128.2 | 101.0 | 93.9  | 97.2  | 104.3 | 109.5 | 112.0 | 112.3 |
| 32.5°  | 418.3  | 353.0 | 215.7 | 136.4 | 106.0 | 98.0  | 101.0 | 107.9 | 112.5 | 115.3 | 115.0 |
| 35°    | 473.5  | 389.8 | 225.4 | 140.3 | 110.3 | 101.0 | 102.4 | 109.8 | 112.5 | 114.2 | 113.9 |
| 37.5°  | 515.8  | 416.1 | 228.9 | 141.1 | 112.0 | 102.4 | 102.9 | 109.2 | 113.1 | 116.1 | 115.6 |
| 40°    | 522.9  | 412.6 | 215.5 | 136.1 | 111.7 | 102.4 | 103.5 | 110.6 | 114.7 | 116.1 | 115.8 |
| 42.5°  | 549.3  | 422.4 | 203.9 | 127.4 | 108.4 | 102.1 | 104.6 | 111.2 | 113.1 | 112.3 | 111.4 |
| 45°    | 595.1  | 443.3 | 200.7 | 123.0 | 104.3 | 101.3 | 105.1 | 109.8 | 109.5 | 107.9 | 107.3 |
| 47.5°  | 640.4  | 463.3 | 193.5 | 121.0 | 103.2 | 101.0 | 104.9 | 108.1 | 109.0 | 107.3 | 106.8 |
| 50°    | 698.0  | 490.0 | 187.7 | 118.3 | 103.5 | 101.0 | 104.3 | 108.1 | 108.7 | 106.0 | 105.7 |
| 52.5°  | 749.6  | 508.4 | 179.2 | 115.8 | 103.8 | 101.8 | 104.3 | 108.1 | 108.4 | 105.7 | 105.1 |
| 55°    | 803.4  | 527.8 | 170.5 | 113.4 | 104.6 | 102.7 | 105.1 | 108.4 | 108.7 | 106.8 | 106.2 |
| 57.5°  | 857.2  | 544.9 | 160.6 | 111.4 | 105.4 | 104.3 | 105.7 | 108.7 | 110.9 | 110.3 | 110.3 |
| 60°    | 967.0  | 593.7 | 158.9 | 111.7 | 106.2 | 105.7 | 106.2 | 110.1 | 114.2 | 112.8 | 113.1 |
| 62.5°  | 1010.4 | 604.1 | 155.9 | 115.3 | 108.7 | 106.8 | 107.1 | 111.2 | 115.6 | 117.5 | 117.2 |
| 65°    | 1049.9 | 605.0 | 149.9 | 117.8 | 111.7 | 107.6 | 107.6 | 111.4 | 118.9 | 123.2 | 123.2 |
| 67°    | 1047.7 | 588.5 | 145.5 | 118.0 | 113.1 | 108.4 | 107.3 | 111.4 | 119.1 | 124.1 | 124.3 |
| 67.5°  | 1035.1 | 577.8 | 143.8 | 118.0 | 113.4 | 108.4 | 107.1 | 111.2 | 119.1 | 124.3 | 124.3 |
| 70°    | 959.1  | 521.5 | 133.1 | 115.0 | 112.5 | 107.1 | 105.4 | 108.4 | 117.5 | 124.6 | 124.6 |
| 72.5°  | 794.4  | 429.3 | 118.0 | 107.6 | 107.3 | 103.5 | 101.0 | 104.3 | 113.1 | 120.5 | 120.2 |
| 75°    | 642.0  | 343.1 | 102.9 | 96.6  | 99.4  | 96.6  | 94.7  | 97.2  | 105.7 | 113.1 | 112.5 |
| 77.5°  | 479.8  | 257.7 | 88.9  | 86.2  | 90.0  | 88.1  | 86.5  | 88.9  | 97.2  | 104.3 | 103.2 |
| 80°    | 354.6  | 198.7 | 77.4  | 76.3  | 79.1  | 78.5  | 78.0  | 79.1  | 86.2  | 90.9  | 90.0  |
| 82.5°  | 261.0  | 151.2 | 66.7  | 65.9  | 69.2  | 69.2  | 69.2  | 70.0  | 75.2  | 76.9  | 76.0  |
| 85°    | 185.6  | 113.9 | 58.7  | 56.5  | 59.3  | 60.7  | 61.5  | 61.8  | 64.5  | 64.8  | 62.9  |
| 87.5°  | 130.7  | 89.8  | 52.7  | 48.0  | 49.4  | 52.4  | 53.8  | 53.5  | 54.6  | 53.8  | 51.9  |
| 90°    | 91.1   | 70.5  | 47.8  | 40.9  | 40.9  | 43.9  | 46.1  | 45.8  | 46.1  | 43.9  | 42.0  |
| 92.5°  | 64.2   | 53.3  | 40.3  | 33.8  | 33.2  | 36.2  | 38.2  | 37.9  | 37.9  | 35.7  | 33.8  |
| 95°    | 43.1   | 39.3  | 32.1  | 27.2  | 26.4  | 28.8  | 30.7  | 30.2  | 30.2  | 28.0  | 27.2  |
| 97.5°  | 31.8   | 29.9  | 26.4  | 23.1  | 21.4  | 22.8  | 24.2  | 24.2  | 24.4  | 23.1  | 22.2  |
| 100°   | 25.0   | 24.2  | 22.5  | 19.8  | 18.1  | 18.4  | 19.2  | 19.2  | 20.3  | 19.2  | 18.7  |
| 102.5° | 20.9   | 20.3  | 18.9  | 17.0  | 15.6  | 15.4  | 15.9  | 16.2  | 17.6  | 16.7  | 16.5  |
| 105°   | 17.3   | 17.0  | 16.2  | 14.5  | 13.4  | 13.4  | 13.4  | 13.7  | 15.1  | 14.5  | 14.5  |
| 107.5° | 14.0   | 14.0  | 14.0  | 12.6  | 11.8  | 11.8  | 11.5  | 11.8  | 12.9  | 12.9  | 12.9  |



REPORT NUMBER: P414204

CATALOG NUMBER: LXF.LXT-PA1-20-730-U-T2R-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110°   | 11.8 | 11.8 | 12.1 | 11.0 | 10.4 | 10.4 | 10.2 | 10.4 | 11.5 | 11.8 | 11.8 |
| 112.5° | 10.2 | 10.2 | 10.4 | 9.9  | 9.3  | 9.3  | 9.1  | 9.1  | 10.2 | 11.0 | 11.0 |
| 115°   | 8.8  | 9.1  | 9.1  | 8.8  | 8.5  | 8.2  | 8.0  | 8.2  | 9.3  | 10.2 | 10.2 |
| 117.5° | 7.7  | 8.0  | 8.2  | 8.0  | 7.7  | 7.4  | 7.1  | 7.4  | 8.5  | 9.6  | 9.6  |
| 120°   | 6.9  | 7.1  | 7.4  | 7.4  | 7.1  | 6.9  | 6.3  | 6.9  | 7.7  | 8.8  | 9.1  |
| 122.5° | 6.3  | 6.6  | 6.6  | 6.6  | 6.6  | 6.0  | 5.8  | 6.0  | 6.9  | 8.0  | 8.2  |
| 125°   | 6.0  | 6.0  | 6.3  | 6.3  | 6.0  | 5.5  | 5.2  | 5.5  | 6.0  | 6.9  | 7.1  |
| 127.5° | 5.8  | 5.8  | 6.0  | 6.0  | 5.5  | 4.9  | 4.7  | 4.9  | 5.5  | 6.0  | 6.0  |
| 130°   | 5.8  | 5.8  | 5.8  | 5.5  | 5.2  | 4.7  | 4.1  | 4.4  | 4.9  | 5.5  | 5.5  |
| 132.5° | 5.5  | 5.2  | 5.2  | 5.2  | 4.7  | 4.1  | 3.8  | 3.8  | 4.4  | 4.9  | 4.9  |
| 135°   | 4.9  | 4.9  | 4.7  | 4.7  | 4.4  | 3.6  | 3.3  | 3.3  | 3.8  | 4.4  | 4.4  |
| 137.5° | 4.4  | 4.4  | 4.1  | 4.1  | 3.8  | 3.3  | 2.7  | 3.0  | 3.6  | 3.6  | 3.8  |
| 140°   | 3.8  | 3.8  | 3.6  | 3.6  | 3.3  | 2.7  | 2.2  | 2.5  | 3.0  | 3.0  | 3.3  |
| 142.5° | 3.3  | 3.3  | 3.3  | 3.0  | 2.7  | 2.2  | 1.9  | 2.2  | 2.7  | 2.7  | 2.7  |
| 145°   | 2.7  | 2.7  | 2.7  | 2.5  | 2.2  | 1.6  | 1.4  | 1.9  | 2.5  | 2.2  | 2.2  |
| 147.5° | 2.2  | 2.2  | 2.2  | 2.2  | 1.6  | 1.4  | 1.1  | 1.6  | 1.9  | 1.9  | 1.9  |
| 150°   | 1.6  | 1.6  | 1.6  | 1.6  | 1.4  | 0.8  | 0.8  | 1.4  | 1.6  | 1.6  | 1.6  |
| 152.5° | 1.4  | 1.4  | 1.4  | 1.6  | 1.4  | 0.5  | 0.5  | 1.1  | 1.4  | 1.4  | 1.4  |
| 155°   | 1.1  | 1.1  | 1.4  | 1.4  | 1.1  | 0.5  | 0.3  | 0.8  | 1.1  | 1.1  | 1.1  |
| 157.5° | 0.8  | 0.8  | 1.1  | 1.1  | 0.8  | 0.5  | 0.3  | 0.5  | 1.1  | 0.8  | 0.8  |
| 160°   | 0.5  | 0.8  | 0.8  | 0.8  | 0.8  | 0.5  | 0.0  | 0.5  | 0.8  | 0.5  | 0.5  |
| 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)