

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: P694768

Luminaire Tested: **LXF.LXT-PA16-30-727-U-SL3-FL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P694768
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-29)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-30-727-U-SL3-FL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 2700K, 560mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL
LIGHT ELIMINATOR OPTICS AND FROSTED LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2810 lumens
Efficiency: N/A
Efficacy: 96.2 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type IV - Medium
BUG Rating: B1 - U3 - G2

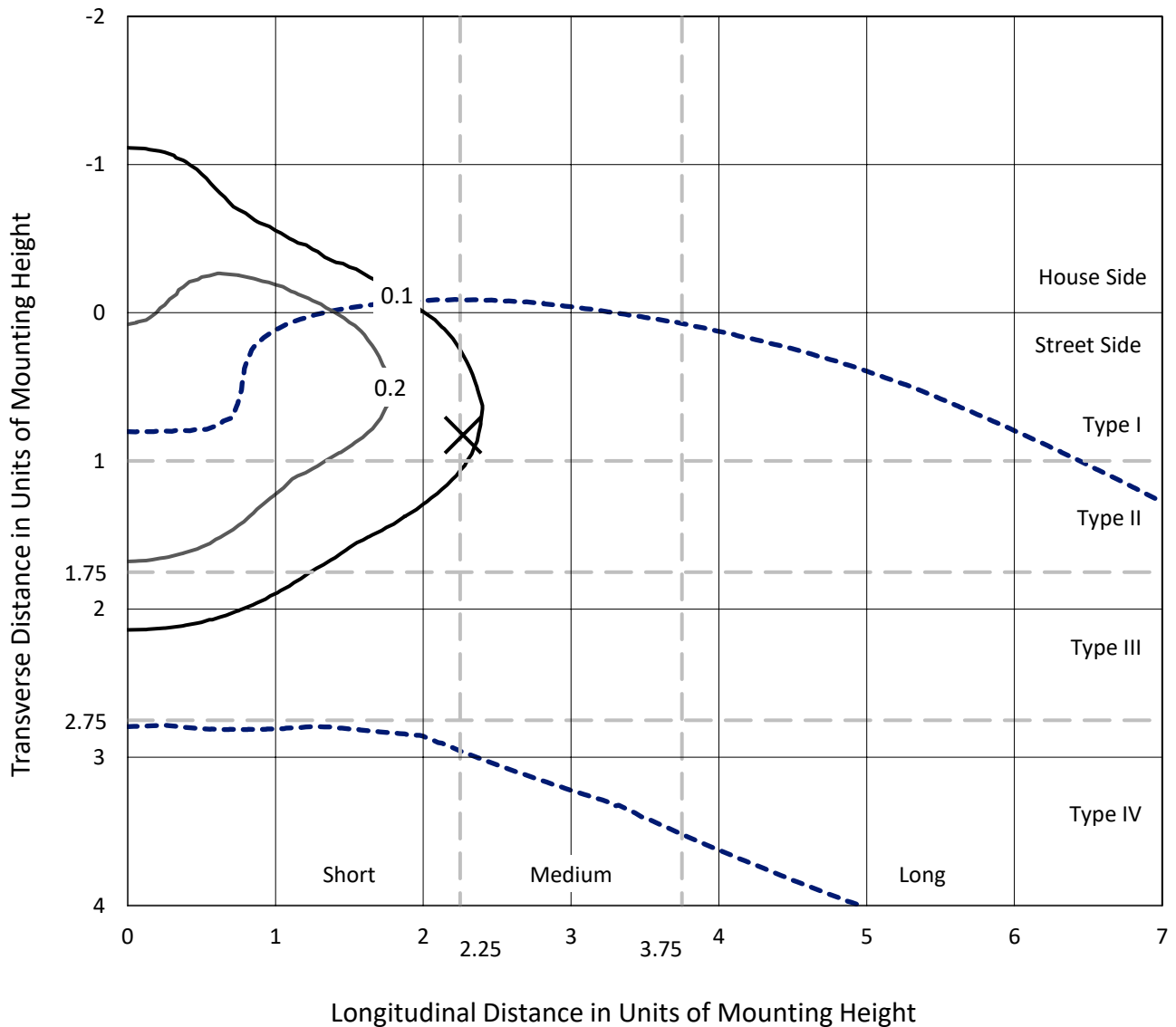
Input Watts (W): 29.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P694768
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Iso-Footcandle Lines of Horizontal Illumination

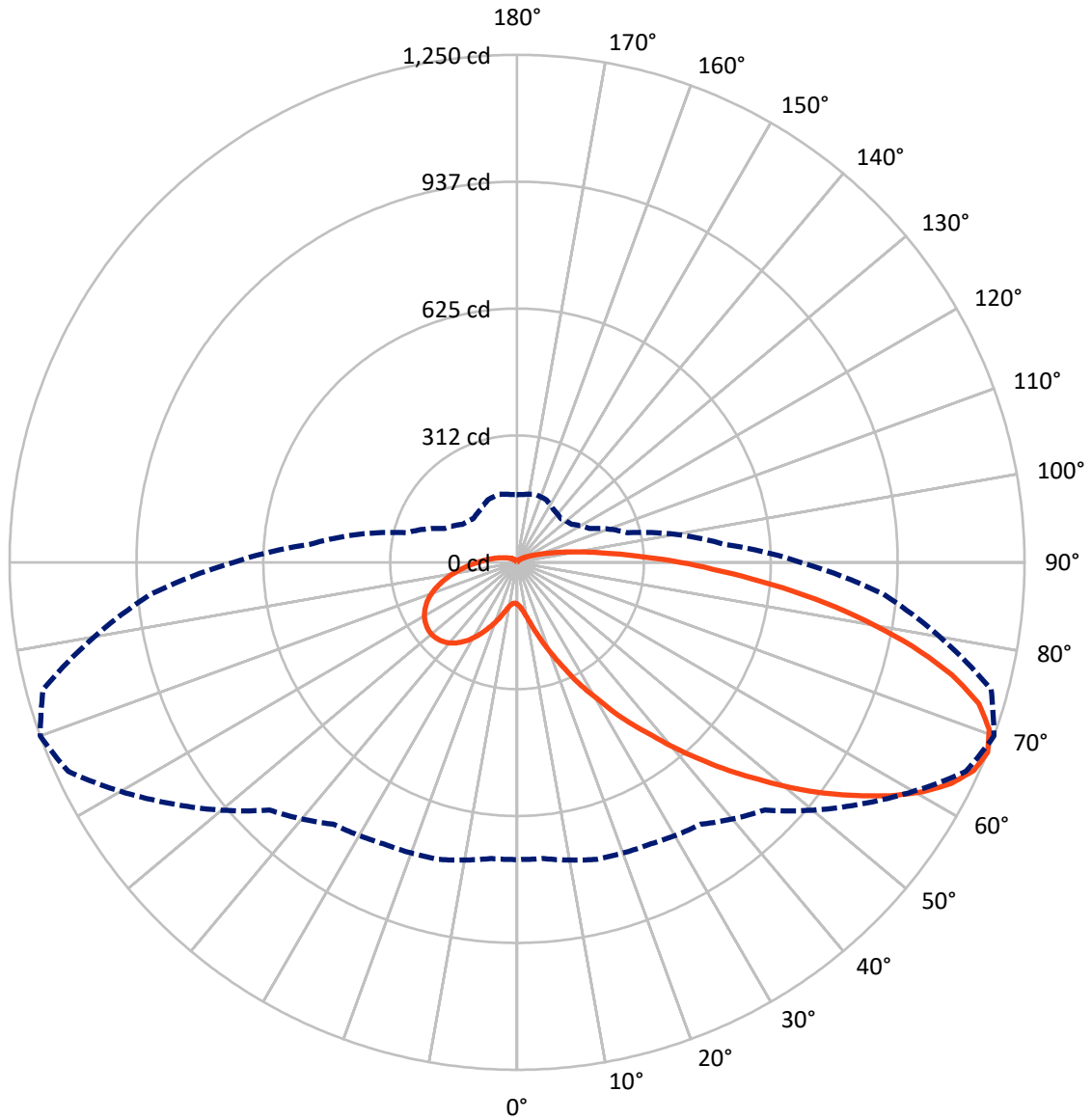
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.5 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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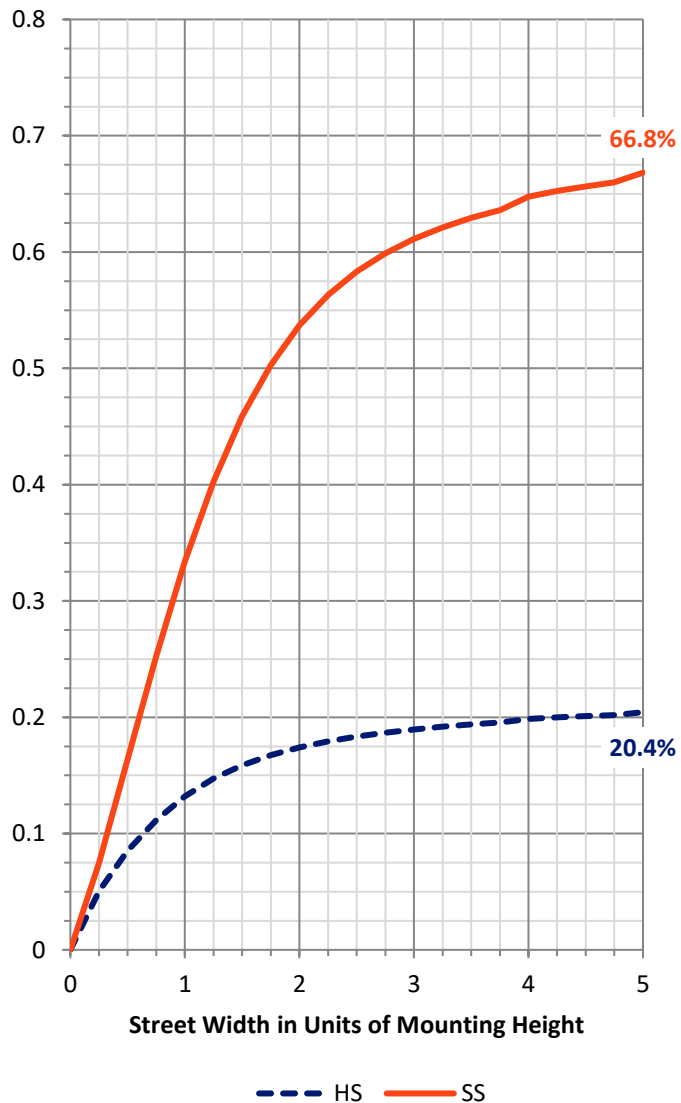
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 605.8 | 82.5 | 688.2 |
| | % Fixture | 21.6 | 2.9 | 24.5 |
| Street Side | Lumens | 1967.3 | 154.4 | 2121.8 |
| | % Fixture | 70.0 | 5.5 | 75.5 |
| Total | Lumens | 2573.1 | 236.9 | 2810.0 |
| | % Fixture | 91.6 | 8.4 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 10.8 | 0.4 |
| 10°-20° | 44.5 | 1.6 |
| 20°-30° | 112.1 | 4.0 |
| 30°-40° | 219.6 | 7.8 |
| 40°-50° | 357.5 | 12.7 |
| 50°-60° | 500.9 | 17.8 |
| 60°-70° | 574.6 | 20.4 |
| 70°-80° | 478.2 | 17.0 |
| 80°-90° | 275.0 | 9.8 |
| 90°-100° | 126.2 | 4.5 |
| 100°-110° | 57.8 | 2.1 |
| 110°-120° | 28.4 | 1.0 |
| 120°-130° | 14.7 | 0.5 |
| 130°-140° | 7.1 | 0.3 |
| 140°-150° | 2.6 | 0.1 |
| 150°-160° | 0.1 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 2573.1 | 91.6 |
| 0°-180° | 2810.0 | 100.0 |

Coefficient of Utilization

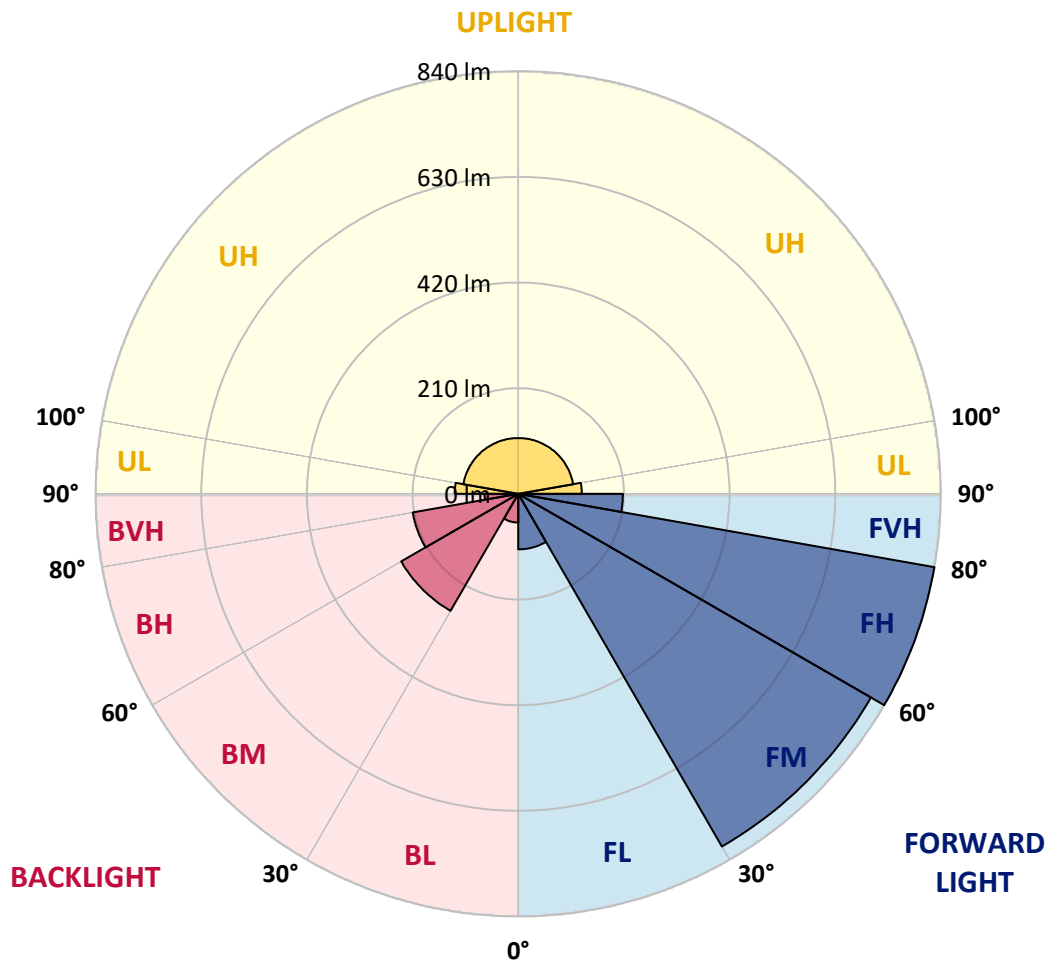


REPORT NUMBER: P694768
 CATALOG NUMBER: LXF.LXT-PA16-30-727-U-SL3-FL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 110.3 | 3.9 | | | |
| FM (30°-60°) | 809.3 | 28.8 | | | |
| FH (60°-80°) | 839.8 | 29.9 | | | G1/1800 |
| FVH (80°-90°) | 207.9 | 7.4 | | | G2/225 |
| BL (0°-30°) | 57.0 | 2.0 | B0/110 | | |
| BM (30°-60°) | 268.7 | 9.6 | B1/1000 | | |
| BH (60°-80°) | 213.0 | 7.6 | B1/500 | | G1/500 |
| BVH (80°-90°) | 67.1 | 2.4 | | | G1/100 |
| UL (90°-100°) | 126.2 | 4.5 | | U3/500 | |
| UH (100°-180°) | 110.7 | 3.9 | | U3/500 | |

BUG Rating: B1-U3-G2
 Type IV Medium



REPORT NUMBER: P694768

CATALOG NUMBER: LXF.LXT-PA16-30-727-U-SL3-FL

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-------|
| 0° | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 |
| 2.5° | 113.1 | 113.1 | 113.1 | 112.0 | 112.0 | 109.9 | 109.9 | 107.7 | 107.7 | 106.6 | 104.4 |
| 5° | 127.3 | 127.3 | 126.2 | 126.2 | 124.0 | 121.8 | 119.7 | 116.4 | 114.2 | 113.1 | 109.9 |
| 7.5° | 143.6 | 143.6 | 142.5 | 140.3 | 139.2 | 136.0 | 131.6 | 127.3 | 125.1 | 122.9 | 117.5 |
| 10° | 163.2 | 163.2 | 161.0 | 159.9 | 157.7 | 153.4 | 149.0 | 142.5 | 139.2 | 136.0 | 128.4 |
| 12.5° | 186.0 | 183.8 | 183.8 | 180.6 | 177.3 | 174.0 | 168.6 | 161.0 | 157.7 | 153.4 | 143.6 |
| 15° | 209.9 | 209.9 | 209.9 | 206.7 | 202.3 | 196.9 | 192.5 | 184.9 | 182.7 | 176.2 | 165.3 |
| 17.5° | 238.2 | 240.4 | 237.1 | 232.8 | 230.6 | 225.2 | 219.7 | 214.3 | 208.8 | 202.3 | 188.2 |
| 20° | 273.0 | 271.9 | 268.7 | 264.3 | 261.1 | 255.6 | 252.4 | 242.6 | 238.2 | 231.7 | 211.0 |
| 22.5° | 306.7 | 307.8 | 304.6 | 298.0 | 293.7 | 290.4 | 285.0 | 277.4 | 270.9 | 263.2 | 240.4 |
| 25° | 351.3 | 350.3 | 342.6 | 332.9 | 328.5 | 324.2 | 320.9 | 313.3 | 308.9 | 302.4 | 273.0 |
| 27.5° | 395.9 | 391.6 | 386.2 | 377.5 | 366.6 | 359.0 | 356.8 | 353.5 | 350.3 | 339.4 | 306.7 |
| 30° | 442.7 | 438.4 | 431.8 | 417.7 | 402.5 | 393.8 | 393.8 | 398.1 | 390.5 | 381.8 | 344.8 |
| 32.5° | 492.8 | 487.3 | 478.6 | 461.2 | 440.5 | 430.8 | 435.1 | 442.7 | 441.6 | 428.6 | 382.9 |
| 35° | 542.8 | 541.7 | 528.7 | 506.9 | 480.8 | 468.8 | 475.4 | 490.6 | 490.6 | 480.8 | 424.2 |
| 37.5° | 591.7 | 592.8 | 580.9 | 553.7 | 519.9 | 506.9 | 516.7 | 541.7 | 541.7 | 534.1 | 464.5 |
| 40° | 653.7 | 651.6 | 629.8 | 598.3 | 561.3 | 545.0 | 564.5 | 597.2 | 602.6 | 588.5 | 509.1 |
| 42.5° | 707.0 | 702.7 | 685.3 | 646.1 | 601.5 | 582.0 | 609.1 | 653.7 | 664.6 | 648.3 | 554.8 |
| 45° | 761.4 | 756.0 | 735.3 | 691.8 | 641.8 | 618.9 | 657.0 | 716.8 | 731.0 | 715.7 | 602.6 |
| 47.5° | 812.6 | 807.1 | 788.6 | 736.4 | 684.2 | 663.5 | 706.0 | 781.0 | 798.4 | 785.4 | 649.4 |
| 50° | 859.3 | 858.2 | 835.4 | 781.0 | 721.2 | 701.6 | 757.1 | 848.5 | 871.3 | 851.7 | 697.3 |
| 52.5° | 899.6 | 895.2 | 873.5 | 821.3 | 758.2 | 742.9 | 809.3 | 919.2 | 944.2 | 924.6 | 745.1 |
| 55° | 924.6 | 922.4 | 902.8 | 851.7 | 791.9 | 781.0 | 861.5 | 983.3 | 1013.8 | 996.4 | 789.7 |
| 57.5° | 936.6 | 933.3 | 917.0 | 871.3 | 816.9 | 815.8 | 909.4 | 1049.7 | 1084.5 | 1061.7 | 835.4 |
| 60° | 924.6 | 922.4 | 911.5 | 876.7 | 833.2 | 843.0 | 959.4 | 1110.6 | 1147.6 | 1122.6 | 871.3 |
| 62.5° | 884.3 | 884.3 | 883.3 | 862.6 | 836.5 | 865.9 | 998.6 | 1162.8 | 1199.8 | 1169.3 | 897.4 |
| 65° | 821.3 | 824.5 | 831.0 | 826.7 | 822.3 | 873.5 | 1024.7 | 1202.0 | 1235.7 | 1199.8 | 911.5 |
| 67.5° | 732.1 | 732.1 | 757.1 | 766.9 | 787.5 | 862.6 | 1036.6 | 1219.4 | 1249.8 | 1208.5 | 906.1 |
| 70° | 633.1 | 633.1 | 661.4 | 689.6 | 735.3 | 834.3 | 1023.6 | 1209.6 | 1233.5 | 1187.8 | 882.2 |
| 72.5° | 529.7 | 530.8 | 564.5 | 603.7 | 666.8 | 785.4 | 988.8 | 1167.2 | 1188.9 | 1134.5 | 834.3 |
| 75° | 428.6 | 437.3 | 465.6 | 516.7 | 589.6 | 720.1 | 923.5 | 1093.2 | 1106.3 | 1054.0 | 766.9 |
| 77.5° | 339.4 | 350.3 | 384.0 | 434.0 | 510.2 | 637.4 | 835.4 | 994.2 | 996.4 | 946.4 | 685.3 |
| 80° | 268.7 | 276.3 | 311.1 | 357.9 | 431.8 | 553.7 | 731.0 | 871.3 | 869.1 | 820.2 | 587.4 |
| 82.5° | 212.1 | 217.6 | 244.7 | 290.4 | 361.1 | 474.3 | 627.6 | 731.0 | 738.6 | 690.7 | 492.8 |
| 85° | 163.2 | 169.7 | 194.7 | 235.0 | 298.0 | 394.9 | 518.9 | 599.4 | 602.6 | 560.2 | 405.7 |
| 87.5° | 125.1 | 131.6 | 154.5 | 192.5 | 245.8 | 324.2 | 423.1 | 486.2 | 480.8 | 447.1 | 320.9 |
| 90° | 96.8 | 100.1 | 122.9 | 154.5 | 201.2 | 267.6 | 340.5 | 381.8 | 381.8 | 349.2 | 256.7 |
| 92.5° | 77.2 | 78.3 | 99.0 | 127.3 | 166.4 | 217.6 | 274.1 | 300.2 | 292.6 | 274.1 | 202.3 |
| 95° | 60.9 | 63.1 | 79.4 | 104.4 | 137.1 | 178.4 | 216.5 | 235.0 | 228.4 | 211.0 | 158.8 |
| 97.5° | 48.9 | 51.1 | 65.3 | 87.0 | 114.2 | 145.8 | 174.0 | 182.7 | 179.5 | 167.5 | 126.2 |
| 100° | 40.2 | 41.3 | 53.3 | 74.0 | 95.7 | 120.7 | 139.2 | 144.7 | 138.1 | 130.5 | 99.0 |
| 102.5° | 33.7 | 34.8 | 45.7 | 62.0 | 81.6 | 99.0 | 113.1 | 115.3 | 109.9 | 101.2 | 79.4 |
| 105° | 28.3 | 29.4 | 38.1 | 53.3 | 68.5 | 83.8 | 92.5 | 91.4 | 85.9 | 79.4 | 64.2 |
| 107.5° | 25.0 | 25.0 | 32.6 | 45.7 | 59.8 | 69.6 | 76.1 | 74.0 | 68.5 | 62.0 | 52.2 |
| 110° | 21.8 | 21.8 | 27.2 | 39.2 | 51.1 | 59.8 | 63.1 | 59.8 | 54.4 | 50.0 | 42.4 |

REPORT NUMBER: P694768
 CATALOG NUMBER: LXF.LXT-PA16-30-727-U-SL3-FL

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 19.6 | 19.6 | 23.9 | 33.7 | 43.5 | 51.1 | 52.2 | 47.9 | 44.6 | 41.3 | 34.8 |
| 115° | 17.4 | 18.5 | 20.7 | 28.3 | 37.0 | 43.5 | 43.5 | 40.2 | 37.0 | 33.7 | 30.5 |
| 117.5° | 16.3 | 16.3 | 18.5 | 25.0 | 32.6 | 37.0 | 37.0 | 33.7 | 30.5 | 28.3 | 26.1 |
| 120° | 15.2 | 15.2 | 17.4 | 21.8 | 28.3 | 31.5 | 31.5 | 28.3 | 26.1 | 23.9 | 22.8 |
| 122.5° | 14.1 | 14.1 | 15.2 | 18.5 | 23.9 | 27.2 | 27.2 | 23.9 | 21.8 | 20.7 | 19.6 |
| 125° | 13.1 | 13.1 | 14.1 | 16.3 | 20.7 | 22.8 | 22.8 | 19.6 | 18.5 | 17.4 | 17.4 |
| 127.5° | 12.0 | 12.0 | 13.1 | 14.1 | 17.4 | 19.6 | 18.5 | 16.3 | 15.2 | 15.2 | 15.2 |
| 130° | 10.9 | 10.9 | 12.0 | 13.1 | 15.2 | 16.3 | 15.2 | 14.1 | 13.1 | 13.1 | 13.1 |
| 132.5° | 10.9 | 10.9 | 10.9 | 10.9 | 12.0 | 13.1 | 13.1 | 12.0 | 10.9 | 12.0 | 12.0 |
| 135° | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 10.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 137.5° | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 7.6 | 7.6 | 7.6 | 8.7 | 8.7 |
| 140° | 7.6 | 7.6 | 7.6 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 7.6 |
| 142.5° | 6.5 | 6.5 | 6.5 | 5.4 | 5.4 | 4.4 | 4.4 | 4.4 | 5.4 | 5.4 | 6.5 |
| 145° | 5.4 | 5.4 | 5.4 | 4.4 | 3.3 | 3.3 | 3.3 | 3.3 | 4.4 | 4.4 | 4.4 |
| 147.5° | 4.4 | 4.4 | 4.4 | 3.3 | 2.2 | 2.2 | 2.2 | 2.2 | 3.3 | 3.3 | 3.3 |
| 150° | 3.3 | 3.3 | 3.3 | 2.2 | 2.2 | 1.1 | 1.1 | 2.2 | 2.2 | 2.2 | 2.2 |
| 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 |

REPORT NUMBER: P694768

CATALOG NUMBER: LXF.LXT-PA16-30-727-U-SL3-FL

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 |
| 2.5° | 104.4 | 103.3 | 102.2 | 100.1 | 99.0 | 99.0 | 99.0 | 97.9 | 97.9 | 96.8 | 96.8 |
| 5° | 107.7 | 106.6 | 102.2 | 99.0 | 96.8 | 94.6 | 92.5 | 91.4 | 90.3 | 89.2 | 89.2 |
| 7.5° | 114.2 | 112.0 | 106.6 | 101.2 | 96.8 | 92.5 | 89.2 | 87.0 | 85.9 | 84.8 | 84.8 |
| 10° | 124.0 | 120.7 | 112.0 | 104.4 | 97.9 | 92.5 | 88.1 | 85.9 | 83.8 | 82.7 | 82.7 |
| 12.5° | 138.1 | 133.8 | 121.8 | 111.0 | 102.2 | 94.6 | 90.3 | 87.0 | 84.8 | 83.8 | 83.8 |
| 15° | 157.7 | 150.1 | 134.9 | 120.7 | 108.8 | 99.0 | 93.5 | 91.4 | 90.3 | 90.3 | 90.3 |
| 17.5° | 178.4 | 167.5 | 150.1 | 131.6 | 117.5 | 106.6 | 101.2 | 99.0 | 97.9 | 97.9 | 97.9 |
| 20° | 201.2 | 189.3 | 165.3 | 143.6 | 126.2 | 116.4 | 109.9 | 107.7 | 106.6 | 106.6 | 106.6 |
| 22.5° | 226.3 | 213.2 | 181.7 | 154.5 | 137.1 | 126.2 | 119.7 | 116.4 | 117.5 | 117.5 | 117.5 |
| 25° | 254.5 | 236.0 | 199.1 | 167.5 | 146.8 | 136.0 | 129.4 | 126.2 | 128.4 | 129.4 | 129.4 |
| 27.5° | 286.1 | 261.1 | 215.4 | 179.5 | 157.7 | 144.7 | 139.2 | 137.1 | 140.3 | 141.4 | 142.5 |
| 30° | 316.5 | 288.3 | 231.7 | 192.5 | 166.4 | 153.4 | 147.9 | 149.0 | 151.2 | 153.4 | 155.5 |
| 32.5° | 350.3 | 313.3 | 249.1 | 203.4 | 175.1 | 159.9 | 156.6 | 159.9 | 164.3 | 166.4 | 167.5 |
| 35° | 382.9 | 339.4 | 262.1 | 213.2 | 181.7 | 166.4 | 164.3 | 169.7 | 175.1 | 179.5 | 179.5 |
| 37.5° | 415.5 | 363.3 | 276.3 | 220.8 | 187.1 | 170.8 | 170.8 | 178.4 | 184.9 | 190.4 | 190.4 |
| 40° | 449.2 | 389.4 | 288.3 | 227.3 | 191.4 | 175.1 | 176.2 | 186.0 | 194.7 | 198.0 | 199.1 |
| 42.5° | 484.1 | 411.2 | 298.0 | 231.7 | 193.6 | 178.4 | 180.6 | 192.5 | 201.2 | 204.5 | 205.6 |
| 45° | 517.8 | 434.0 | 305.7 | 233.9 | 195.8 | 179.5 | 182.7 | 196.9 | 205.6 | 208.8 | 208.8 |
| 47.5° | 549.3 | 453.6 | 311.1 | 235.0 | 195.8 | 179.5 | 184.9 | 199.1 | 208.8 | 209.9 | 209.9 |
| 50° | 583.0 | 473.2 | 315.5 | 235.0 | 194.7 | 179.5 | 184.9 | 200.1 | 208.8 | 208.8 | 208.8 |
| 52.5° | 615.7 | 490.6 | 317.6 | 232.8 | 192.5 | 178.4 | 183.8 | 199.1 | 207.8 | 205.6 | 205.6 |
| 55° | 646.1 | 504.7 | 316.5 | 229.5 | 189.3 | 175.1 | 181.7 | 196.9 | 204.5 | 201.2 | 201.2 |
| 57.5° | 671.1 | 516.7 | 314.4 | 225.2 | 186.0 | 171.9 | 178.4 | 193.6 | 200.1 | 195.8 | 194.7 |
| 60° | 692.9 | 524.3 | 310.0 | 219.7 | 180.6 | 167.5 | 175.1 | 189.3 | 194.7 | 189.3 | 188.2 |
| 62.5° | 704.9 | 527.6 | 303.5 | 212.1 | 176.2 | 163.2 | 169.7 | 183.8 | 188.2 | 181.7 | 181.7 |
| 65° | 709.2 | 523.2 | 293.7 | 204.5 | 169.7 | 158.8 | 164.3 | 177.3 | 180.6 | 175.1 | 174.0 |
| 67.5° | 698.3 | 511.2 | 281.7 | 196.9 | 163.2 | 152.3 | 157.7 | 169.7 | 173.0 | 167.5 | 166.4 |
| 70° | 675.5 | 488.4 | 266.5 | 186.0 | 155.5 | 145.8 | 150.1 | 159.9 | 164.3 | 159.9 | 158.8 |
| 72.5° | 633.1 | 460.1 | 249.1 | 175.1 | 146.8 | 138.1 | 142.5 | 151.2 | 155.5 | 151.2 | 150.1 |
| 75° | 583.0 | 423.1 | 229.5 | 163.2 | 138.1 | 130.5 | 133.8 | 140.3 | 144.7 | 142.5 | 140.3 |
| 77.5° | 516.7 | 378.5 | 208.8 | 151.2 | 129.4 | 121.8 | 124.0 | 130.5 | 133.8 | 131.6 | 131.6 |
| 80° | 447.1 | 329.6 | 188.2 | 138.1 | 120.7 | 114.2 | 114.2 | 119.7 | 122.9 | 121.8 | 119.7 |
| 82.5° | 379.6 | 281.7 | 166.4 | 125.1 | 109.9 | 104.4 | 105.5 | 107.7 | 112.0 | 109.9 | 108.8 |
| 85° | 312.2 | 239.3 | 145.8 | 113.1 | 100.1 | 95.7 | 95.7 | 96.8 | 100.1 | 99.0 | 97.9 |
| 87.5° | 255.6 | 196.9 | 127.3 | 100.1 | 90.3 | 87.0 | 84.8 | 87.0 | 87.0 | 87.0 | 84.8 |
| 90° | 207.8 | 163.2 | 109.9 | 89.2 | 82.7 | 78.3 | 76.1 | 76.1 | 76.1 | 75.1 | 74.0 |
| 92.5° | 165.3 | 134.9 | 95.7 | 79.4 | 74.0 | 70.7 | 68.5 | 67.4 | 66.4 | 64.2 | 64.2 |
| 95° | 136.0 | 111.0 | 82.7 | 69.6 | 66.4 | 63.1 | 60.9 | 59.8 | 57.7 | 55.5 | 54.4 |
| 97.5° | 107.7 | 92.5 | 70.7 | 62.0 | 58.7 | 56.6 | 54.4 | 52.2 | 48.9 | 46.8 | 45.7 |
| 100° | 85.9 | 75.1 | 60.9 | 54.4 | 52.2 | 50.0 | 47.9 | 45.7 | 42.4 | 39.2 | 38.1 |
| 102.5° | 70.7 | 63.1 | 52.2 | 48.9 | 46.8 | 44.6 | 43.5 | 40.2 | 35.9 | 32.6 | 32.6 |
| 105° | 57.7 | 52.2 | 45.7 | 42.4 | 41.3 | 40.2 | 38.1 | 34.8 | 30.5 | 27.2 | 27.2 |
| 107.5° | 47.9 | 44.6 | 39.2 | 38.1 | 37.0 | 35.9 | 33.7 | 30.5 | 26.1 | 22.8 | 22.8 |
| 110° | 40.2 | 37.0 | 33.7 | 32.6 | 32.6 | 31.5 | 30.5 | 26.1 | 22.8 | 19.6 | 19.6 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 33.7 | 31.5 | 30.5 | 29.4 | 29.4 | 28.3 | 27.2 | 22.8 | 19.6 | 17.4 | 17.4 |
| 115° | 28.3 | 27.2 | 26.1 | 26.1 | 26.1 | 25.0 | 23.9 | 20.7 | 16.3 | 15.2 | 15.2 |
| 117.5° | 25.0 | 23.9 | 22.8 | 22.8 | 22.8 | 22.8 | 20.7 | 17.4 | 14.1 | 13.1 | 13.1 |
| 120° | 21.8 | 21.8 | 20.7 | 20.7 | 20.7 | 19.6 | 18.5 | 15.2 | 12.0 | 12.0 | 12.0 |
| 122.5° | 19.6 | 18.5 | 18.5 | 18.5 | 18.5 | 17.4 | 15.2 | 13.1 | 10.9 | 10.9 | 10.9 |
| 125° | 17.4 | 16.3 | 16.3 | 16.3 | 16.3 | 15.2 | 13.1 | 10.9 | 9.8 | 9.8 | 9.8 |
| 127.5° | 15.2 | 15.2 | 14.1 | 14.1 | 14.1 | 13.1 | 12.0 | 9.8 | 8.7 | 8.7 | 8.7 |
| 130° | 13.1 | 13.1 | 13.1 | 13.1 | 12.0 | 10.9 | 9.8 | 8.7 | 7.6 | 7.6 | 7.6 |
| 132.5° | 12.0 | 12.0 | 10.9 | 10.9 | 10.9 | 9.8 | 8.7 | 7.6 | 6.5 | 7.6 | 7.6 |
| 135° | 9.8 | 9.8 | 9.8 | 9.8 | 8.7 | 7.6 | 7.6 | 6.5 | 6.5 | 6.5 | 6.5 |
| 137.5° | 8.7 | 8.7 | 8.7 | 7.6 | 7.6 | 6.5 | 6.5 | 5.4 | 5.4 | 5.4 | 6.5 |
| 140° | 7.6 | 7.6 | 6.5 | 6.5 | 5.4 | 5.4 | 5.4 | 4.4 | 5.4 | 5.4 | 5.4 |
| 142.5° | 6.5 | 6.5 | 5.4 | 5.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 145° | 4.4 | 4.4 | 4.4 | 4.4 | 3.3 | 3.3 | 3.3 | 3.3 | 4.4 | 4.4 | 4.4 |
| 147.5° | 3.3 | 3.3 | 3.3 | 3.3 | 2.2 | 2.2 | 2.2 | 3.3 | 3.3 | 3.3 | 3.3 |
| 150° | 2.2 | 2.2 | 2.2 | 2.2 | 1.1 | 1.1 | 2.2 | 2.2 | 3.3 | 3.3 | 3.3 |
| 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)