

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: P695216

Luminaire Tested: **LXF.LXT-PA16-40-827-U-SL3-A**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695216
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-27)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-40-827-U-SL3-A
Description: DECORATIVE POST TOP LUMINAIRE
(1) 80 CRI, 2700K, 740mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL
LIGHT ELIMINATOR OPTICS AND REFRACTOR PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3260 lumens
Efficiency: N/A
Efficacy: 81.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type III - Medium
BUG Rating: B1 - U3 - G2

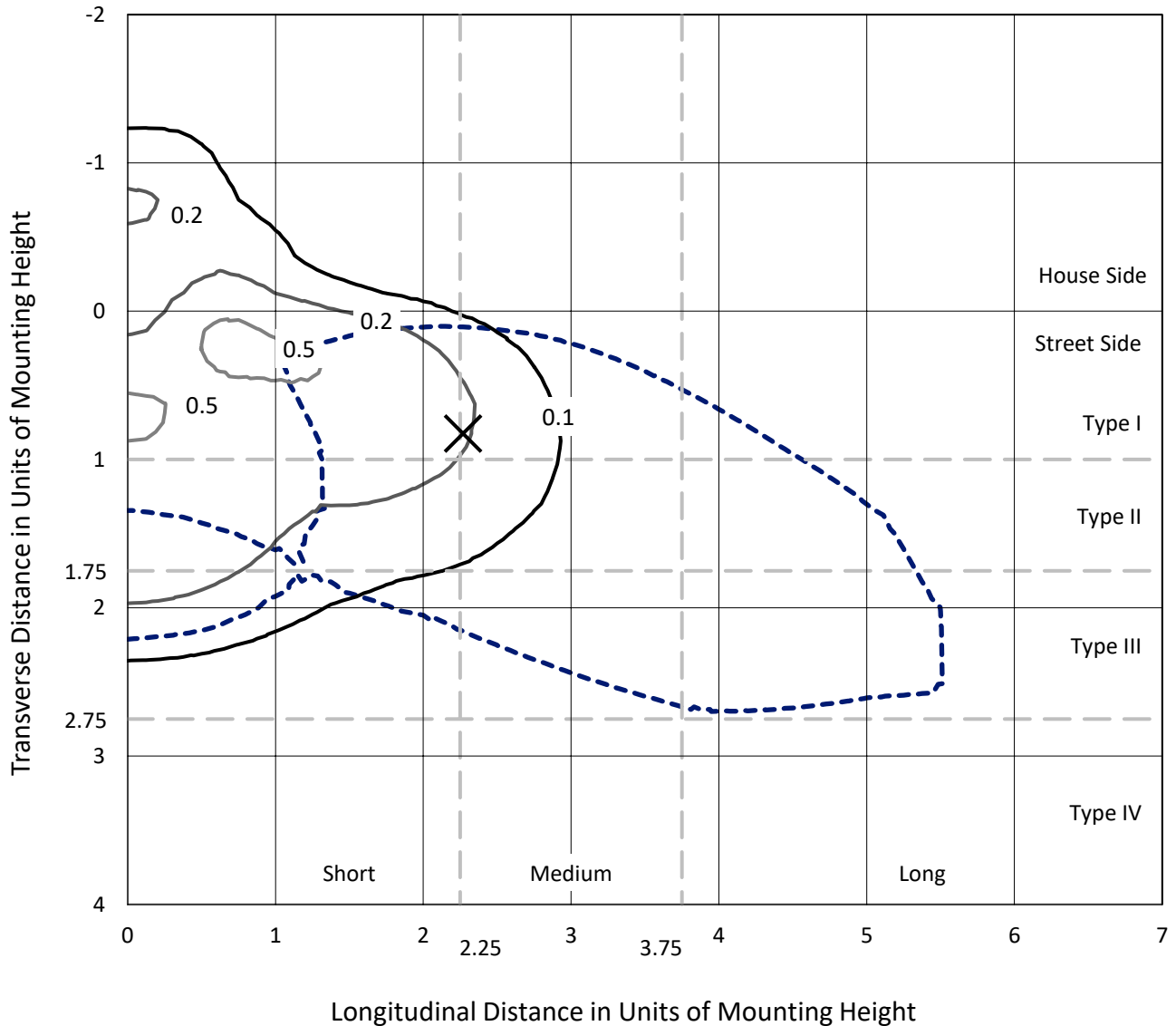
Input Watts (W): 40.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

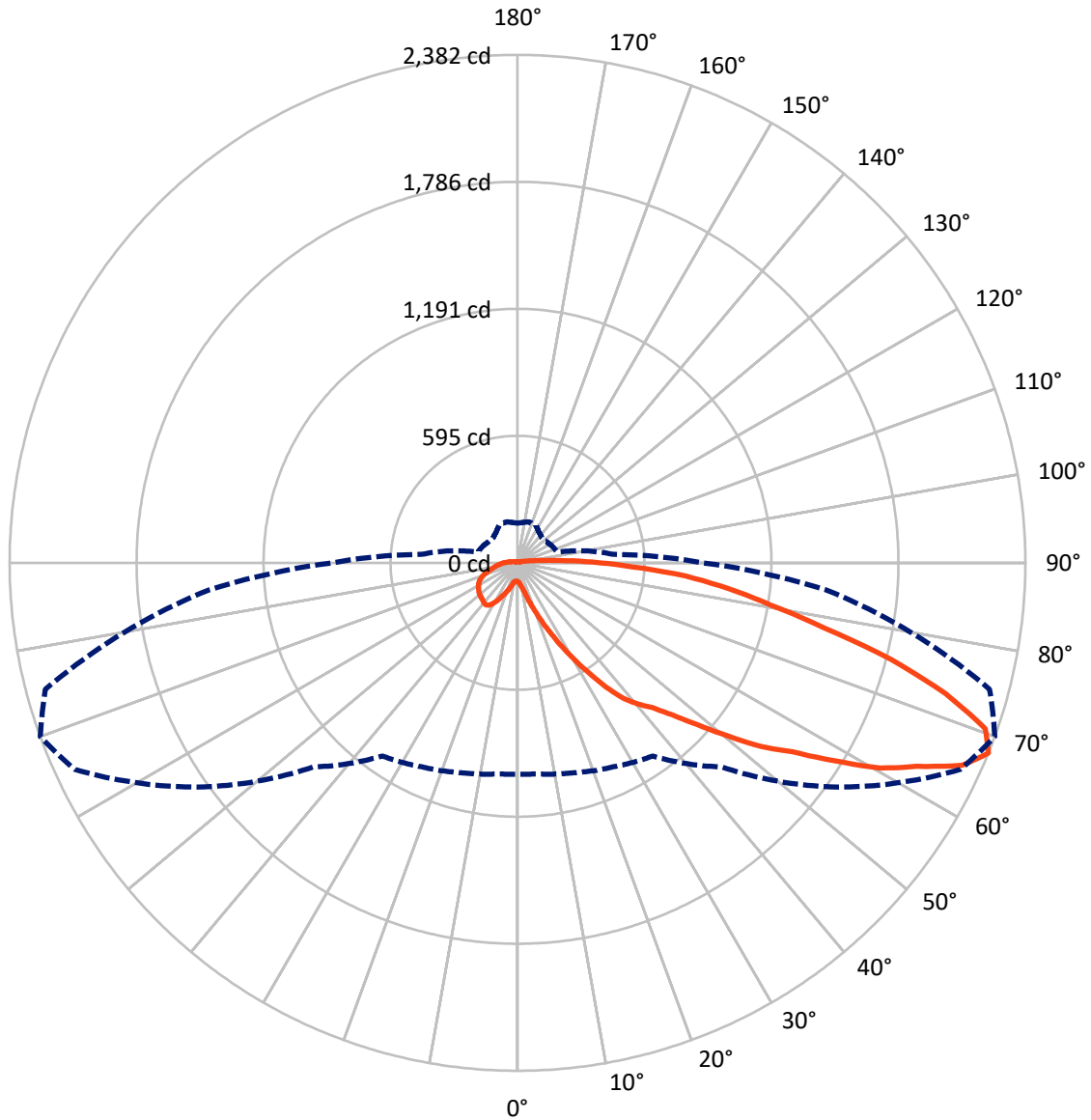
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.6 fc
 Type III - 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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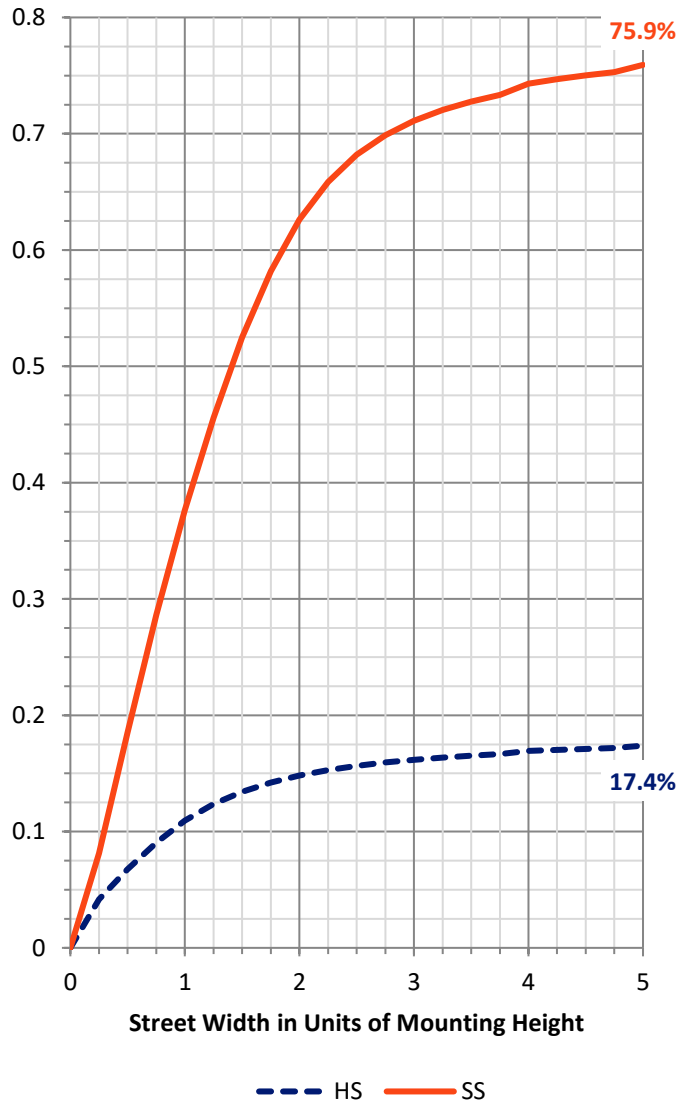
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 595.5 | 53.2 | 648.7 |
| | % Fixture | 18.3 | 1.6 | 19.9 |
| Street Side | Lumens | 2543.4 | 68.0 | 2611.3 |
| | % Fixture | 78.0 | 2.1 | 80.1 |
| Total | Lumens | 3138.8 | 121.2 | 3260.0 |
| | % Fixture | 96.3 | 3.7 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 9.1 | 0.3 |
| 10°-20° | 39.7 | 1.2 |
| 20°-30° | 117.5 | 3.6 |
| 30°-40° | 257.0 | 7.9 |
| 40°-50° | 404.5 | 12.4 |
| 50°-60° | 625.4 | 19.2 |
| 60°-70° | 835.9 | 25.6 |
| 70°-80° | 591.5 | 18.1 |
| 80°-90° | 258.3 | 7.9 |
| 90°-100° | 72.7 | 2.2 |
| 100°-110° | 23.3 | 0.7 |
| 110°-120° | 11.4 | 0.3 |
| 120°-130° | 7.0 | 0.2 |
| 130°-140° | 4.5 | 0.1 |
| 140°-150° | 2.2 | 0.1 |
| 150°-160° | 0.2 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 3138.8 | 96.3 |
| 0°-180° | 3260.0 | 100.0 |

Coefficient of Utilization

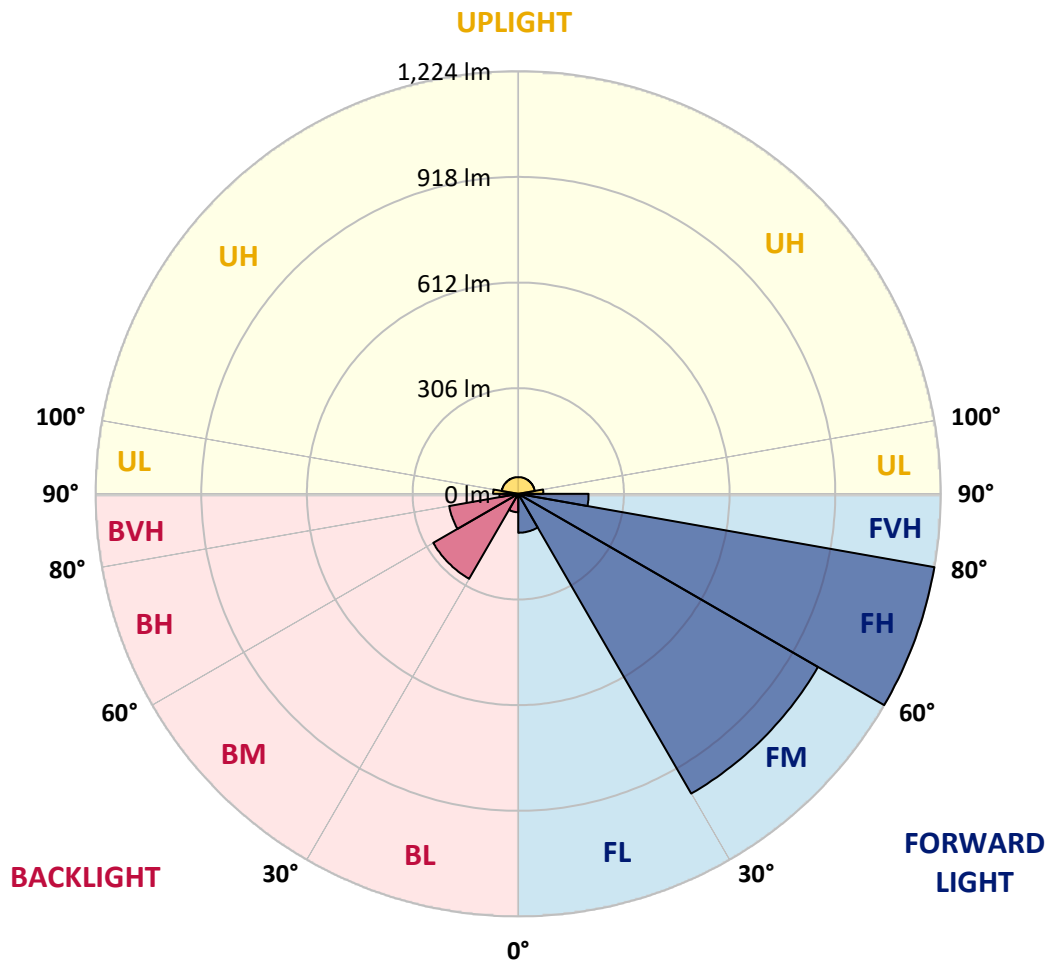


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 112.8 | 3.5 | | | |
| FM (30°-60°) | 1002.5 | 30.8 | | | |
| FH (60°-80°) | 1224.3 | 37.6 | | | G1/1800 |
| FVH (80°-90°) | 203.7 | 6.2 | | | G2/225 |
| BL (0°-30°) | 53.5 | 1.6 | B0/110 | | |
| BM (30°-60°) | 284.3 | 8.7 | B1/1000 | | |
| BH (60°-80°) | 203.1 | 6.2 | B1/500 | | G1/500 |
| BVH (80°-90°) | 54.6 | 1.7 | | | G1/100 |
| UL (90°-100°) | 72.7 | 2.2 | | U3/500 | |
| UH (100°-180°) | 48.5 | 1.5 | | U2/50 | |

BUG Rating: B1-U3-G2
 Type III Medium



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 2.5° | 93.6 | 93.6 | 94.9 | 93.6 | 93.6 | 93.6 | 92.4 | 91.2 | 89.9 | 89.9 | 88.7 |
| 5° | 103.5 | 103.5 | 103.5 | 103.5 | 102.3 | 101.0 | 99.8 | 97.3 | 96.1 | 94.9 | 92.4 |
| 7.5° | 115.8 | 115.8 | 115.8 | 115.8 | 114.6 | 113.4 | 109.7 | 106.0 | 104.7 | 103.5 | 98.6 |
| 10° | 134.3 | 134.3 | 134.3 | 131.8 | 130.6 | 128.1 | 124.4 | 120.7 | 118.3 | 115.8 | 108.4 |
| 12.5° | 158.9 | 157.7 | 157.7 | 155.2 | 150.3 | 145.4 | 144.2 | 140.5 | 138.0 | 135.5 | 126.9 |
| 15° | 189.7 | 189.7 | 189.7 | 183.6 | 178.7 | 173.7 | 172.5 | 168.8 | 168.8 | 165.1 | 154.0 |
| 17.5° | 224.2 | 224.2 | 219.3 | 213.1 | 209.5 | 207.0 | 208.2 | 207.0 | 205.8 | 200.8 | 186.0 |
| 20° | 262.4 | 261.2 | 255.0 | 246.4 | 241.5 | 244.0 | 247.6 | 251.3 | 250.1 | 244.0 | 223.0 |
| 22.5° | 311.7 | 309.3 | 298.2 | 285.8 | 274.8 | 278.4 | 290.8 | 303.1 | 306.8 | 296.9 | 271.1 |
| 25° | 364.7 | 364.7 | 348.7 | 330.2 | 316.6 | 315.4 | 332.7 | 367.2 | 369.6 | 368.4 | 331.4 |
| 27.5° | 434.9 | 431.2 | 409.0 | 381.9 | 356.1 | 357.3 | 384.4 | 430.0 | 444.8 | 443.5 | 394.3 |
| 30° | 511.3 | 510.1 | 484.2 | 444.8 | 400.4 | 394.3 | 438.6 | 507.6 | 526.1 | 533.5 | 467.0 |
| 32.5° | 570.5 | 576.6 | 544.6 | 506.4 | 448.5 | 432.5 | 487.9 | 580.3 | 617.3 | 619.7 | 534.7 |
| 35° | 637.0 | 637.0 | 606.2 | 558.1 | 490.4 | 469.4 | 538.4 | 659.2 | 715.8 | 720.8 | 603.7 |
| 37.5° | 664.1 | 672.7 | 649.3 | 603.7 | 529.8 | 501.5 | 590.2 | 747.9 | 805.8 | 823.0 | 654.2 |
| 40° | 699.8 | 707.2 | 681.3 | 632.1 | 561.8 | 534.7 | 634.5 | 814.4 | 871.1 | 879.7 | 670.2 |
| 42.5° | 768.8 | 775.0 | 736.8 | 667.8 | 588.9 | 563.1 | 666.6 | 858.8 | 927.8 | 941.3 | 697.4 |
| 45° | 839.0 | 845.2 | 810.7 | 729.4 | 623.4 | 590.2 | 697.4 | 931.4 | 1015.2 | 1027.6 | 738.0 |
| 47.5° | 933.9 | 936.4 | 890.8 | 798.4 | 675.2 | 622.2 | 744.2 | 1028.8 | 1133.5 | 1148.3 | 793.5 |
| 50° | 1037.4 | 1041.1 | 982.0 | 878.5 | 734.3 | 676.4 | 810.7 | 1139.7 | 1274.0 | 1297.4 | 873.5 |
| 52.5° | 1140.9 | 1129.8 | 1076.8 | 969.6 | 813.2 | 741.7 | 888.3 | 1281.4 | 1430.4 | 1444.0 | 947.5 |
| 55° | 1257.9 | 1240.7 | 1174.2 | 1051.0 | 900.6 | 825.5 | 1009.1 | 1418.1 | 1563.5 | 1573.4 | 1028.8 |
| 57.5° | 1379.9 | 1363.9 | 1278.9 | 1140.9 | 989.4 | 945.0 | 1142.1 | 1568.4 | 1749.5 | 1775.4 | 1153.2 |
| 60° | 1400.9 | 1392.2 | 1330.6 | 1224.7 | 1087.9 | 1074.4 | 1304.8 | 1766.8 | 1954.1 | 1955.3 | 1257.9 |
| 62.5° | 1375.0 | 1371.3 | 1314.6 | 1241.9 | 1163.1 | 1208.7 | 1521.6 | 1955.3 | 2101.9 | 2088.4 | 1351.6 |
| 65° | 1250.6 | 1237.0 | 1237.0 | 1201.3 | 1182.8 | 1330.6 | 1712.6 | 2134.0 | 2290.4 | 2248.5 | 1440.3 |
| 67.5° | 991.8 | 993.1 | 1018.9 | 1055.9 | 1105.2 | 1352.8 | 1833.3 | 2291.7 | 2381.6 | 2291.7 | 1450.2 |
| 70° | 698.6 | 717.1 | 772.5 | 855.1 | 952.4 | 1253.0 | 1839.5 | 2273.2 | 2326.2 | 2237.4 | 1386.1 |
| 72.5° | 511.3 | 496.5 | 539.6 | 614.8 | 761.4 | 1078.1 | 1681.8 | 2097.0 | 2099.5 | 1968.9 | 1200.0 |
| 75° | 346.2 | 347.4 | 378.2 | 443.5 | 553.2 | 877.2 | 1461.2 | 1816.1 | 1808.7 | 1658.4 | 1000.4 |
| 77.5° | 230.4 | 232.9 | 261.2 | 312.9 | 416.4 | 703.5 | 1222.2 | 1501.9 | 1468.6 | 1366.4 | 802.1 |
| 80° | 157.7 | 163.9 | 179.9 | 216.8 | 303.1 | 556.9 | 1002.9 | 1232.1 | 1205.0 | 1106.4 | 646.8 |
| 82.5° | 113.4 | 114.6 | 130.6 | 158.9 | 216.8 | 426.3 | 816.9 | 1033.7 | 996.7 | 890.8 | 516.2 |
| 85° | 86.2 | 86.2 | 97.3 | 117.0 | 156.5 | 325.3 | 651.8 | 823.0 | 789.8 | 688.7 | 385.6 |
| 87.5° | 62.8 | 64.1 | 71.5 | 88.7 | 115.8 | 246.4 | 500.2 | 591.4 | 538.4 | 475.6 | 264.9 |
| 90° | 40.7 | 43.1 | 48.1 | 64.1 | 86.2 | 175.0 | 348.7 | 386.9 | 351.1 | 294.5 | 171.3 |
| 92.5° | 25.9 | 25.9 | 30.8 | 43.1 | 62.8 | 119.5 | 219.3 | 229.2 | 198.4 | 179.9 | 104.7 |
| 95° | 17.2 | 18.5 | 22.2 | 29.6 | 44.4 | 81.3 | 131.8 | 133.1 | 117.0 | 98.6 | 66.5 |
| 97.5° | 14.8 | 14.8 | 17.2 | 22.2 | 33.3 | 55.4 | 77.6 | 75.2 | 67.8 | 60.4 | 46.8 |
| 100° | 12.3 | 12.3 | 14.8 | 18.5 | 27.1 | 40.7 | 49.3 | 48.1 | 44.4 | 43.1 | 37.0 |
| 102.5° | 11.1 | 11.1 | 12.3 | 16.0 | 22.2 | 32.0 | 35.7 | 33.3 | 32.0 | 32.0 | 28.3 |
| 105° | 9.9 | 9.9 | 11.1 | 13.6 | 18.5 | 25.9 | 27.1 | 24.6 | 24.6 | 23.4 | 22.2 |
| 107.5° | 8.6 | 8.6 | 9.9 | 11.1 | 16.0 | 20.9 | 20.9 | 18.5 | 18.5 | 18.5 | 18.5 |
| 110° | 8.6 | 8.6 | 8.6 | 9.9 | 13.6 | 17.2 | 17.2 | 14.8 | 14.8 | 13.6 | 14.8 |

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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85° |
|--------|-----|-----|-----|-----|------|------|------|------|------|------|------|
| 112.5° | 7.4 | 7.4 | 7.4 | 9.9 | 12.3 | 14.8 | 13.6 | 12.3 | 11.1 | 11.1 | 12.3 |
| 115° | 7.4 | 6.2 | 7.4 | 8.6 | 11.1 | 12.3 | 12.3 | 9.9 | 9.9 | 9.9 | 11.1 |
| 117.5° | 6.2 | 6.2 | 6.2 | 7.4 | 9.9 | 11.1 | 9.9 | 8.6 | 8.6 | 8.6 | 9.9 |
| 120° | 6.2 | 6.2 | 6.2 | 7.4 | 9.9 | 9.9 | 8.6 | 7.4 | 7.4 | 7.4 | 8.6 |
| 122.5° | 6.2 | 6.2 | 6.2 | 7.4 | 8.6 | 8.6 | 8.6 | 7.4 | 7.4 | 7.4 | 8.6 |
| 125° | 6.2 | 6.2 | 6.2 | 7.4 | 8.6 | 8.6 | 7.4 | 6.2 | 6.2 | 6.2 | 8.6 |
| 127.5° | 6.2 | 6.2 | 6.2 | 7.4 | 7.4 | 7.4 | 6.2 | 6.2 | 6.2 | 6.2 | 7.4 |
| 130° | 6.2 | 6.2 | 6.2 | 7.4 | 7.4 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 7.4 |
| 132.5° | 6.2 | 6.2 | 6.2 | 7.4 | 7.4 | 6.2 | 6.2 | 4.9 | 6.2 | 6.2 | 7.4 |
| 135° | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 4.9 | 4.9 | 4.9 | 4.9 | 6.2 | 6.2 |
| 137.5° | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 4.9 | 3.7 | 4.9 | 4.9 | 4.9 | 6.2 |
| 140° | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 3.7 | 3.7 | 3.7 | 3.7 | 4.9 | 4.9 |
| 142.5° | 4.9 | 4.9 | 4.9 | 4.9 | 3.7 | 3.7 | 2.5 | 3.7 | 3.7 | 3.7 | 4.9 |
| 145° | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 2.5 | 2.5 | 2.5 | 2.5 | 3.7 | 3.7 |
| 147.5° | 3.7 | 3.7 | 3.7 | 3.7 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 150° | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 1.2 | 1.2 | 2.5 | 2.5 | 2.5 |
| 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° | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 2.5° | 88.7 | 87.5 | 87.5 | 86.2 | 85.0 | 85.0 | 85.0 | 85.0 | 83.8 | 83.8 | 83.8 |
| 5° | 91.2 | 89.9 | 87.5 | 85.0 | 82.5 | 80.1 | 80.1 | 78.9 | 78.9 | 77.6 | 76.4 |
| 7.5° | 96.1 | 93.6 | 88.7 | 85.0 | 81.3 | 77.6 | 76.4 | 75.2 | 73.9 | 72.7 | 72.7 |
| 10° | 106.0 | 101.0 | 93.6 | 86.2 | 80.1 | 75.2 | 72.7 | 71.5 | 70.2 | 69.0 | 69.0 |
| 12.5° | 120.7 | 115.8 | 103.5 | 91.2 | 81.3 | 75.2 | 71.5 | 70.2 | 69.0 | 69.0 | 69.0 |
| 15° | 145.4 | 136.8 | 118.3 | 101.0 | 85.0 | 76.4 | 72.7 | 73.9 | 76.4 | 76.4 | 76.4 |
| 17.5° | 173.7 | 162.6 | 135.5 | 112.1 | 92.4 | 82.5 | 80.1 | 82.5 | 85.0 | 86.2 | 86.2 |
| 20° | 207.0 | 189.7 | 154.0 | 123.2 | 101.0 | 93.6 | 91.2 | 93.6 | 97.3 | 99.8 | 99.8 |
| 22.5° | 248.9 | 221.8 | 173.7 | 134.3 | 112.1 | 104.7 | 103.5 | 106.0 | 110.9 | 115.8 | 114.6 |
| 25° | 296.9 | 261.2 | 195.9 | 146.6 | 126.9 | 117.0 | 118.3 | 123.2 | 131.8 | 136.8 | 139.2 |
| 27.5° | 349.9 | 301.9 | 218.1 | 163.9 | 140.5 | 130.6 | 133.1 | 141.7 | 155.2 | 163.9 | 163.9 |
| 30° | 406.6 | 341.3 | 240.3 | 181.1 | 155.2 | 144.2 | 149.1 | 165.1 | 179.9 | 191.0 | 191.0 |
| 32.5° | 462.0 | 379.5 | 257.5 | 200.8 | 171.3 | 157.7 | 165.1 | 186.0 | 205.8 | 218.1 | 219.3 |
| 35° | 505.2 | 402.9 | 266.1 | 215.6 | 184.8 | 168.8 | 178.7 | 208.2 | 234.1 | 247.6 | 248.9 |
| 37.5° | 529.8 | 410.3 | 267.4 | 226.7 | 195.9 | 178.7 | 192.2 | 226.7 | 255.0 | 268.6 | 268.6 |
| 40° | 526.1 | 395.5 | 258.7 | 232.9 | 203.3 | 187.3 | 204.5 | 244.0 | 272.3 | 282.1 | 279.7 |
| 42.5° | 533.5 | 389.3 | 252.6 | 230.4 | 205.8 | 192.2 | 211.9 | 252.6 | 276.0 | 279.7 | 277.2 |
| 45° | 542.1 | 380.7 | 246.4 | 227.9 | 204.5 | 194.7 | 215.6 | 252.6 | 272.3 | 271.1 | 268.6 |
| 47.5° | 565.5 | 379.5 | 242.7 | 226.7 | 203.3 | 193.4 | 215.6 | 251.3 | 266.1 | 260.0 | 257.5 |
| 50° | 597.6 | 384.4 | 240.3 | 224.2 | 202.1 | 191.0 | 213.1 | 248.9 | 262.4 | 256.3 | 253.8 |
| 52.5° | 627.1 | 386.9 | 235.3 | 221.8 | 200.8 | 189.7 | 211.9 | 248.9 | 260.0 | 247.6 | 244.0 |
| 55° | 665.3 | 399.2 | 229.2 | 216.8 | 198.4 | 187.3 | 210.7 | 246.4 | 248.9 | 234.1 | 231.6 |
| 57.5° | 735.5 | 422.6 | 224.2 | 210.7 | 194.7 | 186.0 | 208.2 | 237.8 | 241.5 | 227.9 | 224.2 |
| 60° | 787.3 | 439.9 | 219.3 | 205.8 | 188.5 | 182.3 | 202.1 | 232.9 | 234.1 | 215.6 | 211.9 |
| 62.5° | 832.9 | 452.2 | 210.7 | 199.6 | 184.8 | 178.7 | 195.9 | 221.8 | 218.1 | 202.1 | 200.8 |
| 65° | 877.2 | 462.0 | 204.5 | 191.0 | 177.4 | 171.3 | 188.5 | 207.0 | 208.2 | 194.7 | 192.2 |
| 67.5° | 868.6 | 452.2 | 192.2 | 181.1 | 168.8 | 162.6 | 175.0 | 197.1 | 198.4 | 188.5 | 186.0 |
| 70° | 816.9 | 418.9 | 177.4 | 170.0 | 156.5 | 150.3 | 161.4 | 183.6 | 187.3 | 179.9 | 178.7 |
| 72.5° | 707.2 | 362.2 | 157.7 | 154.0 | 142.9 | 136.8 | 147.8 | 166.3 | 172.5 | 166.3 | 163.9 |
| 75° | 595.1 | 305.6 | 140.5 | 136.8 | 129.4 | 123.2 | 131.8 | 149.1 | 156.5 | 155.2 | 155.2 |
| 77.5° | 476.8 | 245.2 | 124.4 | 122.0 | 115.8 | 110.9 | 118.3 | 133.1 | 142.9 | 144.2 | 141.7 |
| 80° | 383.2 | 199.6 | 109.7 | 108.4 | 104.7 | 101.0 | 104.7 | 117.0 | 128.1 | 130.6 | 129.4 |
| 82.5° | 308.0 | 166.3 | 97.3 | 97.3 | 93.6 | 91.2 | 93.6 | 104.7 | 118.3 | 123.2 | 122.0 |
| 85° | 236.6 | 136.8 | 87.5 | 86.2 | 83.8 | 82.5 | 85.0 | 92.4 | 107.2 | 113.4 | 113.4 |
| 87.5° | 172.5 | 108.4 | 77.6 | 75.2 | 73.9 | 73.9 | 75.2 | 82.5 | 96.1 | 101.0 | 99.8 |
| 90° | 119.5 | 83.8 | 66.5 | 64.1 | 62.8 | 64.1 | 66.5 | 72.7 | 82.5 | 83.8 | 83.8 |
| 92.5° | 81.3 | 64.1 | 55.4 | 53.0 | 53.0 | 55.4 | 57.9 | 62.8 | 69.0 | 67.8 | 66.5 |
| 95° | 56.7 | 48.1 | 44.4 | 43.1 | 43.1 | 45.6 | 48.1 | 53.0 | 56.7 | 54.2 | 53.0 |
| 97.5° | 41.9 | 38.2 | 37.0 | 35.7 | 34.5 | 38.2 | 39.4 | 41.9 | 45.6 | 44.4 | 43.1 |
| 100° | 33.3 | 32.0 | 30.8 | 29.6 | 28.3 | 30.8 | 32.0 | 34.5 | 37.0 | 34.5 | 34.5 |
| 102.5° | 27.1 | 27.1 | 25.9 | 24.6 | 24.6 | 25.9 | 27.1 | 28.3 | 29.6 | 28.3 | 27.1 |
| 105° | 22.2 | 22.2 | 22.2 | 20.9 | 20.9 | 22.2 | 23.4 | 23.4 | 24.6 | 22.2 | 22.2 |
| 107.5° | 18.5 | 18.5 | 19.7 | 18.5 | 18.5 | 19.7 | 19.7 | 19.7 | 19.7 | 18.5 | 18.5 |
| 110° | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 17.2 | 17.2 | 17.2 | 17.2 | 16.0 | 14.8 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 13.6 | 13.6 | 13.6 | 13.6 | 13.6 | 14.8 | 14.8 | 14.8 | 14.8 | 13.6 | 13.6 |
| 115° | 11.1 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 13.6 | 12.3 | 12.3 | 12.3 | 12.3 |
| 117.5° | 9.9 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 |
| 120° | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 11.1 | 11.1 |
| 122.5° | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 9.9 | 9.9 | 9.9 |
| 125° | 8.6 | 8.6 | 8.6 | 8.6 | 7.4 | 7.4 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 |
| 127.5° | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 8.6 |
| 130° | 7.4 | 7.4 | 7.4 | 7.4 | 6.2 | 6.2 | 6.2 | 7.4 | 7.4 | 7.4 | 7.4 |
| 132.5° | 7.4 | 7.4 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 7.4 | 7.4 |
| 135° | 6.2 | 6.2 | 6.2 | 6.2 | 4.9 | 4.9 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 |
| 137.5° | 6.2 | 6.2 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 6.2 | 6.2 | 6.2 |
| 140° | 4.9 | 4.9 | 4.9 | 3.7 | 3.7 | 3.7 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| 142.5° | 4.9 | 3.7 | 3.7 | 3.7 | 2.5 | 2.5 | 3.7 | 4.9 | 4.9 | 4.9 | 4.9 |
| 145° | 3.7 | 3.7 | 3.7 | 2.5 | 2.5 | 2.5 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 |
| 147.5° | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 3.7 | 3.7 | 3.7 | 3.7 |
| 150° | 2.5 | 2.5 | 2.5 | 1.2 | 1.2 | 1.2 | 2.5 | 3.7 | 3.7 | 2.5 | 2.5 |
| 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)