

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: P695883

Luminaire Tested: **LXF.LXT-PA16-730-U-T2R-FL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695883
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-9)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-730-U-T2R-FL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 1340mA LIGHTSQUARE WITH 16 LEDS AND TYPE II ROADWAY
OPTICS AND FROSTED LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6252 lumens
Efficiency: N/A
Efficacy: 86.8 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type III - Short
BUG Rating: B2 - U3 - G3

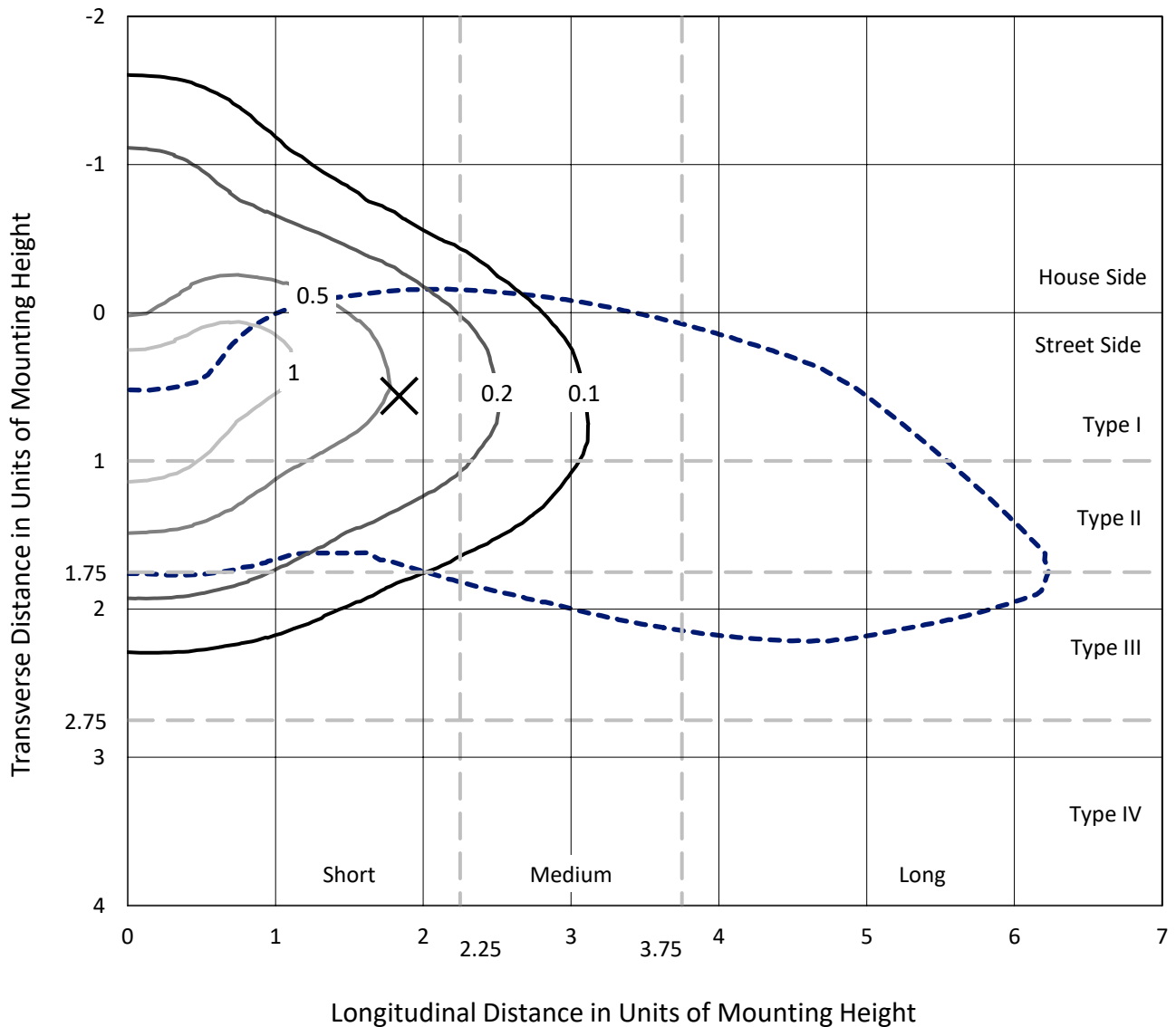
Input Watts (W): 72
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P695883
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Iso-Footcandle Lines of Horizontal Illumination

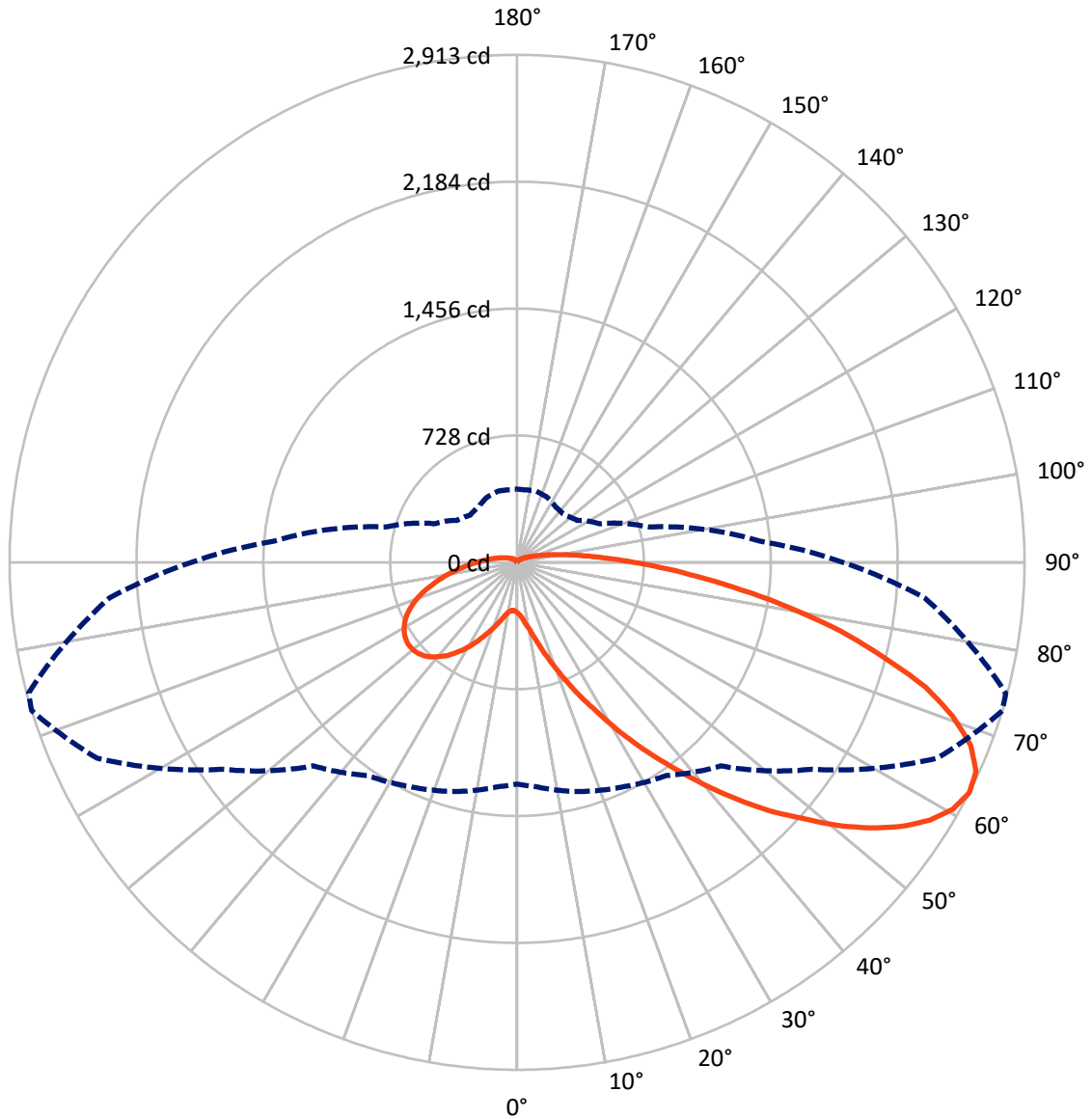
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 73-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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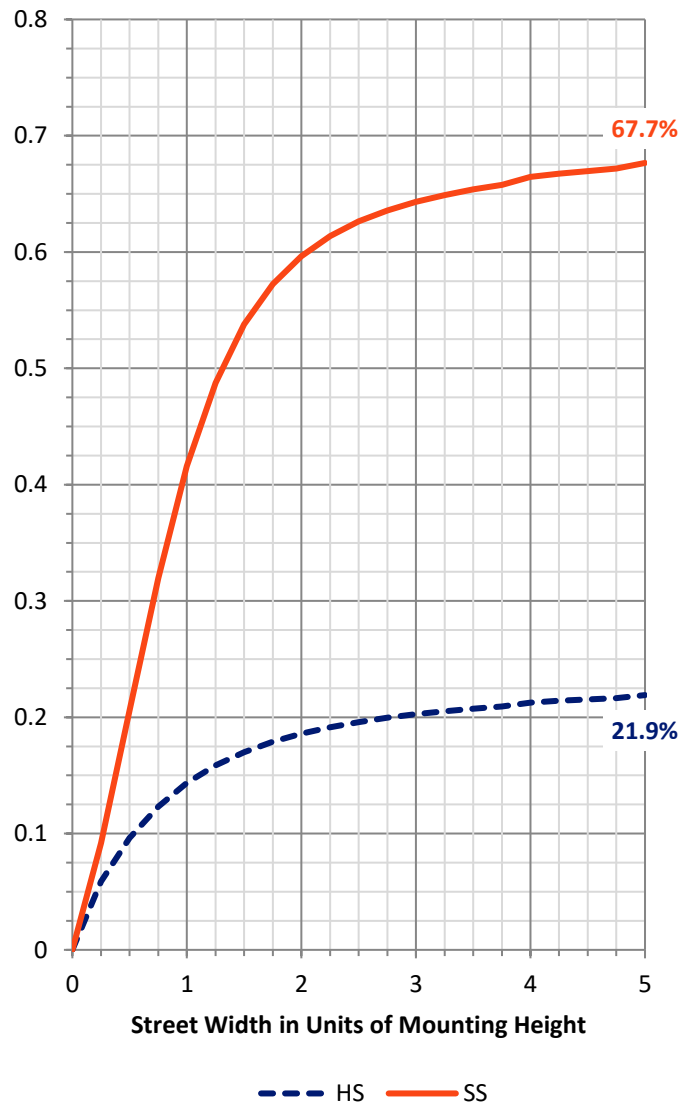
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1446.2 | 189.1 | 1635.3 |
| | % Fixture | 23.1 | 3.0 | 26.2 |
| Street Side | Lumens | 4352.5 | 264.2 | 4616.7 |
| | % Fixture | 69.6 | 4.2 | 73.8 |
| Total | Lumens | 5798.7 | 453.3 | 6252.0 |
| | % Fixture | 92.7 | 7.3 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 30.3 | 0.5 |
| 10°-20° | 127.4 | 2.0 |
| 20°-30° | 328.7 | 5.3 |
| 30°-40° | 643.7 | 10.3 |
| 40°-50° | 983.2 | 15.7 |
| 50°-60° | 1197.6 | 19.2 |
| 60°-70° | 1158.1 | 18.5 |
| 70°-80° | 855.4 | 13.7 |
| 80°-90° | 474.2 | 7.6 |
| 90°-100° | 225.2 | 3.6 |
| 100°-110° | 110.9 | 1.8 |
| 110°-120° | 59.6 | 1.0 |
| 120°-130° | 33.2 | 0.5 |
| 130°-140° | 17.3 | 0.3 |
| 140°-150° | 6.8 | 0.1 |
| 150°-160° | 0.4 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 5798.7 | 92.7 |
| 0°-180° | 6252.0 | 100.0 |

Coefficient of Utilization



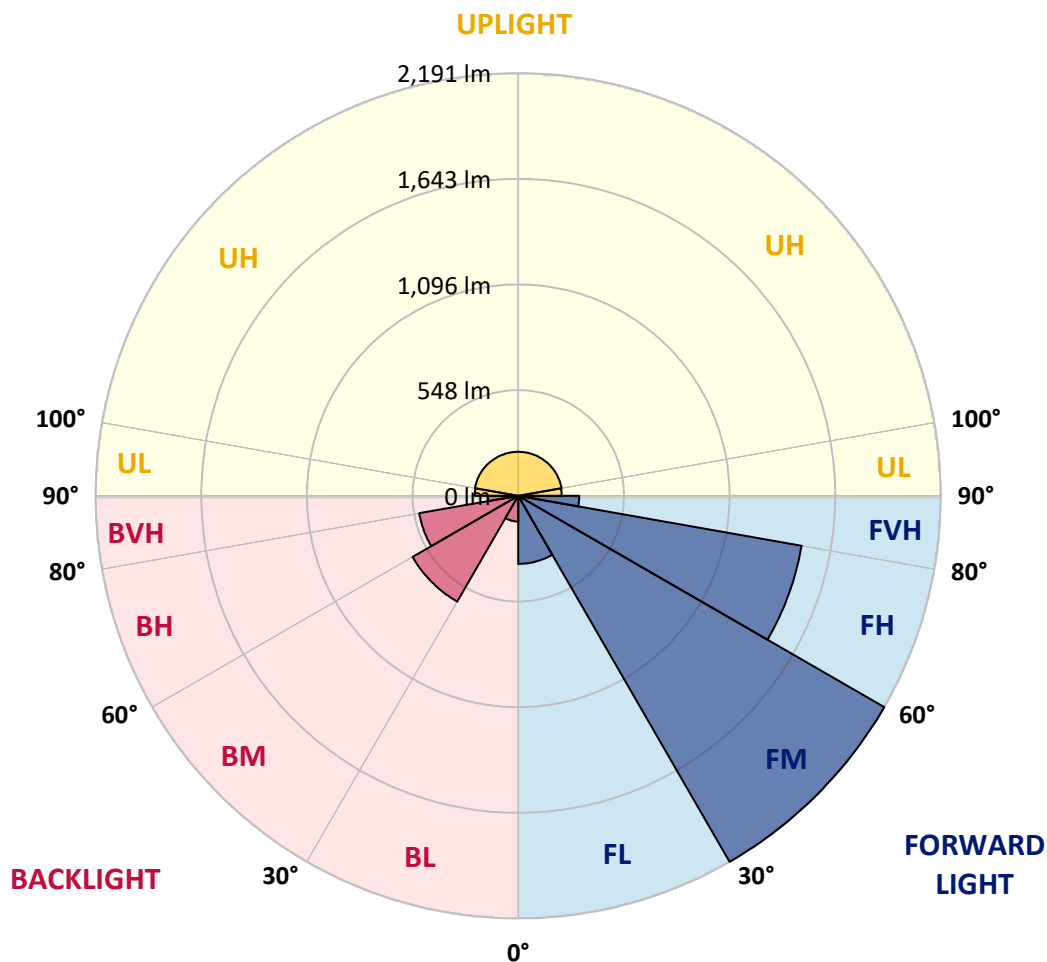
REPORT NUMBER: P695883
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 353.0 | 5.6 | | | |
| FM (30°-60°) | 2191.3 | 35.0 | | | |
| FH (60°-80°) | 1492.3 | 23.9 | | | G1/1800 |
| FVH (80°-90°) | 315.9 | 5.1 | | | G3/500 |
| BL (0°-30°) | 133.4 | 2.1 | B1/500 | | |
| BM (30°-60°) | 633.3 | 10.1 | B1/1000 | | |
| BH (60°-80°) | 521.2 | 8.3 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 158.3 | 2.5 | | | G2/225 |
| UL (90°-100°) | 225.2 | 3.6 | | U3/500 | |
| UH (100°-180°) | 228.1 | 3.6 | | U3/500 | |

BUG Rating: B2-U3-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 73° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 |
| 2.5° | 328.1 | 325.7 | 328.1 | 325.7 | 321.0 | 316.3 | 311.5 | 304.5 | 302.1 | 299.7 | 292.7 |
| 5° | 382.3 | 384.7 | 382.3 | 372.9 | 368.2 | 358.7 | 349.3 | 335.1 | 323.3 | 321.0 | 306.8 |
| 7.5° | 448.4 | 446.1 | 443.7 | 436.6 | 424.8 | 408.3 | 391.8 | 372.9 | 356.4 | 351.7 | 328.1 |
| 10° | 526.3 | 519.2 | 521.6 | 505.1 | 490.9 | 469.7 | 448.4 | 420.1 | 391.8 | 387.1 | 356.4 |
| 12.5° | 616.0 | 613.6 | 608.9 | 587.7 | 566.4 | 542.8 | 509.8 | 474.4 | 443.7 | 434.3 | 396.5 |
| 15° | 724.6 | 715.1 | 710.4 | 686.8 | 658.5 | 627.8 | 587.7 | 545.2 | 507.4 | 500.4 | 446.1 |
| 17.5° | 844.9 | 833.1 | 819.0 | 788.3 | 760.0 | 719.9 | 672.7 | 625.4 | 580.6 | 571.2 | 502.7 |
| 20° | 970.0 | 965.3 | 948.8 | 911.0 | 868.5 | 826.1 | 774.1 | 717.5 | 660.9 | 649.0 | 571.2 |
| 22.5° | 1121.1 | 1116.4 | 1088.0 | 1040.8 | 988.9 | 939.4 | 880.3 | 819.0 | 755.3 | 736.4 | 644.3 |
| 25° | 1286.3 | 1272.1 | 1239.1 | 1180.1 | 1121.1 | 1052.6 | 993.6 | 927.6 | 859.1 | 835.5 | 729.3 |
| 27.5° | 1453.9 | 1442.1 | 1397.2 | 1331.1 | 1250.9 | 1175.4 | 1109.3 | 1045.6 | 965.3 | 953.5 | 816.6 |
| 30° | 1619.1 | 1619.1 | 1560.1 | 1484.6 | 1378.3 | 1293.4 | 1229.7 | 1170.6 | 1097.5 | 1081.0 | 922.8 |
| 32.5° | 1784.3 | 1779.6 | 1730.0 | 1628.5 | 1510.5 | 1411.4 | 1350.0 | 1300.5 | 1234.4 | 1203.7 | 1038.5 |
| 35° | 1937.7 | 1935.3 | 1869.3 | 1760.7 | 1630.9 | 1527.0 | 1475.1 | 1442.1 | 1376.0 | 1350.0 | 1154.1 |
| 37.5° | 2079.3 | 2069.9 | 1996.7 | 1885.8 | 1727.7 | 1626.2 | 1595.5 | 1593.1 | 1527.0 | 1494.0 | 1276.9 |
| 40° | 2176.1 | 2169.0 | 2105.3 | 1980.2 | 1817.3 | 1718.2 | 1715.9 | 1741.8 | 1694.6 | 1659.2 | 1404.3 |
| 42.5° | 2235.1 | 2225.6 | 2173.7 | 2051.0 | 1888.1 | 1796.1 | 1824.4 | 1890.5 | 1864.5 | 1824.4 | 1534.1 |
| 45° | 2249.3 | 2242.2 | 2199.7 | 2086.4 | 1935.3 | 1859.8 | 1921.2 | 2039.2 | 2034.5 | 1996.7 | 1661.6 |
| 47.5° | 2213.8 | 2213.8 | 2185.5 | 2091.1 | 1954.2 | 1902.3 | 2015.6 | 2183.2 | 2192.6 | 2173.7 | 1796.1 |
| 50° | 2145.4 | 2140.7 | 2133.6 | 2058.1 | 1947.1 | 1925.9 | 2088.8 | 2329.5 | 2372.0 | 2343.7 | 1935.3 |
| 52.5° | 2029.8 | 2027.4 | 2034.5 | 1992.0 | 1911.7 | 1923.5 | 2140.7 | 2454.6 | 2532.5 | 2506.5 | 2053.4 |
| 55° | 1876.3 | 1871.6 | 1902.3 | 1890.5 | 1843.3 | 1895.2 | 2166.6 | 2556.1 | 2676.4 | 2652.8 | 2169.0 |
| 57.5° | 1692.2 | 1682.8 | 1741.8 | 1763.1 | 1748.9 | 1840.9 | 2166.6 | 2626.9 | 2792.1 | 2770.9 | 2258.7 |
| 60° | 1479.8 | 1486.9 | 1548.3 | 1607.3 | 1623.8 | 1758.3 | 2131.2 | 2662.3 | 2874.7 | 2860.5 | 2317.7 |
| 62.5° | 1272.1 | 1293.4 | 1361.8 | 1423.2 | 1494.0 | 1652.1 | 2069.9 | 2659.9 | 2912.5 | 2903.0 | 2348.4 |
| 65° | 1073.9 | 1097.5 | 1165.9 | 1250.9 | 1338.2 | 1527.0 | 1975.5 | 2603.3 | 2893.6 | 2888.9 | 2334.2 |
| 67.5° | 889.8 | 906.3 | 977.1 | 1076.2 | 1180.1 | 1387.8 | 1843.3 | 2497.1 | 2808.6 | 2811.0 | 2268.1 |
| 70° | 731.7 | 741.1 | 816.6 | 915.7 | 1022.0 | 1232.0 | 1685.2 | 2329.5 | 2652.8 | 2659.9 | 2143.0 |
| 72.5° | 601.8 | 618.4 | 675.0 | 767.1 | 880.3 | 1090.4 | 1517.6 | 2126.5 | 2452.2 | 2449.9 | 1975.5 |
| 75° | 490.9 | 500.4 | 559.4 | 642.0 | 741.1 | 939.4 | 1335.9 | 1883.4 | 2169.0 | 2187.9 | 1758.3 |
| 77.5° | 396.5 | 403.6 | 462.6 | 535.8 | 632.5 | 807.2 | 1149.4 | 1630.9 | 1897.6 | 1892.9 | 1529.4 |
| 80° | 321.0 | 330.4 | 380.0 | 446.1 | 533.4 | 686.8 | 972.4 | 1366.5 | 1590.8 | 1595.5 | 1272.1 |
| 82.5° | 257.3 | 266.7 | 311.5 | 370.5 | 455.5 | 575.9 | 816.6 | 1144.7 | 1295.7 | 1295.7 | 1050.3 |
| 85° | 205.3 | 214.8 | 257.3 | 309.2 | 377.6 | 488.6 | 670.3 | 915.7 | 1033.8 | 1040.8 | 849.7 |
| 87.5° | 167.6 | 172.3 | 210.1 | 259.6 | 318.6 | 410.7 | 552.3 | 724.6 | 819.0 | 809.5 | 667.9 |
| 90° | 134.5 | 139.3 | 172.3 | 214.8 | 269.1 | 344.6 | 450.8 | 585.3 | 634.9 | 632.5 | 521.6 |
| 92.5° | 110.9 | 113.3 | 144.0 | 184.1 | 228.9 | 290.3 | 370.5 | 455.5 | 493.3 | 490.9 | 413.0 |
| 95° | 92.0 | 94.4 | 122.7 | 155.8 | 195.9 | 245.5 | 302.1 | 365.8 | 389.4 | 384.7 | 323.3 |
| 97.5° | 77.9 | 77.9 | 103.8 | 134.5 | 169.9 | 207.7 | 252.5 | 292.7 | 304.5 | 302.1 | 259.6 |
| 100° | 66.1 | 66.1 | 87.3 | 118.0 | 148.7 | 179.4 | 210.1 | 233.7 | 238.4 | 240.7 | 205.3 |
| 102.5° | 56.6 | 59.0 | 77.9 | 103.8 | 127.4 | 153.4 | 174.7 | 191.2 | 191.2 | 188.8 | 162.9 |
| 105° | 51.9 | 51.9 | 66.1 | 89.7 | 113.3 | 132.2 | 148.7 | 158.1 | 153.4 | 148.7 | 129.8 |
| 107.5° | 44.8 | 44.8 | 59.0 | 80.2 | 99.1 | 115.6 | 127.4 | 129.8 | 122.7 | 120.4 | 108.6 |
| 110° | 40.1 | 42.5 | 51.9 | 70.8 | 89.7 | 101.5 | 108.6 | 108.6 | 101.5 | 99.1 | 89.7 |

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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 73° | 75° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 37.8 | 37.8 | 47.2 | 63.7 | 77.9 | 89.7 | 94.4 | 92.0 | 85.0 | 82.6 | 75.5 |
| 115° | 35.4 | 35.4 | 42.5 | 56.6 | 70.8 | 80.2 | 82.6 | 77.9 | 70.8 | 68.4 | 63.7 |
| 117.5° | 33.0 | 33.0 | 37.8 | 49.6 | 63.7 | 70.8 | 73.2 | 66.1 | 59.0 | 59.0 | 56.6 |
| 120° | 30.7 | 30.7 | 35.4 | 44.8 | 56.6 | 63.7 | 63.7 | 56.6 | 51.9 | 49.6 | 49.6 |
| 122.5° | 30.7 | 30.7 | 33.0 | 40.1 | 49.6 | 54.3 | 56.6 | 49.6 | 44.8 | 42.5 | 42.5 |
| 125° | 28.3 | 28.3 | 30.7 | 35.4 | 44.8 | 49.6 | 47.2 | 42.5 | 37.8 | 37.8 | 37.8 |
| 127.5° | 28.3 | 28.3 | 28.3 | 33.0 | 37.8 | 42.5 | 42.5 | 37.8 | 33.0 | 33.0 | 35.4 |
| 130° | 26.0 | 26.0 | 26.0 | 28.3 | 33.0 | 37.8 | 35.4 | 30.7 | 28.3 | 28.3 | 30.7 |
| 132.5° | 26.0 | 26.0 | 26.0 | 26.0 | 28.3 | 33.0 | 30.7 | 26.0 | 26.0 | 26.0 | 26.0 |
| 135° | 23.6 | 23.6 | 23.6 | 23.6 | 26.0 | 26.0 | 26.0 | 23.6 | 21.2 | 23.6 | 23.6 |
| 137.5° | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 18.9 | 18.9 | 18.9 | 21.2 |
| 140° | 18.9 | 18.9 | 18.9 | 18.9 | 16.5 | 16.5 | 16.5 | 14.2 | 16.5 | 16.5 | 18.9 |
| 142.5° | 18.9 | 18.9 | 16.5 | 16.5 | 14.2 | 14.2 | 11.8 | 11.8 | 14.2 | 14.2 | 14.2 |
| 145° | 16.5 | 16.5 | 14.2 | 11.8 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 11.8 | 11.8 |
| 147.5° | 11.8 | 11.8 | 11.8 | 9.4 | 7.1 | 4.7 | 4.7 | 7.1 | 7.1 | 7.1 | 9.4 |
| 150° | 9.4 | 9.4 | 9.4 | 7.1 | 4.7 | 2.4 | 2.4 | 4.7 | 4.7 | 4.7 | 7.1 |
| 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° | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 | 290.3 |
| 2.5° | 290.3 | 287.9 | 280.9 | 276.1 | 271.4 | 269.1 | 264.3 | 262.0 | 262.0 | 259.6 | 262.0 |
| 5° | 299.7 | 292.7 | 278.5 | 266.7 | 254.9 | 245.5 | 238.4 | 233.7 | 231.3 | 228.9 | 226.6 |
| 7.5° | 316.3 | 304.5 | 283.2 | 264.3 | 245.5 | 231.3 | 219.5 | 212.4 | 207.7 | 203.0 | 203.0 |
| 10° | 339.9 | 323.3 | 292.7 | 266.7 | 243.1 | 224.2 | 207.7 | 198.3 | 193.5 | 188.8 | 188.8 |
| 12.5° | 375.3 | 354.0 | 313.9 | 273.8 | 245.5 | 221.9 | 205.3 | 193.5 | 188.8 | 186.5 | 184.1 |
| 15° | 420.1 | 394.1 | 342.2 | 295.0 | 254.9 | 224.2 | 207.7 | 203.0 | 198.3 | 195.9 | 195.9 |
| 17.5° | 472.0 | 436.6 | 372.9 | 316.3 | 271.4 | 238.4 | 221.9 | 214.8 | 212.4 | 210.1 | 207.7 |
| 20° | 528.7 | 488.6 | 408.3 | 339.9 | 290.3 | 262.0 | 238.4 | 231.3 | 228.9 | 226.6 | 226.6 |
| 22.5° | 597.1 | 542.8 | 446.1 | 365.8 | 313.9 | 280.9 | 259.6 | 247.8 | 245.5 | 245.5 | 243.1 |
| 25° | 667.9 | 608.9 | 488.6 | 394.1 | 337.5 | 302.1 | 278.5 | 266.7 | 264.3 | 266.7 | 266.7 |
| 27.5° | 750.5 | 675.0 | 533.4 | 424.8 | 361.1 | 318.6 | 297.4 | 285.6 | 285.6 | 290.3 | 290.3 |
| 30° | 840.2 | 743.5 | 578.2 | 455.5 | 382.3 | 335.1 | 313.9 | 306.8 | 309.2 | 311.5 | 313.9 |
| 32.5° | 927.6 | 816.6 | 620.7 | 486.2 | 398.9 | 349.3 | 330.4 | 328.1 | 330.4 | 335.1 | 335.1 |
| 35° | 1029.0 | 899.2 | 663.2 | 512.2 | 413.0 | 361.1 | 344.6 | 346.9 | 351.7 | 356.4 | 358.7 |
| 37.5° | 1130.5 | 972.4 | 705.7 | 531.0 | 424.8 | 372.9 | 358.7 | 363.5 | 368.2 | 377.6 | 377.6 |
| 40° | 1227.3 | 1047.9 | 738.7 | 547.6 | 434.3 | 380.0 | 368.2 | 377.6 | 387.1 | 391.8 | 391.8 |
| 42.5° | 1328.8 | 1123.4 | 774.1 | 559.4 | 441.4 | 387.1 | 377.6 | 391.8 | 401.2 | 403.6 | 403.6 |
| 45° | 1432.6 | 1187.2 | 800.1 | 568.8 | 446.1 | 391.8 | 384.7 | 398.9 | 410.7 | 413.0 | 413.0 |
| 47.5° | 1524.7 | 1246.2 | 819.0 | 571.2 | 446.1 | 394.1 | 389.4 | 406.0 | 417.8 | 417.8 | 417.8 |
| 50° | 1621.4 | 1305.2 | 830.8 | 573.5 | 448.4 | 396.5 | 391.8 | 410.7 | 422.5 | 420.1 | 422.5 |
| 52.5° | 1704.0 | 1352.4 | 835.5 | 568.8 | 446.1 | 394.1 | 394.1 | 415.4 | 427.2 | 422.5 | 422.5 |
| 55° | 1777.2 | 1387.8 | 833.1 | 561.7 | 441.4 | 394.1 | 394.1 | 415.4 | 427.2 | 422.5 | 422.5 |
| 57.5° | 1831.5 | 1409.0 | 823.7 | 552.3 | 436.6 | 391.8 | 394.1 | 415.4 | 427.2 | 422.5 | 422.5 |
| 60° | 1864.5 | 1411.4 | 804.8 | 540.5 | 429.6 | 387.1 | 389.4 | 413.0 | 424.8 | 420.1 | 420.1 |
| 62.5° | 1869.3 | 1399.6 | 781.2 | 524.0 | 420.1 | 382.3 | 387.1 | 410.7 | 422.5 | 417.8 | 420.1 |
| 65° | 1843.3 | 1364.2 | 750.5 | 505.1 | 410.7 | 375.3 | 382.3 | 406.0 | 417.8 | 415.4 | 415.4 |
| 67.5° | 1777.2 | 1302.8 | 708.1 | 481.5 | 396.5 | 365.8 | 375.3 | 396.5 | 413.0 | 408.3 | 408.3 |
| 70° | 1671.0 | 1217.9 | 663.2 | 455.5 | 377.6 | 354.0 | 363.5 | 387.1 | 401.2 | 398.9 | 398.9 |
| 72.5° | 1531.8 | 1116.4 | 608.9 | 424.8 | 358.7 | 339.9 | 351.7 | 372.9 | 384.7 | 384.7 | 382.3 |
| 75° | 1364.2 | 1003.1 | 549.9 | 391.8 | 337.5 | 323.3 | 337.5 | 354.0 | 363.5 | 361.1 | 358.7 |
| 77.5° | 1184.8 | 880.3 | 493.3 | 358.7 | 313.9 | 304.5 | 316.3 | 335.1 | 339.9 | 337.5 | 332.8 |
| 80° | 1003.1 | 755.3 | 436.6 | 323.3 | 287.9 | 280.9 | 292.7 | 306.8 | 311.5 | 304.5 | 302.1 |
| 82.5° | 837.9 | 630.2 | 380.0 | 290.3 | 262.0 | 257.3 | 269.1 | 278.5 | 278.5 | 273.8 | 266.7 |
| 85° | 677.4 | 531.0 | 332.8 | 257.3 | 236.0 | 233.7 | 243.1 | 247.8 | 245.5 | 238.4 | 231.3 |
| 87.5° | 545.2 | 434.3 | 285.6 | 228.9 | 210.1 | 207.7 | 214.8 | 217.1 | 212.4 | 203.0 | 198.3 |
| 90° | 441.4 | 356.4 | 245.5 | 203.0 | 186.5 | 186.5 | 188.8 | 188.8 | 181.7 | 169.9 | 165.2 |
| 92.5° | 351.7 | 292.7 | 212.4 | 177.0 | 167.6 | 162.9 | 165.2 | 162.9 | 153.4 | 146.3 | 139.3 |
| 95° | 283.2 | 240.7 | 184.1 | 158.1 | 148.7 | 144.0 | 146.3 | 141.6 | 129.8 | 120.4 | 115.6 |
| 97.5° | 228.9 | 198.3 | 158.1 | 139.3 | 132.2 | 127.4 | 127.4 | 120.4 | 113.3 | 101.5 | 96.8 |
| 100° | 184.1 | 162.9 | 136.9 | 122.7 | 115.6 | 113.3 | 110.9 | 106.2 | 96.8 | 85.0 | 82.6 |
| 102.5° | 148.7 | 136.9 | 118.0 | 108.6 | 103.8 | 101.5 | 99.1 | 92.0 | 82.6 | 70.8 | 70.8 |
| 105° | 122.7 | 115.6 | 103.8 | 96.8 | 92.0 | 89.7 | 87.3 | 80.2 | 70.8 | 61.4 | 61.4 |
| 107.5° | 101.5 | 96.8 | 89.7 | 85.0 | 82.6 | 80.2 | 77.9 | 70.8 | 61.4 | 51.9 | 54.3 |
| 110° | 87.3 | 82.6 | 77.9 | 75.5 | 75.5 | 73.2 | 68.4 | 63.7 | 54.3 | 47.2 | 47.2 |

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|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 73.2 | 70.8 | 68.4 | 68.4 | 66.1 | 63.7 | 61.4 | 54.3 | 47.2 | 42.5 | 42.5 |
| 115° | 63.7 | 61.4 | 61.4 | 61.4 | 59.0 | 59.0 | 54.3 | 49.6 | 40.1 | 37.8 | 37.8 |
| 117.5° | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 51.9 | 49.6 | 42.5 | 35.4 | 33.0 | 33.0 |
| 120° | 49.6 | 49.6 | 47.2 | 47.2 | 47.2 | 47.2 | 42.5 | 37.8 | 30.7 | 30.7 | 30.7 |
| 122.5° | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 40.1 | 37.8 | 33.0 | 28.3 | 28.3 | 28.3 |
| 125° | 37.8 | 37.8 | 37.8 | 40.1 | 37.8 | 37.8 | 33.0 | 28.3 | 23.6 | 26.0 | 26.0 |
| 127.5° | 35.4 | 35.4 | 35.4 | 33.0 | 33.0 | 33.0 | 28.3 | 23.6 | 21.2 | 23.6 | 23.6 |
| 130° | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 28.3 | 26.0 | 21.2 | 18.9 | 21.2 | 21.2 |
| 132.5° | 28.3 | 28.3 | 28.3 | 26.0 | 26.0 | 23.6 | 21.2 | 18.9 | 16.5 | 18.9 | 18.9 |
| 135° | 23.6 | 23.6 | 23.6 | 23.6 | 21.2 | 21.2 | 18.9 | 14.2 | 16.5 | 16.5 | 16.5 |
| 137.5° | 21.2 | 21.2 | 21.2 | 18.9 | 18.9 | 16.5 | 14.2 | 11.8 | 14.2 | 14.2 | 14.2 |
| 140° | 18.9 | 18.9 | 18.9 | 16.5 | 14.2 | 14.2 | 11.8 | 11.8 | 11.8 | 14.2 | 14.2 |
| 142.5° | 14.2 | 14.2 | 14.2 | 14.2 | 11.8 | 9.4 | 9.4 | 9.4 | 11.8 | 11.8 | 11.8 |
| 145° | 11.8 | 11.8 | 11.8 | 9.4 | 9.4 | 7.1 | 7.1 | 7.1 | 9.4 | 9.4 | 9.4 |
| 147.5° | 9.4 | 9.4 | 9.4 | 7.1 | 7.1 | 4.7 | 4.7 | 7.1 | 9.4 | 9.4 | 9.4 |
| 150° | 7.1 | 7.1 | 7.1 | 4.7 | 4.7 | 2.4 | 4.7 | 4.7 | 7.1 | 7.1 | 7.1 |
| 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)