

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: P695306

Luminaire Tested: **LXF.LXT-PA16-50-727-U-SL3-A**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695306
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-PA16-50-727-U-SL3-A
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 2700K, 980mA 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: 4577 lumens
Efficiency: N/A
Efficacy: 86.2 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 - G3

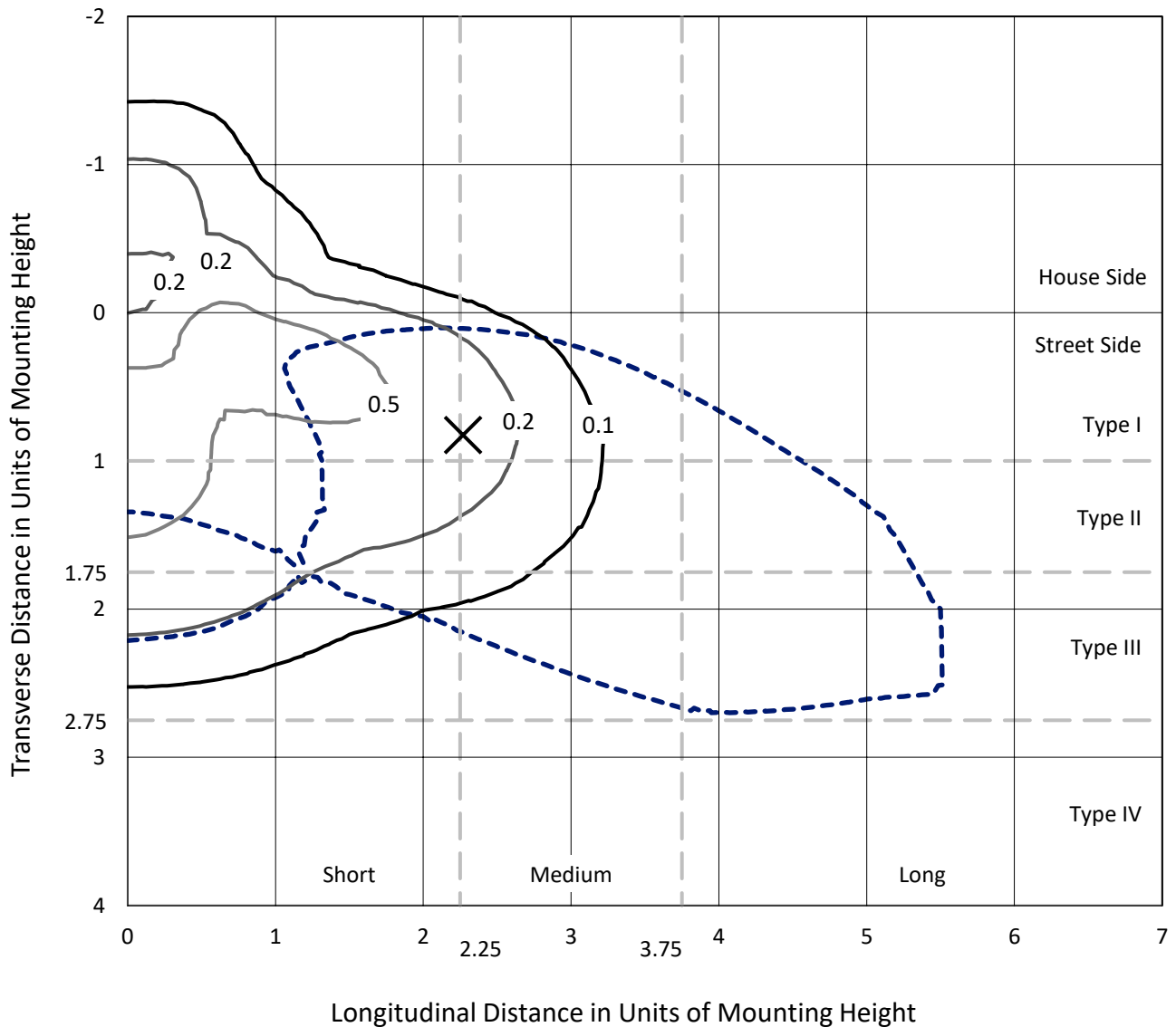
Input Watts (W): 53.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P695306
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Iso-Footcandle Lines of Horizontal Illumination

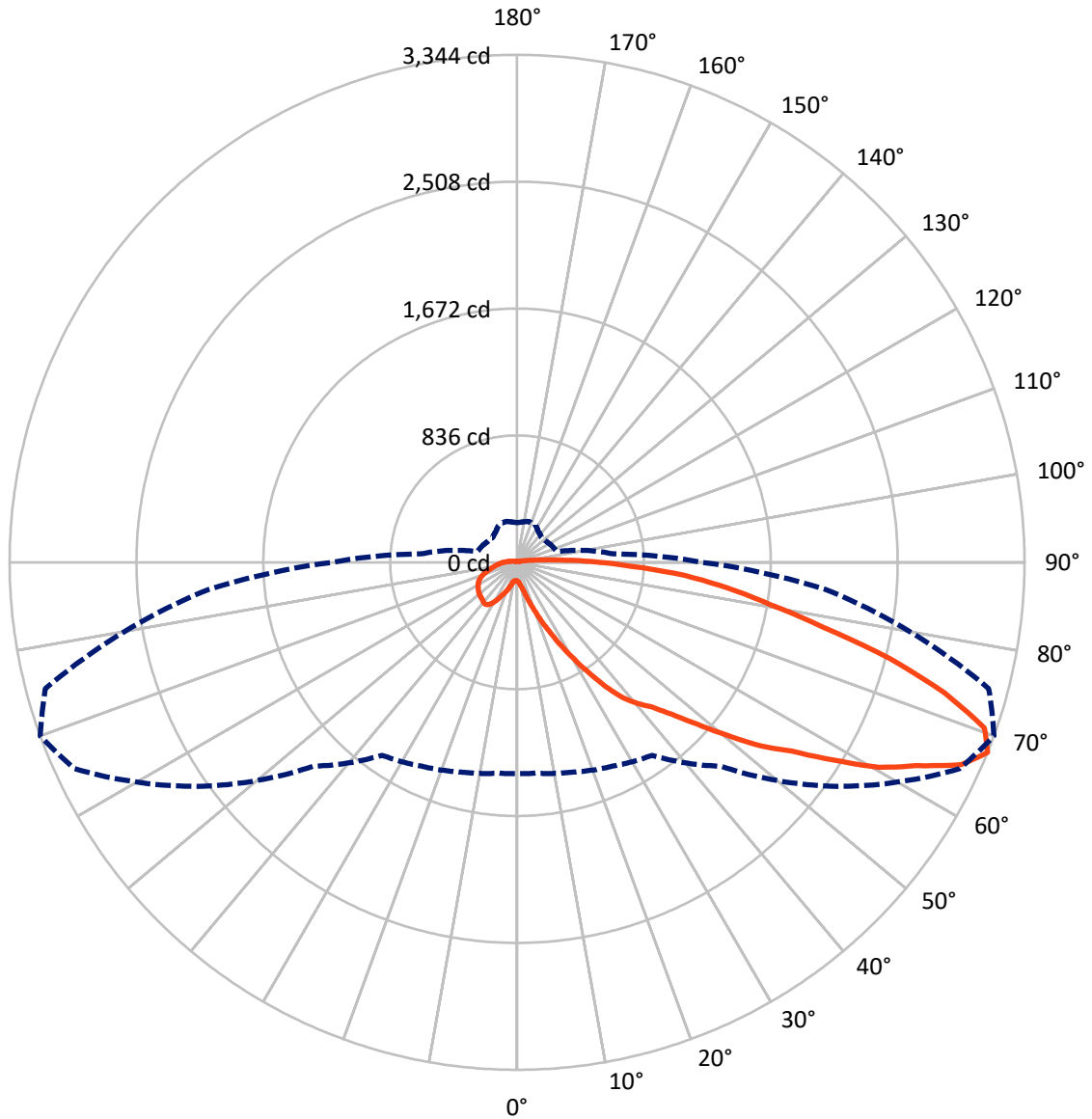
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.9 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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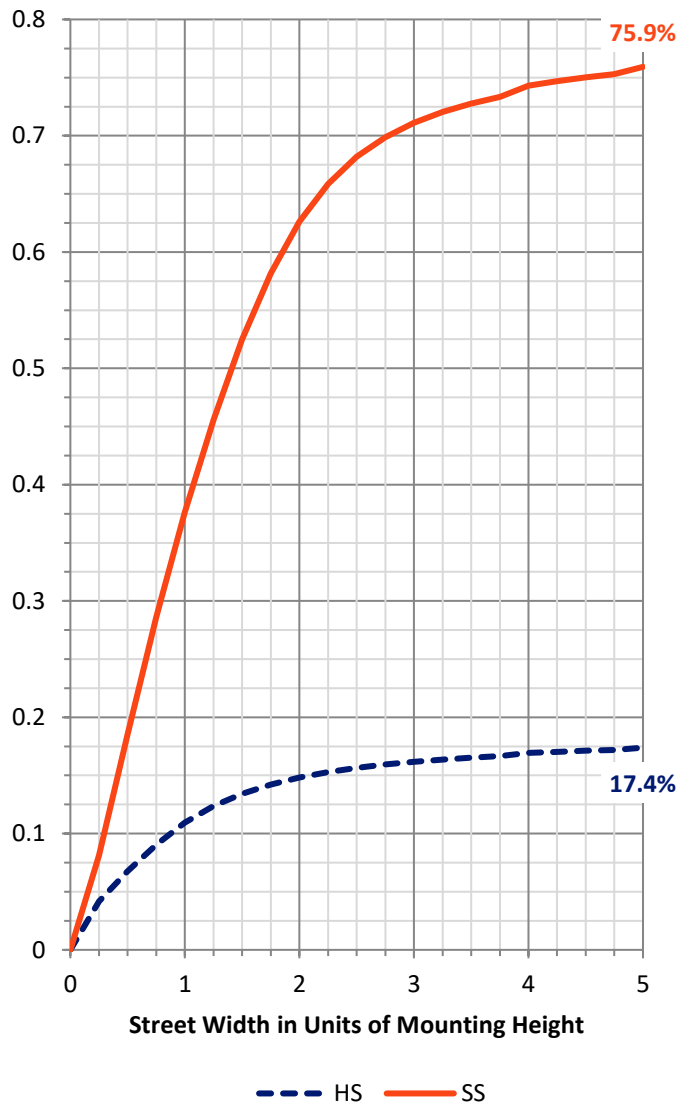
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 836.0 | 74.7 | 910.8 |
| | % Fixture | 18.3 | 1.6 | 19.9 |
| Street Side | Lumens | 3570.9 | 95.4 | 3666.2 |
| | % Fixture | 78.0 | 2.1 | 80.1 |
| Total | Lumens | 4406.9 | 170.1 | 4577.0 |
| | % Fixture | 96.3 | 3.7 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 12.7 | 0.3 |
| 10°-20° | 55.8 | 1.2 |
| 20°-30° | 165.0 | 3.6 |
| 30°-40° | 360.8 | 7.9 |
| 40°-50° | 567.9 | 12.4 |
| 50°-60° | 878.1 | 19.2 |
| 60°-70° | 1173.6 | 25.6 |
| 70°-80° | 830.4 | 18.1 |
| 80°-90° | 362.6 | 7.9 |
| 90°-100° | 102.1 | 2.2 |
| 100°-110° | 32.7 | 0.7 |
| 110°-120° | 15.9 | 0.3 |
| 120°-130° | 9.8 | 0.2 |
| 130°-140° | 6.3 | 0.1 |
| 140°-150° | 3.0 | 0.1 |
| 150°-160° | 0.2 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 4406.9 | 96.3 |
| 0°-180° | 4577.0 | 100.0 |

Coefficient of Utilization

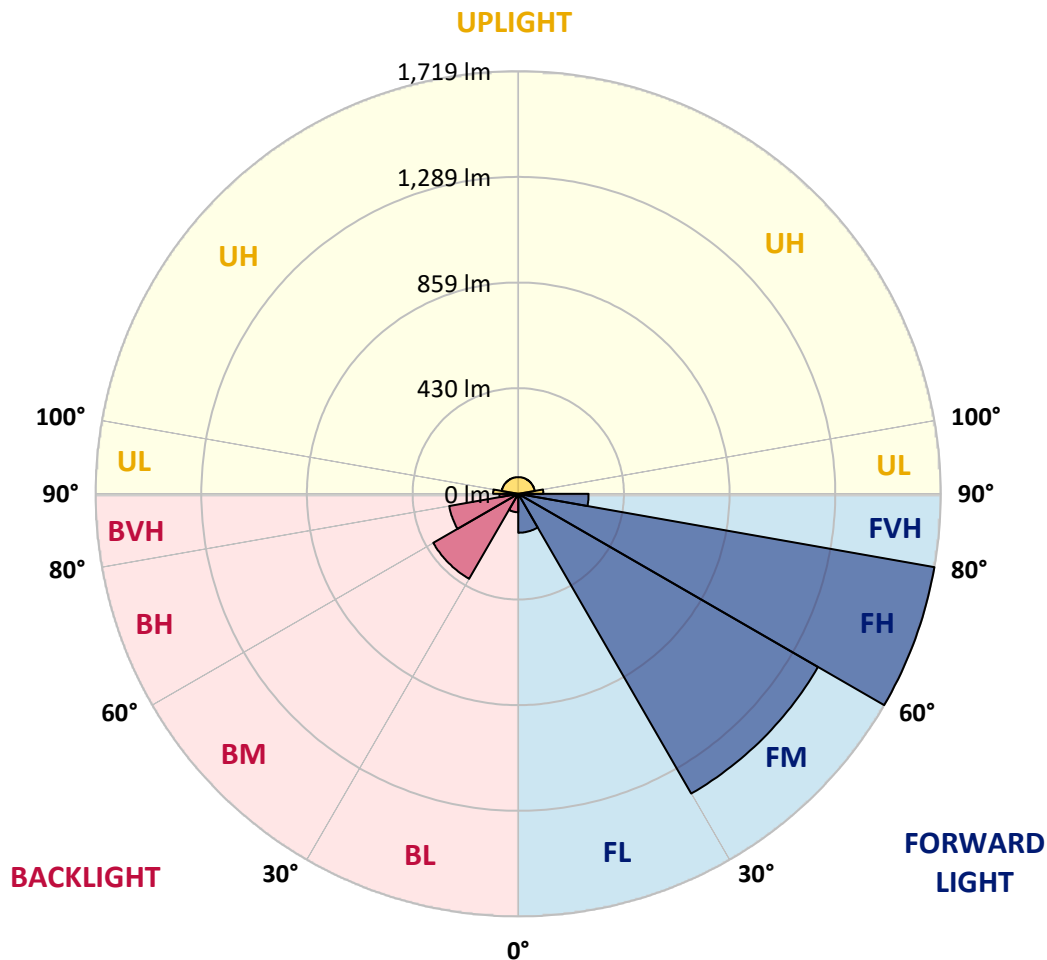


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 158.4 | 3.5 | | | |
| FM (30°-60°) | 1407.6 | 30.8 | | | |
| FH (60°-80°) | 1718.8 | 37.6 | | | G1/1800 |
| FVH (80°-90°) | 286.0 | 6.2 | | | G3/500 |
| BL (0°-30°) | 75.1 | 1.6 | B0/110 | | |
| BM (30°-60°) | 399.2 | 8.7 | B1/1000 | | |
| BH (60°-80°) | 285.1 | 6.2 | B1/500 | | G1/500 |
| BVH (80°-90°) | 76.6 | 1.7 | | | G1/100 |
| UL (90°-100°) | 102.1 | 2.2 | | U3/500 | |
| UH (100°-180°) | 68.0 | 1.5 | | U3/500 | |

BUG Rating: B1-U3-G3
 Type III Medium



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 |
| 2.5° | 131.5 | 131.5 | 133.2 | 131.5 | 131.5 | 131.5 | 129.7 | 128.0 | 126.3 | 126.3 | 124.5 |
| 5° | 145.3 | 145.3 | 145.3 | 145.3 | 143.6 | 141.8 | 140.1 | 136.7 | 134.9 | 133.2 | 129.7 |
| 7.5° | 162.6 | 162.6 | 162.6 | 162.6 | 160.9 | 159.1 | 154.0 | 148.8 | 147.0 | 145.3 | 138.4 |
| 10° | 188.6 | 188.6 | 188.6 | 185.1 | 183.4 | 179.9 | 174.7 | 169.5 | 166.1 | 162.6 | 152.2 |
| 12.5° | 223.1 | 221.4 | 221.4 | 218.0 | 211.0 | 204.1 | 202.4 | 197.2 | 193.7 | 190.3 | 178.2 |
| 15° | 266.4 | 266.4 | 266.4 | 257.7 | 250.8 | 243.9 | 242.2 | 237.0 | 237.0 | 231.8 | 216.2 |
| 17.5° | 314.8 | 314.8 | 307.9 | 299.3 | 294.1 | 290.6 | 292.3 | 290.6 | 288.9 | 282.0 | 261.2 |
| 20° | 368.5 | 366.7 | 358.1 | 346.0 | 339.0 | 342.5 | 347.7 | 352.9 | 351.2 | 342.5 | 313.1 |
| 22.5° | 437.6 | 434.2 | 418.6 | 401.3 | 385.7 | 390.9 | 408.2 | 425.5 | 430.7 | 416.9 | 380.6 |
| 25° | 512.0 | 512.0 | 489.5 | 463.6 | 444.6 | 442.8 | 467.1 | 515.5 | 518.9 | 517.2 | 465.3 |
| 27.5° | 610.6 | 605.4 | 574.3 | 536.2 | 499.9 | 501.6 | 539.7 | 603.7 | 624.5 | 622.7 | 553.5 |
| 30° | 717.9 | 716.1 | 679.8 | 624.5 | 562.2 | 553.5 | 615.8 | 712.7 | 738.6 | 749.0 | 655.6 |
| 32.5° | 800.9 | 809.6 | 764.6 | 711.0 | 629.7 | 607.2 | 685.0 | 814.7 | 866.6 | 870.1 | 750.7 |
| 35° | 894.3 | 894.3 | 851.1 | 783.6 | 688.5 | 659.1 | 755.9 | 925.5 | 1005.0 | 1011.9 | 847.6 |
| 37.5° | 932.4 | 944.5 | 911.6 | 847.6 | 743.8 | 704.0 | 828.6 | 1050.0 | 1131.3 | 1155.5 | 918.5 |
| 40° | 982.5 | 992.9 | 956.6 | 887.4 | 788.8 | 750.7 | 890.9 | 1143.4 | 1223.0 | 1235.1 | 941.0 |
| 42.5° | 1079.4 | 1088.1 | 1034.4 | 937.6 | 826.9 | 790.5 | 935.8 | 1205.7 | 1302.6 | 1321.6 | 979.1 |
| 45° | 1178.0 | 1186.7 | 1138.2 | 1024.1 | 875.3 | 828.6 | 979.1 | 1307.7 | 1425.4 | 1442.7 | 1036.2 |
| 47.5° | 1311.2 | 1314.7 | 1250.7 | 1120.9 | 947.9 | 873.6 | 1044.8 | 1444.4 | 1591.4 | 1612.2 | 1114.0 |
| 50° | 1456.5 | 1461.7 | 1378.7 | 1233.4 | 1031.0 | 949.7 | 1138.2 | 1600.1 | 1788.6 | 1821.5 | 1226.4 |
| 52.5° | 1601.8 | 1586.2 | 1511.9 | 1361.4 | 1141.7 | 1041.4 | 1247.2 | 1799.0 | 2008.3 | 2027.3 | 1330.2 |
| 55° | 1766.1 | 1741.9 | 1648.5 | 1475.5 | 1264.5 | 1159.0 | 1416.7 | 1991.0 | 2195.1 | 2209.0 | 1444.4 |
| 57.5° | 1937.4 | 1914.9 | 1795.6 | 1601.8 | 1389.0 | 1326.8 | 1603.5 | 2202.1 | 2456.3 | 2492.7 | 1619.1 |
| 60° | 1966.8 | 1954.7 | 1868.2 | 1719.4 | 1527.4 | 1508.4 | 1831.9 | 2480.6 | 2743.5 | 2745.2 | 1766.1 |
| 62.5° | 1930.5 | 1925.3 | 1845.7 | 1743.7 | 1632.9 | 1697.0 | 2136.3 | 2745.2 | 2951.1 | 2932.0 | 1897.6 |
| 65° | 1755.8 | 1736.7 | 1736.7 | 1686.6 | 1660.6 | 1868.2 | 2404.4 | 2996.0 | 3215.7 | 3156.9 | 2022.2 |
| 67.5° | 1392.5 | 1394.2 | 1430.6 | 1482.5 | 1551.6 | 1899.3 | 2574.0 | 3217.5 | 3343.7 | 3217.5 | 2036.0 |
| 70° | 980.8 | 1006.8 | 1084.6 | 1200.5 | 1337.2 | 1759.2 | 2582.6 | 3191.5 | 3265.9 | 3141.4 | 1946.0 |
| 72.5° | 717.9 | 697.1 | 757.7 | 863.2 | 1069.0 | 1513.6 | 2361.2 | 2944.2 | 2947.6 | 2764.3 | 1684.8 |
| 75° | 486.1 | 487.8 | 531.1 | 622.7 | 776.7 | 1231.6 | 2051.6 | 2549.8 | 2539.4 | 2328.3 | 1404.6 |
| 77.5° | 323.5 | 326.9 | 366.7 | 439.4 | 584.7 | 987.7 | 1716.0 | 2108.6 | 2061.9 | 1918.4 | 1126.1 |
| 80° | 221.4 | 230.1 | 252.6 | 304.4 | 425.5 | 781.9 | 1408.1 | 1729.8 | 1691.8 | 1553.4 | 908.2 |
| 82.5° | 159.1 | 160.9 | 183.4 | 223.1 | 304.4 | 598.5 | 1146.9 | 1451.3 | 1399.4 | 1250.7 | 724.8 |
| 85° | 121.1 | 121.1 | 136.7 | 164.3 | 219.7 | 456.7 | 915.1 | 1155.5 | 1108.8 | 967.0 | 541.4 |
| 87.5° | 88.2 | 90.0 | 100.3 | 124.5 | 162.6 | 346.0 | 702.3 | 830.3 | 755.9 | 667.7 | 371.9 |
| 90° | 57.1 | 60.5 | 67.5 | 90.0 | 121.1 | 245.6 | 489.5 | 543.2 | 493.0 | 413.4 | 240.4 |
| 92.5° | 36.3 | 36.3 | 43.2 | 60.5 | 88.2 | 167.8 | 307.9 | 321.7 | 278.5 | 252.6 | 147.0 |
| 95° | 24.2 | 25.9 | 31.1 | 41.5 | 62.3 | 114.2 | 185.1 | 186.8 | 164.3 | 138.4 | 93.4 |
| 97.5° | 20.8 | 20.8 | 24.2 | 31.1 | 46.7 | 77.8 | 109.0 | 105.5 | 95.1 | 84.8 | 65.7 |
| 100° | 17.3 | 17.3 | 20.8 | 25.9 | 38.1 | 57.1 | 69.2 | 67.5 | 62.3 | 60.5 | 51.9 |
| 102.5° | 15.6 | 15.6 | 17.3 | 22.5 | 31.1 | 45.0 | 50.2 | 46.7 | 45.0 | 45.0 | 39.8 |
| 105° | 13.8 | 13.8 | 15.6 | 19.0 | 25.9 | 36.3 | 38.1 | 34.6 | 34.6 | 32.9 | 31.1 |
| 107.5° | 12.1 | 12.1 | 13.8 | 15.6 | 22.5 | 29.4 | 29.4 | 25.9 | 25.9 | 25.9 | 25.9 |
| 110° | 12.1 | 12.1 | 12.1 | 13.8 | 19.0 | 24.2 | 24.2 | 20.8 | 20.8 | 19.0 | 20.8 |

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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 10.4 | 10.4 | 10.4 | 13.8 | 17.3 | 20.8 | 19.0 | 17.3 | 15.6 | 15.6 | 17.3 |
| 115° | 10.4 | 8.6 | 10.4 | 12.1 | 15.6 | 17.3 | 17.3 | 13.8 | 13.8 | 13.8 | 15.6 |
| 117.5° | 8.6 | 8.6 | 8.6 | 10.4 | 13.8 | 15.6 | 13.8 | 12.1 | 12.1 | 12.1 | 13.8 |
| 120° | 8.6 | 8.6 | 8.6 | 10.4 | 13.8 | 13.8 | 12.1 | 10.4 | 10.4 | 10.4 | 12.1 |
| 122.5° | 8.6 | 8.6 | 8.6 | 10.4 | 12.1 | 12.1 | 12.1 | 10.4 | 10.4 | 10.4 | 12.1 |
| 125° | 8.6 | 8.6 | 8.6 | 10.4 | 12.1 | 12.1 | 10.4 | 8.6 | 8.6 | 8.6 | 12.1 |
| 127.5° | 8.6 | 8.6 | 8.6 | 10.4 | 10.4 | 10.4 | 8.6 | 8.6 | 8.6 | 8.6 | 10.4 |
| 130° | 8.6 | 8.6 | 8.6 | 10.4 | 10.4 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 10.4 |
| 132.5° | 8.6 | 8.6 | 8.6 | 10.4 | 10.4 | 8.6 | 8.6 | 6.9 | 8.6 | 8.6 | 10.4 |
| 135° | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 6.9 | 6.9 | 6.9 | 6.9 | 8.6 | 8.6 |
| 137.5° | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 6.9 | 5.2 | 6.9 | 6.9 | 6.9 | 8.6 |
| 140° | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 5.2 | 5.2 | 5.2 | 5.2 | 6.9 | 6.9 |
| 142.5° | 6.9 | 6.9 | 6.9 | 6.9 | 5.2 | 5.2 | 3.5 | 5.2 | 5.2 | 5.2 | 6.9 |
| 145° | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 3.5 | 3.5 | 3.5 | 3.5 | 5.2 | 5.2 |
| 147.5° | 5.2 | 5.2 | 5.2 | 5.2 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| 150° | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 1.7 | 1.7 | 3.5 | 3.5 | 3.5 |
| 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° | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 |
| 2.5° | 124.5 | 122.8 | 122.8 | 121.1 | 119.4 | 119.4 | 119.4 | 119.4 | 117.6 | 117.6 | 117.6 |
| 5° | 128.0 | 126.3 | 122.8 | 119.4 | 115.9 | 112.4 | 112.4 | 110.7 | 110.7 | 109.0 | 107.2 |
| 7.5° | 134.9 | 131.5 | 124.5 | 119.4 | 114.2 | 109.0 | 107.2 | 105.5 | 103.8 | 102.1 | 102.1 |
| 10° | 148.8 | 141.8 | 131.5 | 121.1 | 112.4 | 105.5 | 102.1 | 100.3 | 98.6 | 96.9 | 96.9 |
| 12.5° | 169.5 | 162.6 | 145.3 | 128.0 | 114.2 | 105.5 | 100.3 | 98.6 | 96.9 | 96.9 | 96.9 |
| 15° | 204.1 | 192.0 | 166.1 | 141.8 | 119.4 | 107.2 | 102.1 | 103.8 | 107.2 | 107.2 | 107.2 |
| 17.5° | 243.9 | 228.3 | 190.3 | 157.4 | 129.7 | 115.9 | 112.4 | 115.9 | 119.4 | 121.1 | 121.1 |
| 20° | 290.6 | 266.4 | 216.2 | 173.0 | 141.8 | 131.5 | 128.0 | 131.5 | 136.7 | 140.1 | 140.1 |
| 22.5° | 349.4 | 311.4 | 243.9 | 188.6 | 157.4 | 147.0 | 145.3 | 148.8 | 155.7 | 162.6 | 160.9 |
| 25° | 416.9 | 366.7 | 275.0 | 205.8 | 178.2 | 164.3 | 166.1 | 173.0 | 185.1 | 192.0 | 195.5 |
| 27.5° | 491.3 | 423.8 | 306.2 | 230.1 | 197.2 | 183.4 | 186.8 | 198.9 | 218.0 | 230.1 | 230.1 |
| 30° | 570.8 | 479.2 | 337.3 | 254.3 | 218.0 | 202.4 | 209.3 | 231.8 | 252.6 | 268.1 | 268.1 |
| 32.5° | 648.7 | 532.8 | 361.5 | 282.0 | 240.4 | 221.4 | 231.8 | 261.2 | 288.9 | 306.2 | 307.9 |
| 35° | 709.2 | 565.7 | 373.6 | 302.7 | 259.5 | 237.0 | 250.8 | 292.3 | 328.7 | 347.7 | 349.4 |
| 37.5° | 743.8 | 576.0 | 375.4 | 318.3 | 275.0 | 250.8 | 269.9 | 318.3 | 358.1 | 377.1 | 377.1 |
| 40° | 738.6 | 555.3 | 363.3 | 326.9 | 285.4 | 262.9 | 287.2 | 342.5 | 382.3 | 396.1 | 392.7 |
| 42.5° | 749.0 | 546.6 | 354.6 | 323.5 | 288.9 | 269.9 | 297.5 | 354.6 | 387.5 | 392.7 | 389.2 |
| 45° | 761.1 | 534.5 | 346.0 | 320.0 | 287.2 | 273.3 | 302.7 | 354.6 | 382.3 | 380.6 | 377.1 |
| 47.5° | 794.0 | 532.8 | 340.8 | 318.3 | 285.4 | 271.6 | 302.7 | 352.9 | 373.6 | 365.0 | 361.5 |
| 50° | 839.0 | 539.7 | 337.3 | 314.8 | 283.7 | 268.1 | 299.3 | 349.4 | 368.5 | 359.8 | 356.3 |
| 52.5° | 880.5 | 543.2 | 330.4 | 311.4 | 282.0 | 266.4 | 297.5 | 349.4 | 365.0 | 347.7 | 342.5 |
| 55° | 934.1 | 560.5 | 321.7 | 304.4 | 278.5 | 262.9 | 295.8 | 346.0 | 349.4 | 328.7 | 325.2 |
| 57.5° | 1032.7 | 593.3 | 314.8 | 295.8 | 273.3 | 261.2 | 292.3 | 333.9 | 339.0 | 320.0 | 314.8 |
| 60° | 1105.4 | 617.5 | 307.9 | 288.9 | 264.7 | 256.0 | 283.7 | 326.9 | 328.7 | 302.7 | 297.5 |
| 62.5° | 1169.4 | 634.8 | 295.8 | 280.2 | 259.5 | 250.8 | 275.0 | 311.4 | 306.2 | 283.7 | 282.0 |
| 65° | 1231.6 | 648.7 | 287.2 | 268.1 | 249.1 | 240.4 | 264.7 | 290.6 | 292.3 | 273.3 | 269.9 |
| 67.5° | 1219.5 | 634.8 | 269.9 | 254.3 | 237.0 | 228.3 | 245.6 | 276.8 | 278.5 | 264.7 | 261.2 |
| 70° | 1146.9 | 588.1 | 249.1 | 238.7 | 219.7 | 211.0 | 226.6 | 257.7 | 262.9 | 252.6 | 250.8 |
| 72.5° | 992.9 | 508.6 | 221.4 | 216.2 | 200.7 | 192.0 | 207.6 | 233.5 | 242.2 | 233.5 | 230.1 |
| 75° | 835.5 | 429.0 | 197.2 | 192.0 | 181.6 | 173.0 | 185.1 | 209.3 | 219.7 | 218.0 | 218.0 |
| 77.5° | 669.4 | 344.2 | 174.7 | 171.3 | 162.6 | 155.7 | 166.1 | 186.8 | 200.7 | 202.4 | 198.9 |
| 80° | 538.0 | 280.2 | 154.0 | 152.2 | 147.0 | 141.8 | 147.0 | 164.3 | 179.9 | 183.4 | 181.6 |
| 82.5° | 432.5 | 233.5 | 136.7 | 136.7 | 131.5 | 128.0 | 131.5 | 147.0 | 166.1 | 173.0 | 171.3 |
| 85° | 332.1 | 192.0 | 122.8 | 121.1 | 117.6 | 115.9 | 119.4 | 129.7 | 150.5 | 159.1 | 159.1 |
| 87.5° | 242.2 | 152.2 | 109.0 | 105.5 | 103.8 | 103.8 | 105.5 | 115.9 | 134.9 | 141.8 | 140.1 |
| 90° | 167.8 | 117.6 | 93.4 | 90.0 | 88.2 | 90.0 | 93.4 | 102.1 | 115.9 | 117.6 | 117.6 |
| 92.5° | 114.2 | 90.0 | 77.8 | 74.4 | 74.4 | 77.8 | 81.3 | 88.2 | 96.9 | 95.1 | 93.4 |
| 95° | 79.6 | 67.5 | 62.3 | 60.5 | 60.5 | 64.0 | 67.5 | 74.4 | 79.6 | 76.1 | 74.4 |
| 97.5° | 58.8 | 53.6 | 51.9 | 50.2 | 48.4 | 53.6 | 55.4 | 58.8 | 64.0 | 62.3 | 60.5 |
| 100° | 46.7 | 45.0 | 43.2 | 41.5 | 39.8 | 43.2 | 45.0 | 48.4 | 51.9 | 48.4 | 48.4 |
| 102.5° | 38.1 | 38.1 | 36.3 | 34.6 | 34.6 | 36.3 | 38.1 | 39.8 | 41.5 | 39.8 | 38.1 |
| 105° | 31.1 | 31.1 | 31.1 | 29.4 | 29.4 | 31.1 | 32.9 | 32.9 | 34.6 | 31.1 | 31.1 |
| 107.5° | 25.9 | 25.9 | 27.7 | 25.9 | 25.9 | 27.7 | 27.7 | 27.7 | 27.7 | 25.9 | 25.9 |
| 110° | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 24.2 | 24.2 | 24.2 | 24.2 | 22.5 | 20.8 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 20.8 | 20.8 | 20.8 | 20.8 | 19.0 | 19.0 |
| 115° | 15.6 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 19.0 | 17.3 | 17.3 | 17.3 | 17.3 |
| 117.5° | 13.8 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 |
| 120° | 13.8 | 13.8 | 13.8 | 13.8 | 13.8 | 13.8 | 13.8 | 13.8 | 13.8 | 15.6 | 15.6 |
| 122.5° | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 13.8 | 13.8 | 13.8 |
| 125° | 12.1 | 12.1 | 12.1 | 12.1 | 10.4 | 10.4 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 |
| 127.5° | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 12.1 |
| 130° | 10.4 | 10.4 | 10.4 | 10.4 | 8.6 | 8.6 | 8.6 | 10.4 | 10.4 | 10.4 | 10.4 |
| 132.5° | 10.4 | 10.4 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 10.4 | 10.4 |
| 135° | 8.6 | 8.6 | 8.6 | 8.6 | 6.9 | 6.9 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 |
| 137.5° | 8.6 | 8.6 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 8.6 | 8.6 | 8.6 |
| 140° | 6.9 | 6.9 | 6.9 | 5.2 | 5.2 | 5.2 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 142.5° | 6.9 | 5.2 | 5.2 | 5.2 | 3.5 | 3.5 | 5.2 | 6.9 | 6.9 | 6.9 | 6.9 |
| 145° | 5.2 | 5.2 | 5.2 | 3.5 | 3.5 | 3.5 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 147.5° | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 5.2 | 5.2 | 5.2 | 5.2 |
| 150° | 3.5 | 3.5 | 3.5 | 1.7 | 1.7 | 1.7 | 3.5 | 5.2 | 5.2 | 3.5 | 3.5 |
| 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)