

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: P695166

Luminaire Tested: **LXF.LXT-PA16-40-750-U-T2U-A**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695166
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-12)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-40-750-U-T2U-A
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 5000K, 740mA LIGHTSQUARE WITH 16 LEDS AND TYPE II U OPTICS
AND REFRACTOR PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4649 lumens
Efficiency: N/A
Efficacy: 115.6 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type II - Short
BUG Rating: B2 - U3 - G2

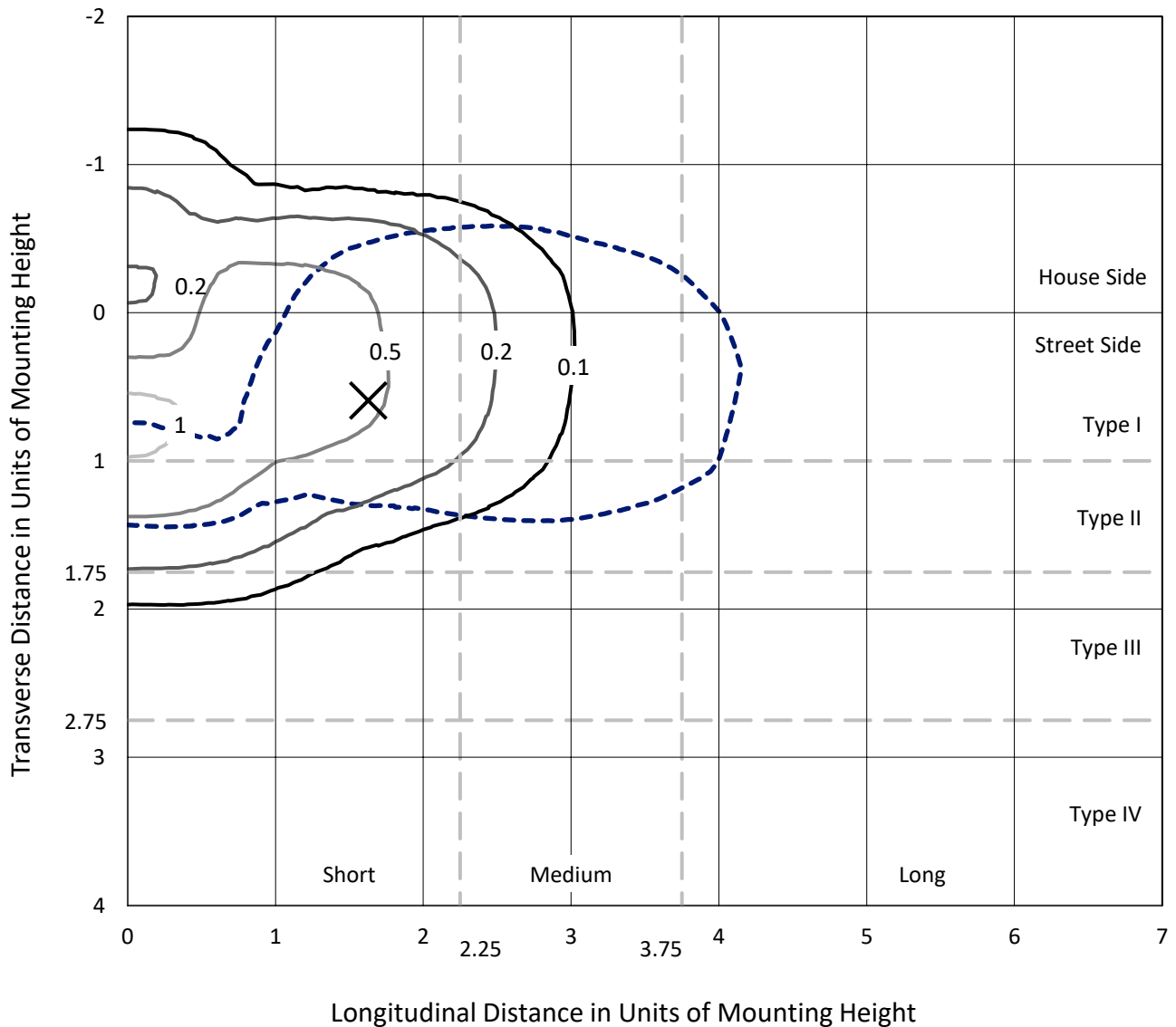
Input Watts (W): 40.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P695166
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Iso-Footcandle Lines of Horizontal Illumination

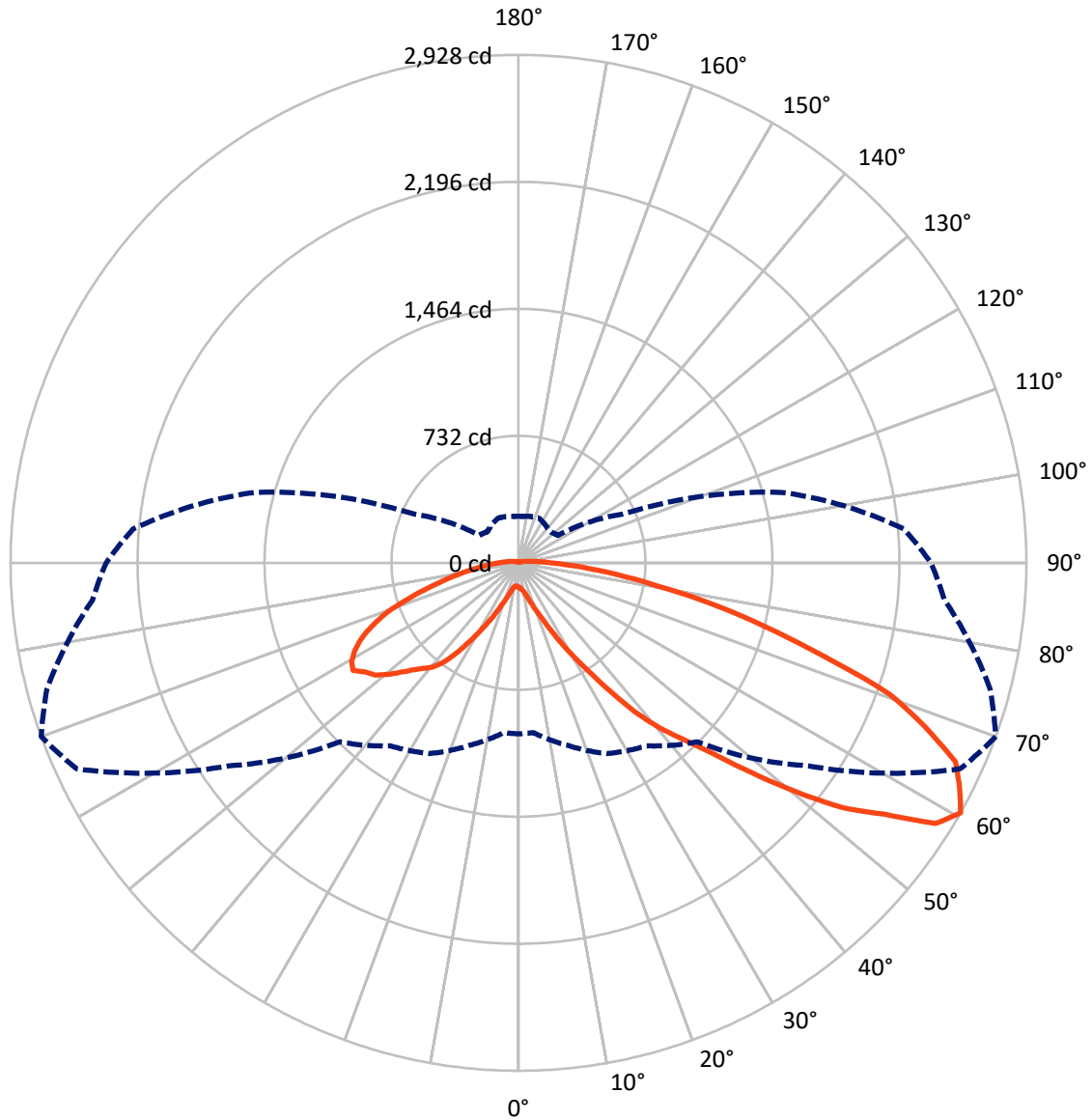
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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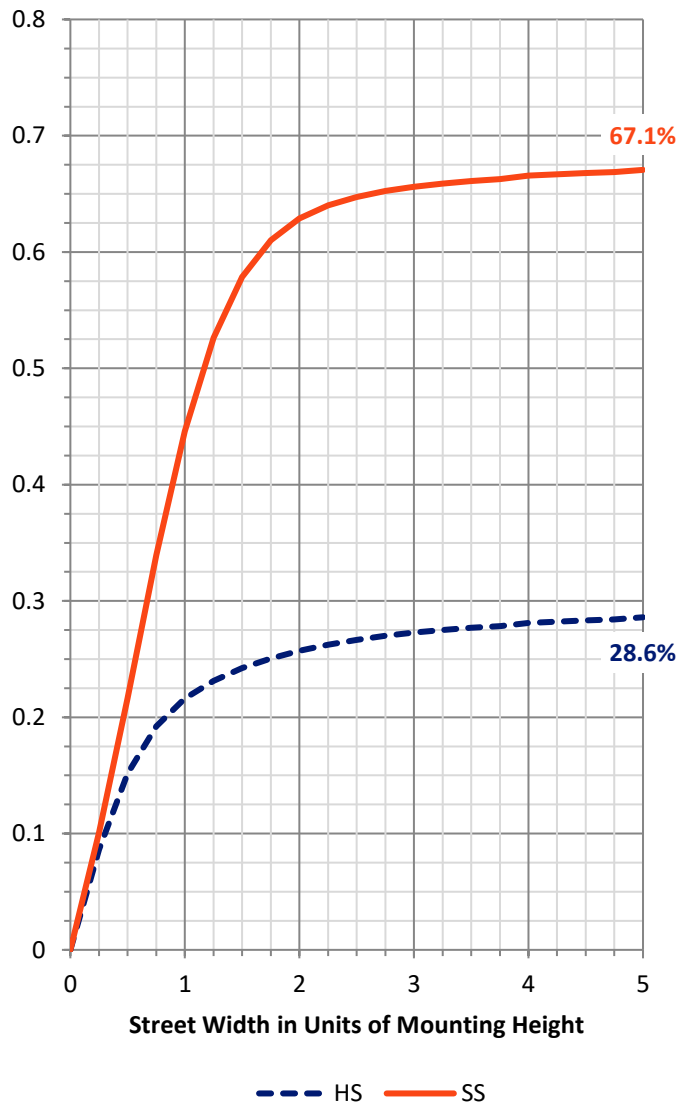
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1368.7 | 69.1 | 1437.8 |
| | % Fixture | 29.4 | 1.5 | 30.9 |
| Street Side | Lumens | 3152.3 | 58.9 | 3211.2 |
| | % Fixture | 67.8 | 1.3 | 69.1 |
| Total | Lumens | 4521.0 | 127.9 | 4649.0 |
| | % Fixture | 97.2 | 2.8 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 14.0 | 0.3 |
| 10°-20° | 59.3 | 1.3 |
| 20°-30° | 187.9 | 4.0 |
| 30°-40° | 462.3 | 9.9 |
| 40°-50° | 800.1 | 17.2 |
| 50°-60° | 1126.1 | 24.2 |
| 60°-70° | 1047.1 | 22.5 |
| 70°-80° | 597.1 | 12.8 |
| 80°-90° | 227.2 | 4.9 |
| 90°-100° | 67.7 | 1.5 |
| 100°-110° | 27.5 | 0.6 |
| 110°-120° | 14.7 | 0.3 |
| 120°-130° | 9.2 | 0.2 |
| 130°-140° | 6.0 | 0.1 |
| 140°-150° | 2.6 | 0.1 |
| 150°-160° | 0.2 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 4521.0 | 97.2 |
| 0°-180° | 4649.0 | 100.0 |

Coefficient of Utilization

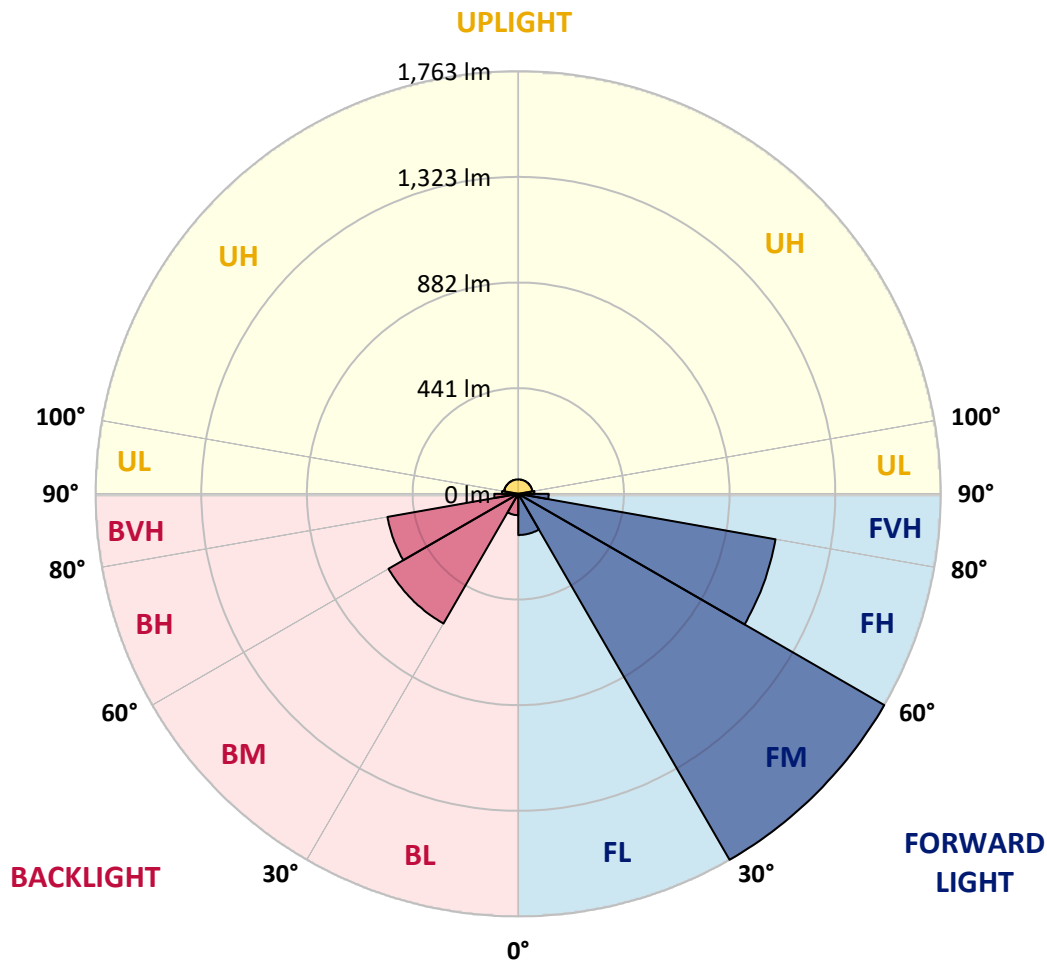


REPORT NUMBER: P695166
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 172.0 | 3.7 | | | |
| FM (30°-60°) | 1763.4 | 37.9 | | | |
| FH (60°-80°) | 1090.0 | 23.4 | | | G1/1800 |
| FVH (80°-90°) | 126.9 | 2.7 | | | G2/225 |
| BL (0°-30°) | 89.2 | 1.9 | B0/110 | | |
| BM (30°-60°) | 625.1 | 13.4 | B1/1000 | | |
| BH (60°-80°) | 554.2 | 11.9 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 100.3 | 2.2 | | | G2/225 |
| UL (90°-100°) | 67.7 | 1.5 | | U3/500 | |
| UH (100°-180°) | 60.2 | 1.3 | | U3/500 | |

BUG Rating: B2-U3-G2
 Type II Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 |
| 2.5° | 150.4 | 148.7 | 148.7 | 148.7 | 148.7 | 147.1 | 145.5 | 143.8 | 143.8 | 142.2 | 140.6 |
| 5° | 163.5 | 163.5 | 163.5 | 161.8 | 160.2 | 158.6 | 155.3 | 152.0 | 150.4 | 147.1 | 143.8 |
| 7.5° | 184.7 | 181.4 | 181.4 | 179.8 | 174.9 | 171.6 | 166.7 | 160.2 | 158.6 | 155.3 | 150.4 |
| 10° | 210.9 | 209.2 | 207.6 | 202.7 | 194.5 | 188.0 | 183.1 | 174.9 | 170.0 | 166.7 | 160.2 |
| 12.5° | 251.7 | 251.7 | 246.8 | 237.0 | 225.6 | 214.1 | 204.3 | 194.5 | 189.6 | 184.7 | 178.2 |
| 15° | 302.4 | 300.8 | 299.1 | 282.8 | 264.8 | 248.5 | 232.1 | 220.7 | 215.8 | 212.5 | 201.1 |
| 17.5° | 369.4 | 371.0 | 361.2 | 335.1 | 308.9 | 291.0 | 271.3 | 256.6 | 250.1 | 245.2 | 235.4 |
| 20° | 456.0 | 454.4 | 439.7 | 402.1 | 372.7 | 343.3 | 322.0 | 299.1 | 294.2 | 289.3 | 277.9 |
| 22.5° | 568.8 | 565.6 | 536.1 | 490.4 | 446.2 | 405.4 | 377.6 | 361.2 | 351.4 | 344.9 | 335.1 |
| 25° | 684.9 | 698.0 | 657.1 | 601.5 | 537.8 | 475.7 | 446.2 | 436.4 | 426.6 | 421.7 | 408.6 |
| 27.5° | 868.0 | 869.6 | 810.8 | 720.8 | 635.9 | 572.1 | 534.5 | 518.2 | 518.2 | 511.6 | 495.3 |
| 30° | 1062.5 | 1060.8 | 988.9 | 874.5 | 758.4 | 670.2 | 630.9 | 621.1 | 624.4 | 616.2 | 593.4 |
| 32.5° | 1234.1 | 1230.8 | 1150.7 | 1038.0 | 884.3 | 776.4 | 738.8 | 742.1 | 745.4 | 751.9 | 733.9 |
| 35° | 1420.4 | 1418.8 | 1324.0 | 1185.1 | 1018.3 | 897.4 | 871.2 | 902.3 | 903.9 | 913.7 | 872.9 |
| 37.5° | 1487.5 | 1497.3 | 1438.4 | 1314.2 | 1137.7 | 1021.6 | 1023.2 | 1057.6 | 1087.0 | 1090.3 | 1033.1 |
| 40° | 1538.1 | 1543.0 | 1489.1 | 1389.4 | 1245.5 | 1150.7 | 1191.6 | 1247.2 | 1248.8 | 1221.0 | 1127.9 |
| 42.5° | 1654.2 | 1659.1 | 1583.9 | 1458.0 | 1324.0 | 1281.5 | 1340.4 | 1399.2 | 1387.8 | 1363.2 | 1247.2 |
| 45° | 1729.4 | 1735.9 | 1686.9 | 1565.9 | 1402.5 | 1378.0 | 1485.8 | 1564.3 | 1562.7 | 1546.3 | 1386.1 |
| 47.5° | 1806.2 | 1816.0 | 1765.3 | 1650.9 | 1492.4 | 1467.9 | 1646.0 | 1807.8 | 1806.2 | 1760.4 | 1570.8 |
| 50° | 1783.3 | 1791.5 | 1794.8 | 1719.6 | 1556.1 | 1561.0 | 1814.4 | 2062.8 | 2075.9 | 2017.1 | 1796.4 |
| 52.5° | 1644.4 | 1657.5 | 1704.9 | 1714.7 | 1601.9 | 1624.8 | 1977.8 | 2332.5 | 2348.9 | 2250.8 | 1971.3 |
| 55° | 1464.6 | 1480.9 | 1543.0 | 1611.7 | 1574.1 | 1641.1 | 2113.5 | 2546.7 | 2556.5 | 2476.4 | 2195.2 |
| 57.5° | 1224.3 | 1258.6 | 1338.7 | 1436.8 | 1459.7 | 1601.9 | 2115.1 | 2723.2 | 2834.4 | 2772.2 | 2438.8 |
| 60° | 985.7 | 982.4 | 1088.6 | 1212.9 | 1288.0 | 1458.0 | 2040.0 | 2809.8 | 2927.5 | 2814.7 | 2464.9 |
| 62.5° | 707.8 | 719.2 | 833.6 | 977.5 | 1070.6 | 1234.1 | 1865.1 | 2639.8 | 2854.0 | 2850.7 | 2602.3 |
| 65° | 505.1 | 516.5 | 599.9 | 737.2 | 845.1 | 1023.2 | 1582.3 | 2473.1 | 2767.3 | 2793.5 | 2589.2 |
| 67.5° | 359.6 | 364.5 | 428.3 | 536.1 | 630.9 | 781.3 | 1296.2 | 2236.1 | 2530.3 | 2608.8 | 2514.0 |
| 70° | 269.7 | 274.6 | 313.8 | 393.9 | 461.0 | 570.5 | 1034.7 | 1896.1 | 2272.1 | 2386.5 | 2321.1 |
| 72.5° | 207.6 | 214.1 | 240.3 | 300.8 | 340.0 | 407.0 | 773.2 | 1546.3 | 1837.3 | 1950.1 | 1922.3 |
| 75° | 163.5 | 166.7 | 186.3 | 227.2 | 251.7 | 286.1 | 547.6 | 1190.0 | 1462.9 | 1624.8 | 1624.8 |
| 77.5° | 130.8 | 135.7 | 148.7 | 178.2 | 199.4 | 212.5 | 376.0 | 854.9 | 1134.4 | 1297.9 | 1335.5 |
| 80° | 104.6 | 107.9 | 119.3 | 140.6 | 155.3 | 163.5 | 253.4 | 593.4 | 814.0 | 1008.5 | 1118.1 |
| 82.5° | 83.4 | 83.4 | 94.8 | 111.2 | 125.9 | 135.7 | 186.3 | 420.1 | 581.9 | 729.0 | 850.0 |
| 85° | 67.0 | 68.7 | 75.2 | 86.6 | 101.3 | 114.4 | 143.8 | 287.7 | 397.2 | 488.7 | 588.4 |
| 87.5° | 52.3 | 52.3 | 58.8 | 67.0 | 81.7 | 96.4 | 117.7 | 194.5 | 261.5 | 336.7 | 395.6 |
| 90° | 37.6 | 39.2 | 42.5 | 49.0 | 63.7 | 78.5 | 93.2 | 135.7 | 173.3 | 210.9 | 250.1 |
| 92.5° | 27.8 | 27.8 | 29.4 | 34.3 | 45.8 | 62.1 | 75.2 | 98.1 | 119.3 | 137.3 | 155.3 |
| 95° | 21.2 | 21.2 | 22.9 | 24.5 | 32.7 | 47.4 | 57.2 | 71.9 | 83.4 | 96.4 | 104.6 |
| 97.5° | 18.0 | 18.0 | 18.0 | 19.6 | 26.2 | 36.0 | 44.1 | 53.9 | 62.1 | 70.3 | 78.5 |
| 100° | 16.3 | 16.3 | 16.3 | 16.3 | 21.2 | 31.1 | 34.3 | 42.5 | 47.4 | 53.9 | 58.8 |
| 102.5° | 14.7 | 14.7 | 14.7 | 14.7 | 19.6 | 26.2 | 29.4 | 32.7 | 37.6 | 40.9 | 45.8 |
| 105° | 13.1 | 13.1 | 13.1 | 13.1 | 16.3 | 21.2 | 24.5 | 27.8 | 29.4 | 31.1 | 34.3 |
| 107.5° | 11.4 | 11.4 | 11.4 | 11.4 | 14.7 | 19.6 | 21.2 | 21.2 | 22.9 | 24.5 | 27.8 |
| 110° | 9.8 | 9.8 | 9.8 | 11.4 | 13.1 | 16.3 | 18.0 | 18.0 | 18.0 | 19.6 | 22.9 |

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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85° |
|--------|-----|-----|-----|-----|------|------|------|------|------|------|------|
| 112.5° | 9.8 | 9.8 | 9.8 | 9.8 | 11.4 | 14.7 | 14.7 | 14.7 | 16.3 | 16.3 | 19.6 |
| 115° | 8.2 | 8.2 | 8.2 | 9.8 | 11.4 | 13.1 | 13.1 | 13.1 | 13.1 | 14.7 | 16.3 |
| 117.5° | 8.2 | 8.2 | 8.2 | 8.2 | 11.4 | 13.1 | 13.1 | 11.4 | 11.4 | 13.1 | 14.7 |
| 120° | 8.2 | 8.2 | 8.2 | 8.2 | 9.8 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 13.1 |
| 122.5° | 8.2 | 8.2 | 8.2 | 8.2 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 11.4 |
| 125° | 8.2 | 8.2 | 8.2 | 8.2 | 9.8 | 9.8 | 9.8 | 8.2 | 8.2 | 9.8 | 11.4 |
| 127.5° | 9.8 | 9.8 | 8.2 | 8.2 | 8.2 | 9.8 | 8.2 | 8.2 | 8.2 | 8.2 | 9.8 |
| 130° | 9.8 | 9.8 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 9.8 |
| 132.5° | 9.8 | 9.8 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 6.5 | 6.5 | 8.2 | 9.8 |
| 135° | 8.2 | 9.8 | 8.2 | 8.2 | 8.2 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 8.2 |
| 137.5° | 8.2 | 8.2 | 8.2 | 6.5 | 6.5 | 6.5 | 4.9 | 4.9 | 4.9 | 6.5 | 6.5 |
| 140° | 8.2 | 8.2 | 6.5 | 6.5 | 6.5 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 6.5 |
| 142.5° | 6.5 | 6.5 | 6.5 | 4.9 | 4.9 | 4.9 | 3.3 | 3.3 | 3.3 | 3.3 | 4.9 |
| 145° | 6.5 | 6.5 | 4.9 | 4.9 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| 147.5° | 4.9 | 4.9 | 4.9 | 3.3 | 3.3 | 3.3 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 150° | 4.9 | 3.3 | 3.3 | 3.3 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 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° | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 |
| 2.5° | 140.6 | 138.9 | 137.3 | 137.3 | 135.7 | 134.0 | 132.4 | 132.4 | 132.4 | 132.4 | 132.4 |
| 5° | 142.2 | 140.6 | 137.3 | 134.0 | 130.8 | 127.5 | 125.9 | 122.6 | 122.6 | 122.6 | 121.0 |
| 7.5° | 147.1 | 143.8 | 138.9 | 132.4 | 127.5 | 122.6 | 117.7 | 116.1 | 114.4 | 112.8 | 112.8 |
| 10° | 155.3 | 152.0 | 143.8 | 135.7 | 127.5 | 121.0 | 114.4 | 109.5 | 106.2 | 106.2 | 106.2 |
| 12.5° | 171.6 | 166.7 | 155.3 | 142.2 | 130.8 | 121.0 | 112.8 | 107.9 | 106.2 | 106.2 | 107.9 |
| 15° | 197.8 | 191.2 | 174.9 | 158.6 | 140.6 | 125.9 | 119.3 | 119.3 | 121.0 | 122.6 | 122.6 |
| 17.5° | 228.8 | 220.7 | 202.7 | 179.8 | 158.6 | 143.8 | 137.3 | 138.9 | 142.2 | 143.8 | 143.8 |
| 20° | 273.0 | 258.3 | 240.3 | 209.2 | 181.4 | 168.4 | 160.2 | 158.6 | 166.7 | 170.0 | 170.0 |
| 22.5° | 323.6 | 315.5 | 286.1 | 246.8 | 214.1 | 194.5 | 183.1 | 179.8 | 188.0 | 191.2 | 191.2 |
| 25° | 398.8 | 382.5 | 348.2 | 295.9 | 253.4 | 220.7 | 204.3 | 201.1 | 212.5 | 219.0 | 219.0 |
| 27.5° | 485.5 | 461.0 | 418.5 | 351.4 | 292.6 | 245.2 | 223.9 | 223.9 | 235.4 | 245.2 | 246.8 |
| 30° | 575.4 | 547.6 | 496.9 | 413.5 | 331.8 | 264.8 | 238.6 | 240.3 | 251.7 | 266.4 | 263.2 |
| 32.5° | 706.1 | 666.9 | 591.7 | 483.8 | 367.8 | 281.1 | 246.8 | 253.4 | 271.3 | 291.0 | 287.7 |
| 35° | 833.6 | 792.8 | 702.9 | 562.3 | 398.8 | 289.3 | 251.7 | 266.4 | 286.1 | 300.8 | 300.8 |
| 37.5° | 969.3 | 918.6 | 804.2 | 630.9 | 431.5 | 294.2 | 255.0 | 269.7 | 289.3 | 299.1 | 299.1 |
| 40° | 1059.2 | 1008.5 | 877.8 | 680.0 | 444.6 | 292.6 | 253.4 | 268.1 | 281.1 | 284.4 | 281.1 |
| 42.5° | 1172.0 | 1096.8 | 935.0 | 702.9 | 438.1 | 284.4 | 248.5 | 259.9 | 264.8 | 263.2 | 263.2 |
| 45° | 1306.0 | 1222.7 | 1016.7 | 711.0 | 418.5 | 271.3 | 241.9 | 250.1 | 256.6 | 258.3 | 258.3 |
| 47.5° | 1485.8 | 1389.4 | 1123.0 | 724.1 | 393.9 | 258.3 | 238.6 | 251.7 | 258.3 | 253.4 | 253.4 |
| 50° | 1693.4 | 1580.6 | 1245.5 | 735.6 | 369.4 | 248.5 | 240.3 | 256.6 | 258.3 | 253.4 | 251.7 |
| 52.5° | 1858.5 | 1735.9 | 1351.8 | 748.6 | 344.9 | 243.6 | 246.8 | 263.2 | 261.5 | 253.4 | 251.7 |
| 55° | 2077.6 | 1951.7 | 1446.6 | 719.2 | 322.0 | 245.2 | 253.4 | 269.7 | 264.8 | 251.7 | 251.7 |
| 57.5° | 2335.8 | 2183.8 | 1572.5 | 702.9 | 295.9 | 250.1 | 261.5 | 276.2 | 268.1 | 256.6 | 255.0 |
| 60° | 2376.7 | 2229.6 | 1569.2 | 662.0 | 276.2 | 253.4 | 268.1 | 282.8 | 276.2 | 268.1 | 268.1 |
| 62.5° | 2515.6 | 2357.1 | 1543.0 | 590.1 | 261.5 | 253.4 | 273.0 | 291.0 | 292.6 | 287.7 | 286.1 |
| 65° | 2497.6 | 2324.4 | 1476.0 | 518.2 | 248.5 | 250.1 | 276.2 | 300.8 | 302.4 | 304.0 | 304.0 |
| 67.5° | 2432.3 | 2250.8 | 1360.0 | 454.4 | 233.7 | 245.2 | 276.2 | 299.1 | 307.3 | 313.8 | 313.8 |
| 70° | 2232.8 | 2067.7 | 1212.9 | 390.7 | 219.0 | 232.1 | 263.2 | 289.3 | 297.5 | 305.7 | 307.3 |
| 72.5° | 1868.3 | 1714.7 | 995.5 | 331.8 | 199.4 | 212.5 | 240.3 | 264.8 | 274.6 | 281.1 | 279.5 |
| 75° | 1557.8 | 1433.5 | 809.1 | 263.2 | 178.2 | 188.0 | 210.9 | 232.1 | 238.6 | 243.6 | 243.6 |
| 77.5° | 1286.4 | 1175.3 | 637.5 | 215.8 | 155.3 | 163.5 | 181.4 | 197.8 | 204.3 | 206.0 | 202.7 |
| 80° | 1073.9 | 943.2 | 500.2 | 174.9 | 132.4 | 137.3 | 155.3 | 168.4 | 174.9 | 171.6 | 173.3 |
| 82.5° | 830.4 | 722.5 | 379.2 | 147.1 | 116.1 | 117.7 | 130.8 | 142.2 | 147.1 | 143.8 | 142.2 |
| 85° | 563.9 | 490.4 | 273.0 | 127.5 | 101.3 | 99.7 | 107.9 | 117.7 | 121.0 | 119.3 | 117.7 |
| 87.5° | 372.7 | 323.6 | 197.8 | 109.5 | 88.3 | 86.6 | 91.5 | 99.7 | 103.0 | 101.3 | 98.1 |
| 90° | 235.4 | 214.1 | 142.2 | 93.2 | 76.8 | 73.6 | 76.8 | 81.7 | 86.6 | 85.0 | 83.4 |
| 92.5° | 150.4 | 135.7 | 104.6 | 76.8 | 65.4 | 62.1 | 62.1 | 65.4 | 68.7 | 65.4 | 62.1 |
| 95° | 101.3 | 98.1 | 80.1 | 62.1 | 53.9 | 50.7 | 49.0 | 49.0 | 52.3 | 49.0 | 47.4 |
| 97.5° | 78.5 | 75.2 | 65.4 | 49.0 | 42.5 | 40.9 | 39.2 | 39.2 | 42.5 | 39.2 | 37.6 |
| 100° | 60.5 | 60.5 | 52.3 | 40.9 | 32.7 | 32.7 | 32.7 | 34.3 | 36.0 | 34.3 | 34.3 |
| 102.5° | 47.4 | 47.4 | 44.1 | 34.3 | 27.8 | 27.8 | 27.8 | 29.4 | 32.7 | 31.1 | 31.1 |
| 105° | 36.0 | 37.6 | 36.0 | 27.8 | 24.5 | 24.5 | 24.5 | 26.2 | 27.8 | 27.8 | 27.8 |
| 107.5° | 29.4 | 31.1 | 29.4 | 24.5 | 21.2 | 21.2 | 21.2 | 22.9 | 24.5 | 26.2 | 26.2 |
| 110° | 24.5 | 26.2 | 24.5 | 21.2 | 19.6 | 19.6 | 19.6 | 19.6 | 22.9 | 22.9 | 24.5 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 19.6 | 21.2 | 21.2 | 18.0 | 18.0 | 18.0 | 16.3 | 18.0 | 19.6 | 21.2 | 21.2 |
| 115° | 18.0 | 18.0 | 18.0 | 16.3 | 16.3 | 16.3 | 14.7 | 14.7 | 18.0 | 19.6 | 19.6 |
| 117.5° | 16.3 | 16.3 | 16.3 | 14.7 | 14.7 | 14.7 | 13.1 | 13.1 | 14.7 | 18.0 | 18.0 |
| 120° | 14.7 | 14.7 | 14.7 | 13.1 | 13.1 | 13.1 | 11.4 | 11.4 | 13.1 | 16.3 | 16.3 |
| 122.5° | 13.1 | 13.1 | 13.1 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 13.1 | 14.7 | 14.7 |
| 125° | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 9.8 | 9.8 | 9.8 | 11.4 | 13.1 | 13.1 |
| 127.5° | 11.4 | 11.4 | 11.4 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 11.4 | 13.1 |
| 130° | 9.8 | 9.8 | 9.8 | 9.8 | 8.2 | 8.2 | 8.2 | 8.2 | 9.8 | 11.4 | 11.4 |
| 132.5° | 9.8 | 9.8 | 9.8 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 9.8 | 9.8 | 11.4 |
| 135° | 8.2 | 9.8 | 8.2 | 8.2 | 8.2 | 6.5 | 6.5 | 6.5 | 8.2 | 9.8 | 9.8 |
| 137.5° | 8.2 | 8.2 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 8.2 | 8.2 | 8.2 |
| 140° | 6.5 | 6.5 | 6.5 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 6.5 | 8.2 | 8.2 |
| 142.5° | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 6.5 | 6.5 | 6.5 |
| 145° | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 4.9 | 4.9 | 6.5 | 6.5 |
| 147.5° | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 4.9 | 4.9 | 4.9 |
| 150° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.3 | 3.3 | 4.9 | 4.9 |
| 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)