

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: P695347

Luminaire Tested: **LXF.LXT-PA16-50-730-U-T2U-CL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695347
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-13)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-50-730-U-T2U-CL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 980mA LIGHTSQUARE WITH 16 LEDS AND TYPE II U OPTICS
AND CLEAR LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5553.1 lumens
Efficiency: N/A
Efficacy: 104.6 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

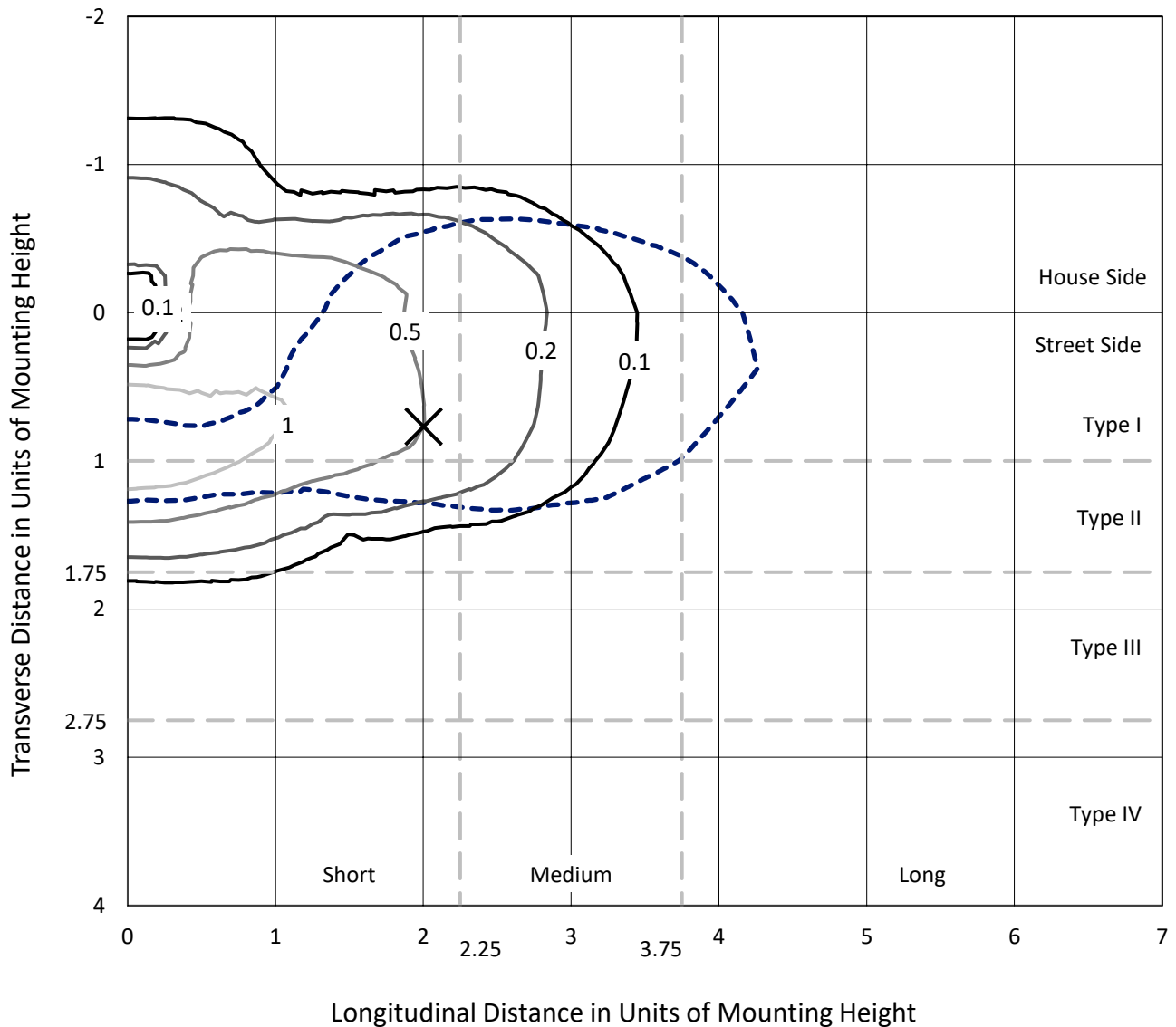
Input Watts (W): 53.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P695347
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Iso-Footcandle Lines of Horizontal Illumination

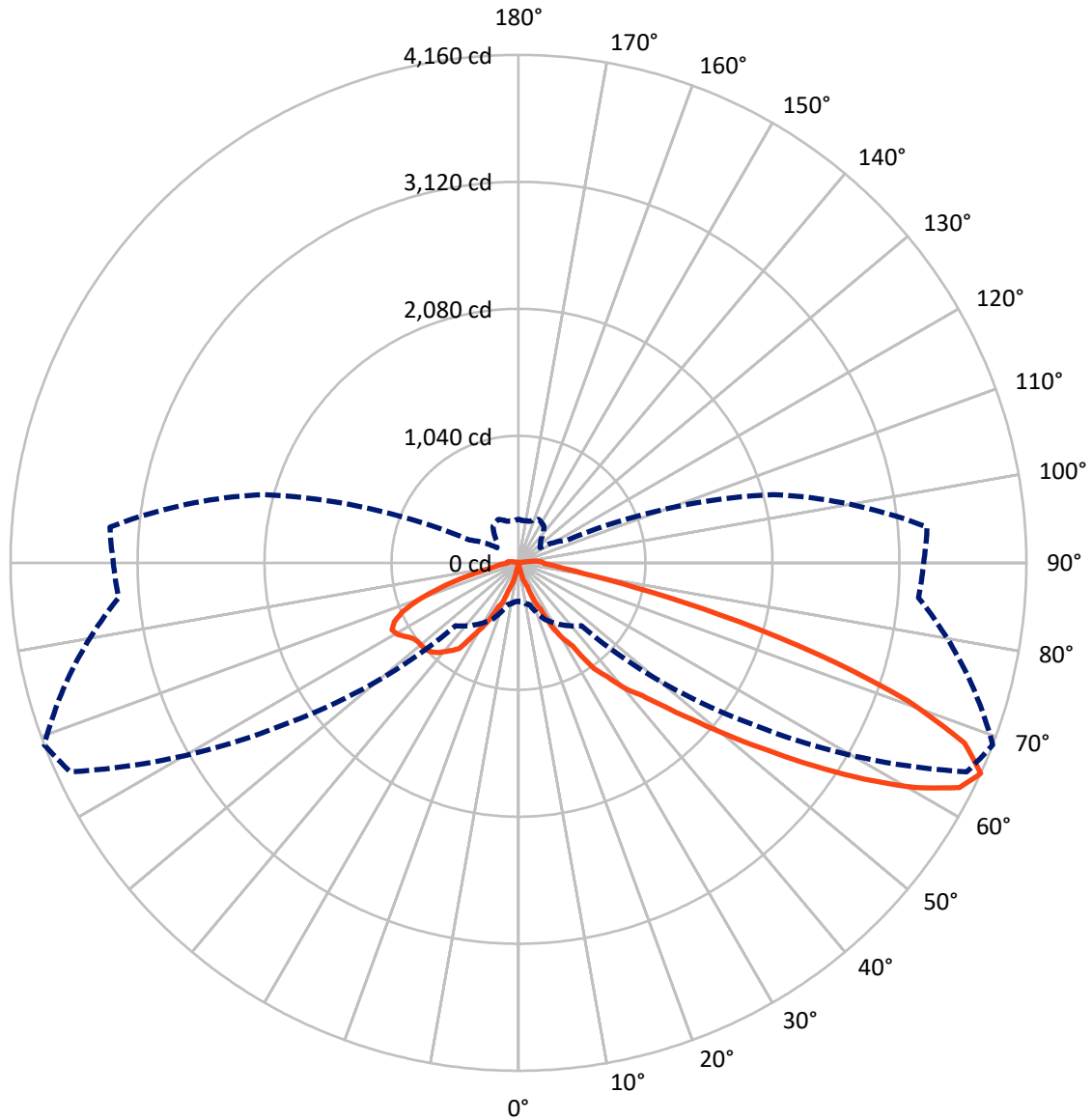
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 69-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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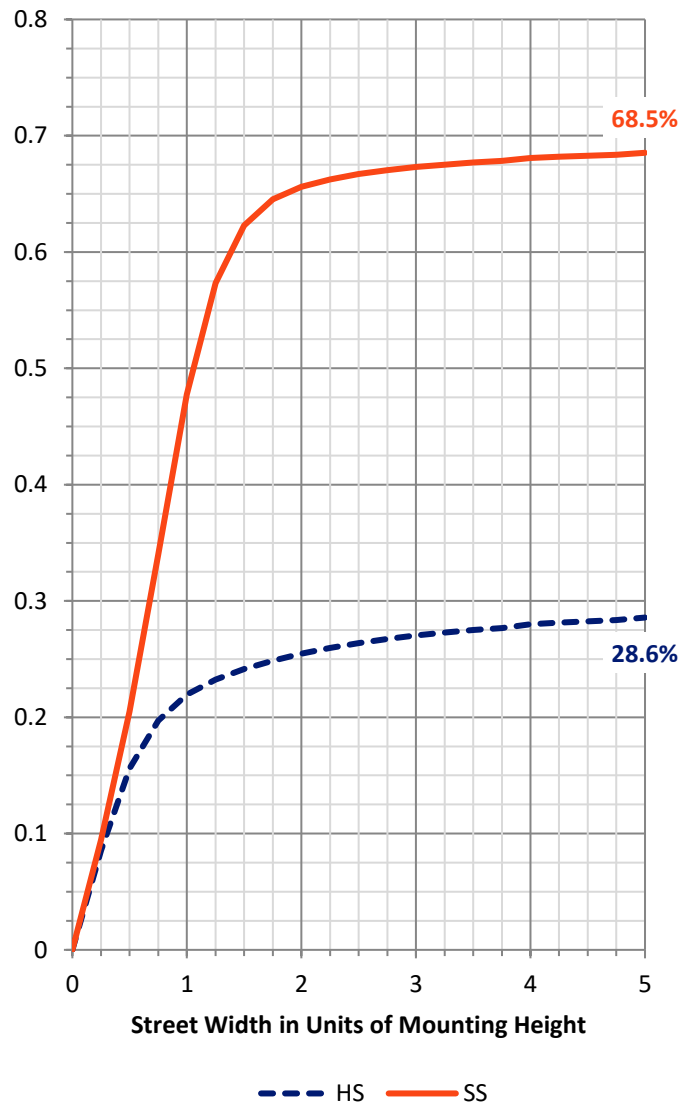
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1627.9 | 47.7 | 1675.6 |
| | % Fixture | 29.3 | 0.9 | 30.2 |
| Street Side | Lumens | 3836.2 | 41.3 | 3877.5 |
| | % Fixture | 69.1 | 0.7 | 69.8 |
| Total | Lumens | 5464.1 | 89.0 | 5553.1 |
| | % Fixture | 98.4 | 1.6 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 0.4 | 0.0 |
| 10°-20° | 33.5 | 0.6 |
| 20°-30° | 213.8 | 3.9 |
| 30°-40° | 586.8 | 10.6 |
| 40°-50° | 1046.2 | 18.8 |
| 50°-60° | 1357.9 | 24.5 |
| 60°-70° | 1298.5 | 23.4 |
| 70°-80° | 748.4 | 13.5 |
| 80°-90° | 178.5 | 3.2 |
| 90°-100° | 63.0 | 1.1 |
| 100°-110° | 11.4 | 0.2 |
| 110°-120° | 5.4 | 0.1 |
| 120°-130° | 4.4 | 0.1 |
| 130°-140° | 2.6 | 0.0 |
| 140°-150° | 1.8 | 0.0 |
| 150°-160° | 0.2 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 5464.1 | 98.4 |
| 0°-180° | 5553.1 | 100.0 |

Coefficient of Utilization

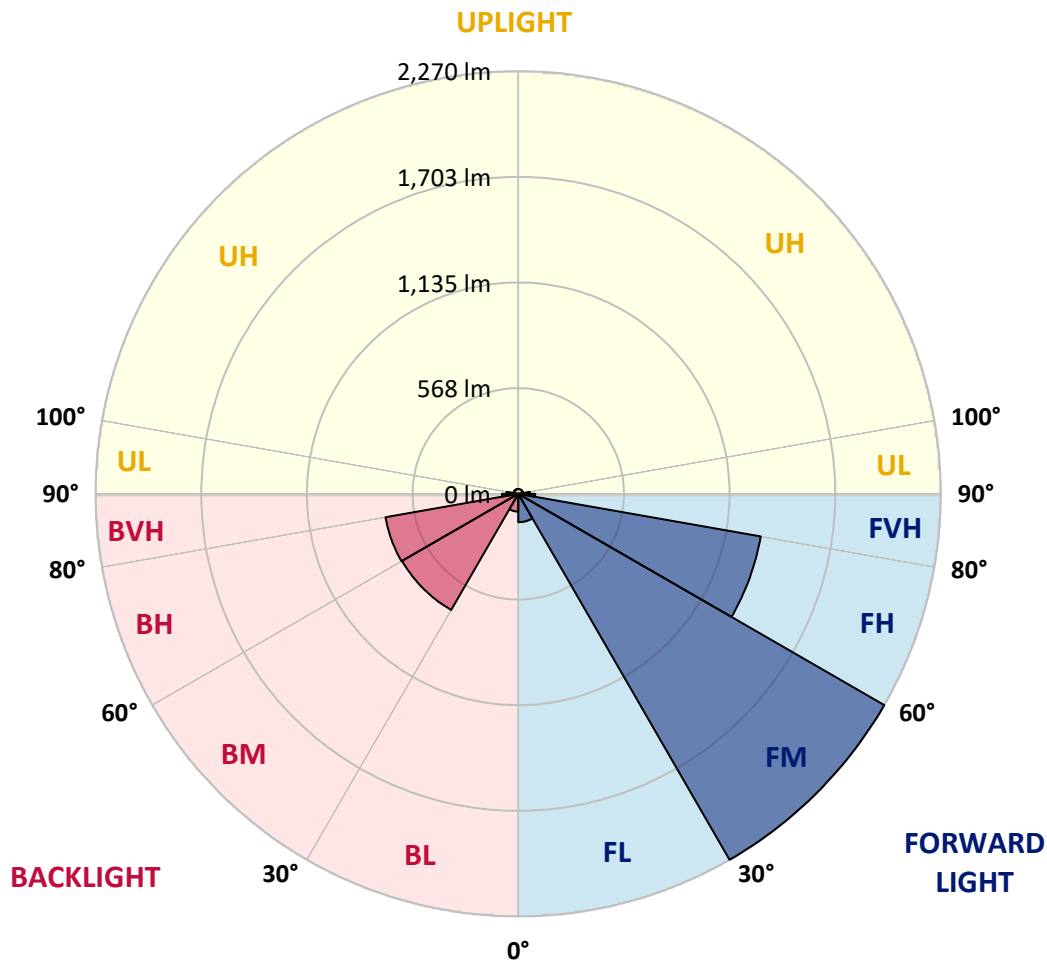


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 152.5 | 2.7 | | | |
| FM (30°-60°) | 2270.3 | 40.9 | | | |
| FH (60°-80°) | 1322.5 | 23.8 | | | G1/1800 |
| FVH (80°-90°) | 90.9 | 1.6 | | | G1/100 |
| BL (0°-30°) | 95.3 | 1.7 | B0/110 | | |
| BM (30°-60°) | 720.7 | 13.0 | B1/1000 | | |
| BH (60°-80°) | 724.4 | 13.0 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 87.6 | 1.6 | | | G1/100 |
| UL (90°-100°) | 63.0 | 1.1 | | U3/500 | |
| UH (100°-180°) | 25.9 | 0.5 | | U2/50 | |

BUG Rating: B2-U3-G2
 Type II Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 69° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| 2.5° | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 1.9 | 1.9 |
| 5° | 3.8 | 3.8 | 3.8 | 5.6 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 1.9 | 1.9 |
| 7.5° | 7.5 | 5.6 | 5.6 | 5.6 | 5.6 | 3.8 | 3.8 | 3.8 | 3.8 | 1.9 | 1.9 |
| 10° | 31.9 | 26.3 | 20.7 | 15.0 | 9.4 | 5.6 | 5.6 | 3.8 | 3.8 | 3.8 | 3.8 |
| 12.5° | 139.0 | 133.4 | 131.5 | 124.0 | 41.3 | 15.0 | 9.4 | 15.0 | 18.8 | 26.3 | 31.9 |
| 15° | 163.5 | 161.6 | 157.8 | 146.6 | 139.0 | 103.3 | 33.8 | 127.8 | 139.0 | 146.6 | 148.4 |
| 17.5° | 298.8 | 272.5 | 210.5 | 182.3 | 161.6 | 148.4 | 140.9 | 163.5 | 167.2 | 171.0 | 176.6 |
| 20° | 404.0 | 404.0 | 387.1 | 340.1 | 206.7 | 246.2 | 242.4 | 195.4 | 204.8 | 253.7 | 319.4 |
| 22.5° | 505.5 | 499.8 | 467.9 | 432.2 | 424.7 | 295.0 | 281.9 | 342.0 | 347.6 | 379.6 | 379.6 |
| 25° | 832.4 | 832.4 | 738.5 | 544.9 | 509.2 | 428.4 | 434.1 | 437.8 | 424.7 | 432.2 | 451.0 |
| 27.5° | 988.4 | 975.2 | 939.5 | 830.5 | 631.4 | 595.7 | 514.9 | 513.0 | 610.7 | 631.4 | 644.5 |
| 30° | 1413.0 | 1407.4 | 1206.3 | 979.0 | 853.1 | 689.6 | 702.8 | 717.8 | 717.8 | 719.7 | 699.0 |
| 32.5° | 1708.1 | 1715.6 | 1612.2 | 1302.2 | 1001.5 | 847.4 | 851.2 | 794.8 | 813.6 | 943.3 | 952.7 |
| 35° | 1995.5 | 2010.6 | 1867.8 | 1584.0 | 1292.8 | 1050.4 | 952.7 | 1022.2 | 1061.7 | 1059.8 | 1035.4 |
| 37.5° | 2286.8 | 2275.5 | 2149.6 | 1830.2 | 1514.5 | 1208.2 | 1161.2 | 1202.6 | 1183.8 | 1208.2 | 1131.2 |
| 40° | 2491.6 | 2489.7 | 2377.0 | 2089.5 | 1740.0 | 1426.2 | 1309.7 | 1347.3 | 1360.4 | 1351.0 | 1251.4 |
| 42.5° | 2632.5 | 2619.4 | 2572.4 | 2356.3 | 2035.0 | 1715.6 | 1505.1 | 1531.4 | 1486.3 | 1522.0 | 1396.1 |
| 45° | 2690.8 | 2673.9 | 2666.4 | 2502.9 | 2290.6 | 2157.1 | 1783.2 | 1730.6 | 1679.9 | 1751.3 | 1565.2 |
| 47.5° | 2611.9 | 2589.3 | 2632.5 | 2581.8 | 2491.6 | 2467.2 | 2108.3 | 1926.0 | 1918.5 | 1973.0 | 1775.7 |
| 50° | 2356.3 | 2316.9 | 2433.4 | 2523.6 | 2587.4 | 2681.4 | 2472.8 | 2237.9 | 2213.5 | 2217.3 | 1973.0 |
| 52.5° | 1950.4 | 1952.3 | 2091.4 | 2254.9 | 2549.9 | 2719.0 | 2822.3 | 2630.7 | 2546.1 | 2504.8 | 2172.2 |
| 55° | 1557.7 | 1570.9 | 1676.1 | 1820.8 | 2239.8 | 2681.4 | 3089.1 | 3074.1 | 2931.3 | 2782.9 | 2384.5 |
| 57.5° | 1119.9 | 1148.1 | 1309.7 | 1409.3 | 1813.3 | 2418.3 | 3222.6 | 3468.7 | 3344.7 | 3070.4 | 2611.9 |
| 60° | 640.8 | 674.6 | 851.2 | 1076.7 | 1388.6 | 1927.9 | 3156.8 | 3874.6 | 3739.3 | 3372.9 | 2839.2 |
| 62.5° | 407.8 | 417.1 | 494.2 | 730.9 | 907.6 | 1268.4 | 2878.7 | 4120.7 | 4053.1 | 3651.0 | 3085.4 |
| 65° | 315.7 | 319.4 | 357.0 | 511.1 | 620.1 | 729.1 | 2264.2 | 4051.2 | 4160.2 | 3842.6 | 3288.3 |
| 67.5° | 289.4 | 289.4 | 300.6 | 366.4 | 469.8 | 460.4 | 1463.8 | 3628.4 | 3940.4 | 3868.9 | 3356.0 |
| 70° | 270.6 | 274.3 | 287.5 | 296.9 | 370.2 | 347.6 | 787.3 | 2871.2 | 3382.3 | 3611.5 | 3333.4 |
| 72.5° | 236.8 | 240.5 | 257.4 | 281.9 | 287.5 | 281.9 | 439.7 | 1909.1 | 2570.5 | 3032.8 | 3151.2 |
| 75° | 201.1 | 202.9 | 214.2 | 253.7 | 251.8 | 227.4 | 364.5 | 1140.6 | 1702.4 | 2224.8 | 2672.0 |
| 77.5° | 165.4 | 171.0 | 184.1 | 204.8 | 229.2 | 180.4 | 325.1 | 670.8 | 971.5 | 1399.9 | 1852.7 |
| 80° | 122.1 | 125.9 | 139.0 | 169.1 | 184.1 | 156.0 | 268.7 | 435.9 | 544.9 | 725.3 | 892.5 |
| 82.5° | 88.3 | 90.2 | 101.5 | 122.1 | 131.5 | 133.4 | 210.5 | 351.4 | 373.9 | 400.2 | 402.1 |
| 85° | 54.5 | 52.6 | 54.5 | 63.9 | 80.8 | 86.4 | 152.2 | 280.0 | 281.9 | 272.5 | 268.7 |
| 87.5° | 24.4 | 24.4 | 18.8 | 22.5 | 26.3 | 26.3 | 78.9 | 221.7 | 221.7 | 210.5 | 218.0 |
| 90° | 26.3 | 26.3 | 18.8 | 18.8 | 20.7 | 18.8 | 45.1 | 187.9 | 199.2 | 199.2 | 219.8 |
| 92.5° | 28.2 | 26.3 | 20.7 | 18.8 | 18.8 | 16.9 | 28.2 | 150.3 | 180.4 | 199.2 | 227.4 |
| 95° | 26.3 | 26.3 | 18.8 | 16.9 | 16.9 | 15.0 | 22.5 | 103.3 | 144.7 | 161.6 | 193.5 |
| 97.5° | 18.8 | 18.8 | 13.2 | 13.2 | 15.0 | 13.2 | 16.9 | 43.2 | 56.4 | 73.3 | 97.7 |
| 100° | 13.2 | 13.2 | 9.4 | 9.4 | 9.4 | 9.4 | 11.3 | 18.8 | 22.5 | 18.8 | 22.5 |
| 102.5° | 11.3 | 13.2 | 7.5 | 7.5 | 7.5 | 5.6 | 7.5 | 9.4 | 11.3 | 13.2 | 16.9 |
| 105° | 11.3 | 11.3 | 5.6 | 5.6 | 5.6 | 5.6 | 3.8 | 7.5 | 7.5 | 9.4 | 16.9 |
| 107.5° | 7.5 | 7.5 | 5.6 | 5.6 | 3.8 | 3.8 | 3.8 | 5.6 | 7.5 | 9.4 | 16.9 |
| 110° | 5.6 | 5.6 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 5.6 | 7.5 | 7.5 | 13.2 |

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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 69° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 3.8 | 3.8 | 3.8 | 1.9 | 1.9 | 3.8 | 3.8 | 5.6 | 5.6 | 5.6 | 9.4 |
| 115° | 3.8 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 5.6 | 5.6 | 9.4 |
| 117.5° | 3.8 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 5.6 | 9.4 |
| 120° | 5.6 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 5.6 | 9.4 |
| 122.5° | 5.6 | 5.6 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 5.6 | 9.4 |
| 125° | 5.6 | 5.6 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 5.6 | 7.5 |
| 127.5° | 3.8 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 7.5 |
| 130° | 3.8 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 7.5 |
| 132.5° | 3.8 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 5.6 |
| 135° | 3.8 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 |
| 137.5° | 3.8 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 |
| 140° | 3.8 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 142.5° | 3.8 | 3.8 | 3.8 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 145° | 3.8 | 5.6 | 3.8 | 3.8 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 147.5° | 5.6 | 5.6 | 5.6 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 150° | 5.6 | 5.6 | 5.6 | 3.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 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 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| 2.5° | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| 5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| 7.5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| 10° | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| 12.5° | 30.1 | 28.2 | 24.4 | 13.2 | 5.6 | 3.8 | 3.8 | 3.8 | 5.6 | 7.5 | 7.5 |
| 15° | 152.2 | 154.1 | 150.3 | 135.3 | 33.8 | 9.4 | 5.6 | 16.9 | 63.9 | 110.9 | 77.0 |
| 17.5° | 176.6 | 178.5 | 174.8 | 171.0 | 156.0 | 69.5 | 45.1 | 148.4 | 154.1 | 165.4 | 161.6 |
| 20° | 325.1 | 321.3 | 268.7 | 199.2 | 180.4 | 167.2 | 140.9 | 171.0 | 180.4 | 184.1 | 184.1 |
| 22.5° | 377.7 | 375.8 | 368.3 | 347.6 | 214.2 | 249.9 | 223.6 | 187.9 | 308.2 | 323.2 | 321.3 |
| 25° | 437.8 | 426.5 | 405.9 | 387.1 | 370.2 | 274.3 | 276.2 | 298.8 | 315.7 | 317.6 | 317.6 |
| 27.5° | 627.6 | 612.6 | 578.7 | 481.0 | 434.1 | 342.0 | 345.7 | 306.3 | 308.2 | 370.2 | 381.4 |
| 30° | 682.1 | 657.7 | 622.0 | 603.2 | 499.8 | 402.1 | 330.7 | 351.4 | 362.7 | 360.8 | 364.5 |
| 32.5° | 909.5 | 873.8 | 749.7 | 674.6 | 550.6 | 389.0 | 345.7 | 340.1 | 340.1 | 370.2 | 373.9 |
| 35° | 980.9 | 928.2 | 860.6 | 841.8 | 560.0 | 381.4 | 327.0 | 332.6 | 375.8 | 381.4 | 379.6 |
| 37.5° | 1065.4 | 992.1 | 924.5 | 879.4 | 586.3 | 353.3 | 310.0 | 334.5 | 347.6 | 347.6 | 345.7 |
| 40° | 1159.4 | 1086.1 | 1016.6 | 890.7 | 558.1 | 325.1 | 311.9 | 317.6 | 327.0 | 321.3 | 319.4 |
| 42.5° | 1296.5 | 1198.8 | 1136.8 | 890.7 | 486.7 | 308.2 | 304.4 | 304.4 | 311.9 | 306.3 | 304.4 |
| 45° | 1463.8 | 1351.0 | 1238.3 | 877.5 | 413.4 | 298.8 | 300.6 | 298.8 | 306.3 | 298.8 | 296.9 |
| 47.5° | 1640.4 | 1523.9 | 1330.4 | 845.6 | 357.0 | 291.3 | 306.3 | 296.9 | 298.8 | 287.5 | 285.6 |
| 50° | 1841.5 | 1715.6 | 1426.2 | 789.2 | 325.1 | 291.3 | 304.4 | 298.8 | 293.1 | 281.9 | 280.0 |
| 52.5° | 2044.4 | 1916.6 | 1538.9 | 719.7 | 302.5 | 285.6 | 306.3 | 304.4 | 296.9 | 280.0 | 280.0 |
| 55° | 2253.0 | 2164.7 | 1668.6 | 659.5 | 278.1 | 283.7 | 315.7 | 315.7 | 300.6 | 278.1 | 276.2 |
| 57.5° | 2476.6 | 2416.4 | 1811.4 | 637.0 | 255.5 | 272.5 | 330.7 | 334.5 | 306.3 | 276.2 | 276.2 |
| 60° | 2737.8 | 2762.2 | 1963.6 | 610.7 | 240.5 | 263.1 | 338.2 | 351.4 | 313.8 | 276.2 | 276.2 |
| 62.5° | 3062.8 | 3132.4 | 2106.4 | 550.6 | 227.4 | 249.9 | 345.7 | 370.2 | 336.3 | 308.2 | 310.0 |
| 65° | 3318.4 | 3359.7 | 2157.1 | 441.6 | 214.2 | 255.5 | 364.5 | 392.7 | 351.4 | 347.6 | 357.0 |
| 67.5° | 3459.3 | 3440.5 | 2080.1 | 336.3 | 199.2 | 251.8 | 358.9 | 407.8 | 368.3 | 377.7 | 383.3 |
| 70° | 3455.6 | 3318.4 | 1824.6 | 259.3 | 186.0 | 248.0 | 364.5 | 402.1 | 377.7 | 404.0 | 420.9 |
| 72.5° | 3215.0 | 2903.1 | 1383.0 | 225.5 | 186.0 | 244.3 | 355.1 | 387.1 | 379.6 | 405.9 | 419.0 |
| 75° | 2583.7 | 2206.0 | 948.9 | 197.3 | 176.6 | 233.0 | 338.2 | 360.8 | 345.7 | 368.3 | 375.8 |
| 77.5° | 1711.8 | 1450.6 | 529.9 | 178.5 | 174.8 | 214.2 | 308.2 | 319.4 | 302.5 | 317.6 | 323.2 |
| 80° | 802.4 | 668.9 | 295.0 | 165.4 | 169.1 | 189.8 | 253.7 | 270.6 | 244.3 | 259.3 | 259.3 |
| 82.5° | 368.3 | 340.1 | 223.6 | 150.3 | 152.2 | 144.7 | 197.3 | 223.6 | 199.2 | 206.7 | 199.2 |
| 85° | 248.0 | 249.9 | 178.5 | 127.8 | 124.0 | 103.3 | 156.0 | 172.9 | 150.3 | 156.0 | 131.5 |
| 87.5° | 216.1 | 221.7 | 142.8 | 82.7 | 71.4 | 63.9 | 101.5 | 105.2 | 77.0 | 63.9 | 62.0 |
| 90° | 221.7 | 223.6 | 131.5 | 62.0 | 43.2 | 33.8 | 54.5 | 52.6 | 33.8 | 30.1 | 30.1 |
| 92.5° | 229.2 | 229.2 | 133.4 | 65.8 | 43.2 | 31.9 | 48.9 | 39.5 | 30.1 | 26.3 | 26.3 |
| 95° | 208.6 | 197.3 | 116.5 | 65.8 | 41.3 | 28.2 | 39.5 | 33.8 | 26.3 | 26.3 | 24.4 |
| 97.5° | 127.8 | 116.5 | 86.4 | 65.8 | 33.8 | 24.4 | 30.1 | 26.3 | 18.8 | 16.9 | 16.9 |
| 100° | 35.7 | 30.1 | 54.5 | 52.6 | 24.4 | 16.9 | 20.7 | 16.9 | 11.3 | 9.4 | 7.5 |
| 102.5° | 16.9 | 16.9 | 28.2 | 33.8 | 13.2 | 9.4 | 11.3 | 11.3 | 9.4 | 9.4 | 7.5 |
| 105° | 16.9 | 16.9 | 13.2 | 15.0 | 7.5 | 5.6 | 5.6 | 7.5 | 7.5 | 9.4 | 9.4 |
| 107.5° | 16.9 | 18.8 | 11.3 | 7.5 | 7.5 | 5.6 | 3.8 | 5.6 | 7.5 | 9.4 | 11.3 |
| 110° | 15.0 | 15.0 | 9.4 | 7.5 | 5.6 | 5.6 | 3.8 | 5.6 | 7.5 | 11.3 | 11.3 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 11.3 | 11.3 | 7.5 | 7.5 | 5.6 | 5.6 | 3.8 | 3.8 | 7.5 | 11.3 | 13.2 |
| 115° | 9.4 | 9.4 | 7.5 | 5.6 | 3.8 | 3.8 | 3.8 | 3.8 | 7.5 | 13.2 | 15.0 |
| 117.5° | 9.4 | 9.4 | 5.6 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 7.5 | 15.0 | 15.0 |
| 120° | 9.4 | 9.4 | 5.6 | 3.8 | 3.8 | 3.8 | 3.8 | 5.6 | 9.4 | 15.0 | 16.9 |
| 122.5° | 9.4 | 9.4 | 5.6 | 3.8 | 3.8 | 3.8 | 3.8 | 5.6 | 9.4 | 15.0 | 16.9 |
| 125° | 9.4 | 9.4 | 5.6 | 3.8 | 3.8 | 3.8 | 3.8 | 5.6 | 9.4 | 15.0 | 15.0 |
| 127.5° | 7.5 | 7.5 | 5.6 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 7.5 | 13.2 | 15.0 |
| 130° | 7.5 | 7.5 | 5.6 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 7.5 | 13.2 | 13.2 |
| 132.5° | 5.6 | 5.6 | 3.8 | 3.8 | 3.8 | 1.9 | 3.8 | 3.8 | 7.5 | 11.3 | 11.3 |
| 135° | 3.8 | 3.8 | 3.8 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 5.6 | 7.5 | 9.4 |
| 137.5° | 3.8 | 3.8 | 1.9 | 1.9 | 3.8 | 3.8 | 3.8 | 3.8 | 5.6 | 5.6 | 5.6 |
| 140° | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 5.6 | 5.6 |
| 142.5° | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 1.9 | 3.8 | 3.8 | 3.8 | 5.6 | 5.6 |
| 145° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 3.8 | 5.6 | 5.6 |
| 147.5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 5.6 | 5.6 | 5.6 |
| 150° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 3.8 | 3.8 | 5.6 | 5.6 |
| 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 |

(END OF REPORT)