

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: P691987

Luminaire Tested: **CRTK2-C01HO-D-U-T3-7050**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691987
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-9)
Test Lab: INNOVATION CENTER
Issue Date: 6/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK2-C01HO-D-U-T3-7050
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 5000K LED WITH TYPE III OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11809 lumens
Efficiency: N/A
Efficacy: 149.5 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.08')
IES Classification: Type III - Medium
BUG Rating: B2 - U3 - G2

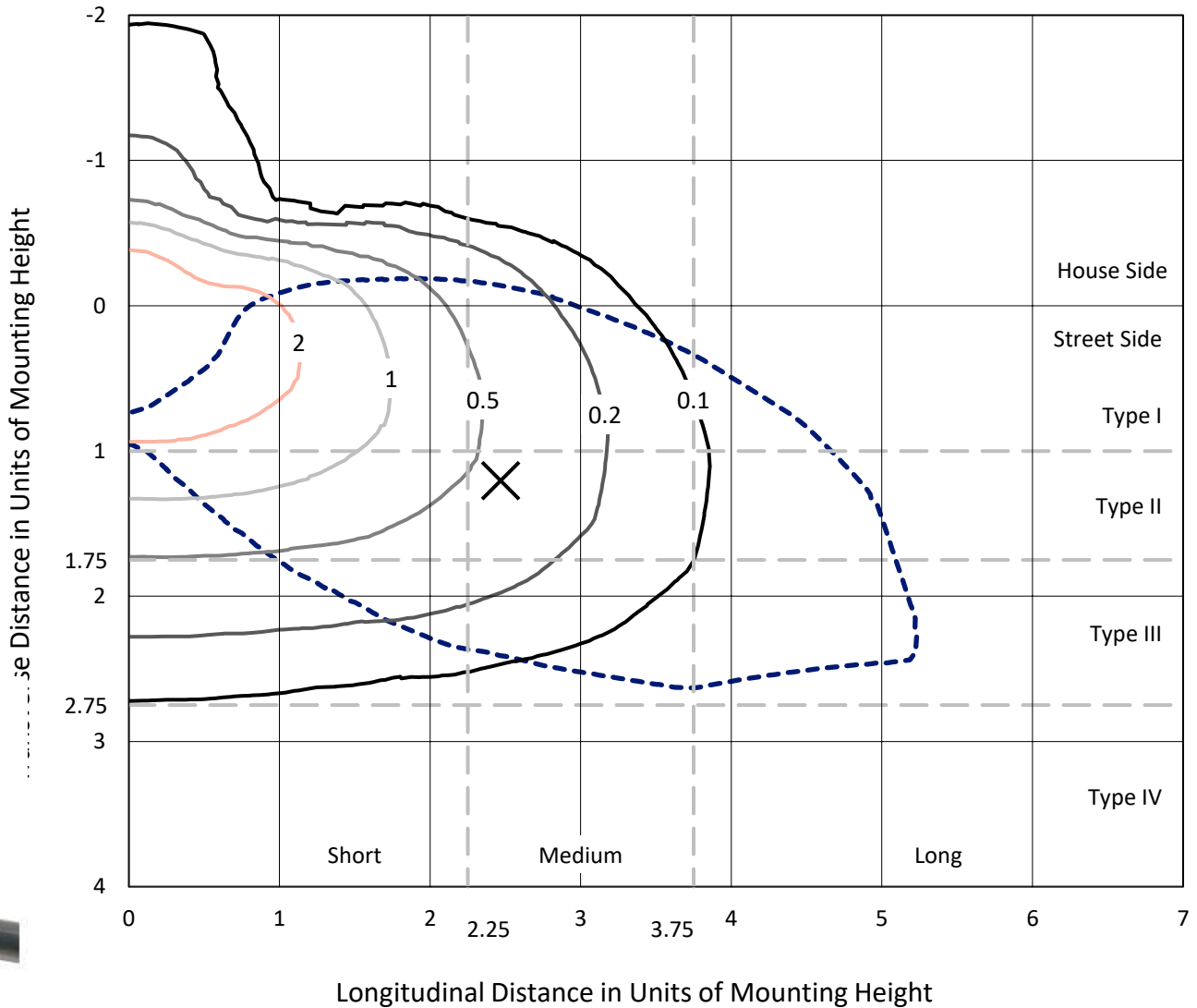
Input Watts (W): 79
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

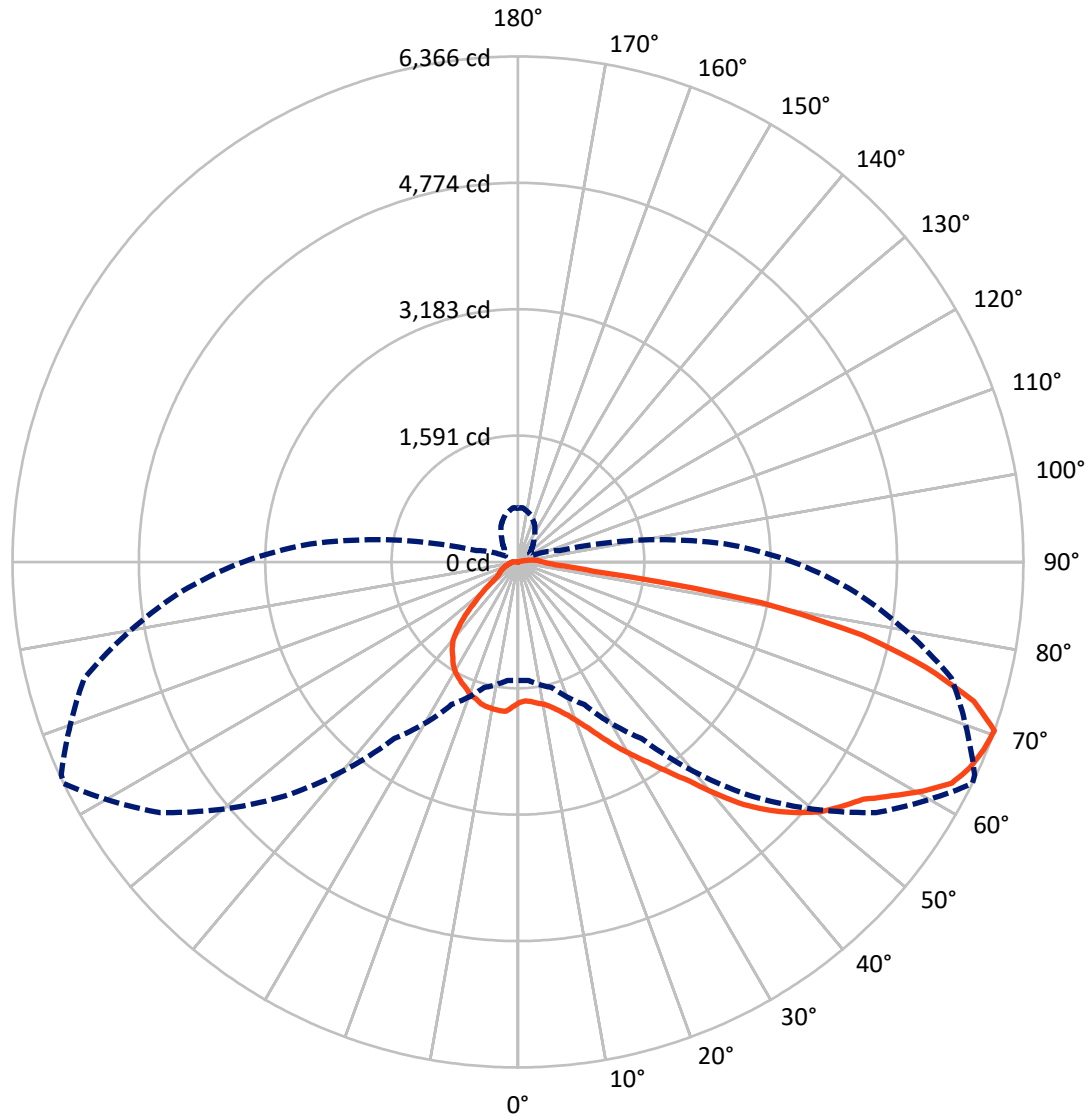
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.2 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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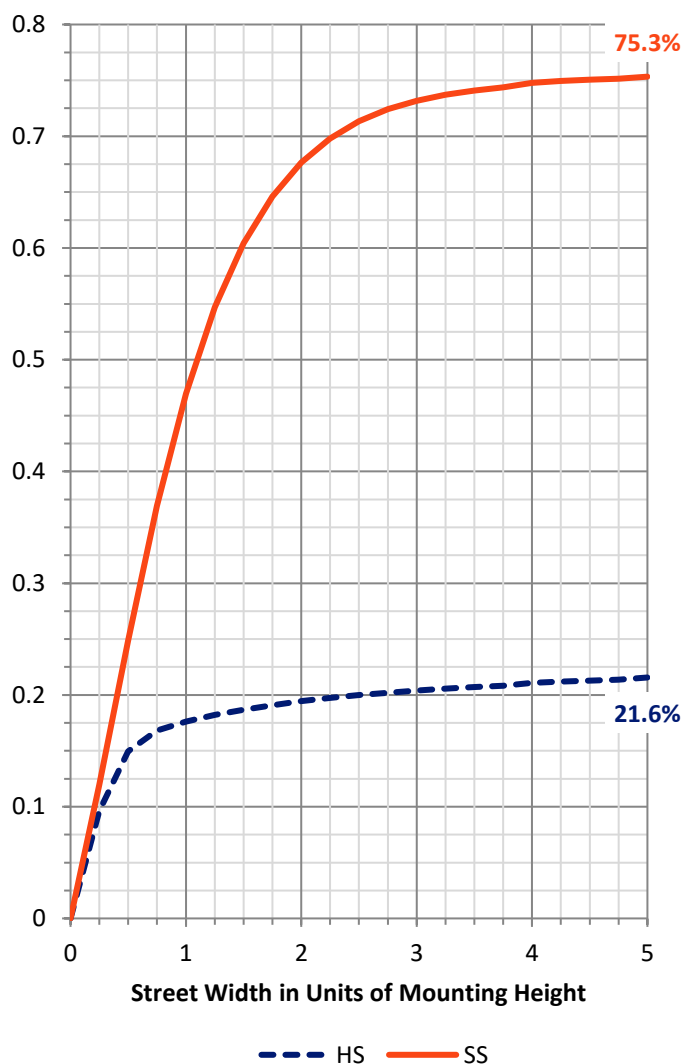
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2692.1 | 73.0 | 2765.1 |
| | % Fixture | 22.8 | 0.6 | 23.4 |
| Street Side | Lumens | 8949.8 | 94.2 | 9044.0 |
| | % Fixture | 75.8 | 0.8 | 76.6 |
| Total | Lumens | 11641.9 | 167.2 | 11809.0 |
| | % Fixture | 98.6 | 1.4 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 176.6 | 1.5 |
| 10°-20° | 549.8 | 4.7 |
| 20°-30° | 953.8 | 8.1 |
| 30°-40° | 1384.1 | 11.7 |
| 40°-50° | 1857.5 | 15.7 |
| 50°-60° | 2245.9 | 19.0 |
| 60°-70° | 2417.6 | 20.5 |
| 70°-80° | 1660.4 | 14.1 |
| 80°-90° | 396.2 | 3.4 |
| 90°-100° | 143.4 | 1.2 |
| 100°-110° | 18.0 | 0.2 |
| 110°-120° | 1.3 | 0.0 |
| 120°-130° | 1.3 | 0.0 |
| 130°-140° | 1.1 | 0.0 |
| 140°-150° | 0.9 | 0.0 |
| 150°-160° | 0.7 | 0.0 |
| 160°-170° | 0.4 | 0.0 |
| 170°-180° | 0.1 | 0.0 |
| 0°-90° | 11641.9 | 98.6 |
| 0°-180° | 11809.0 | 100.0 |

Coefficient of Utilization

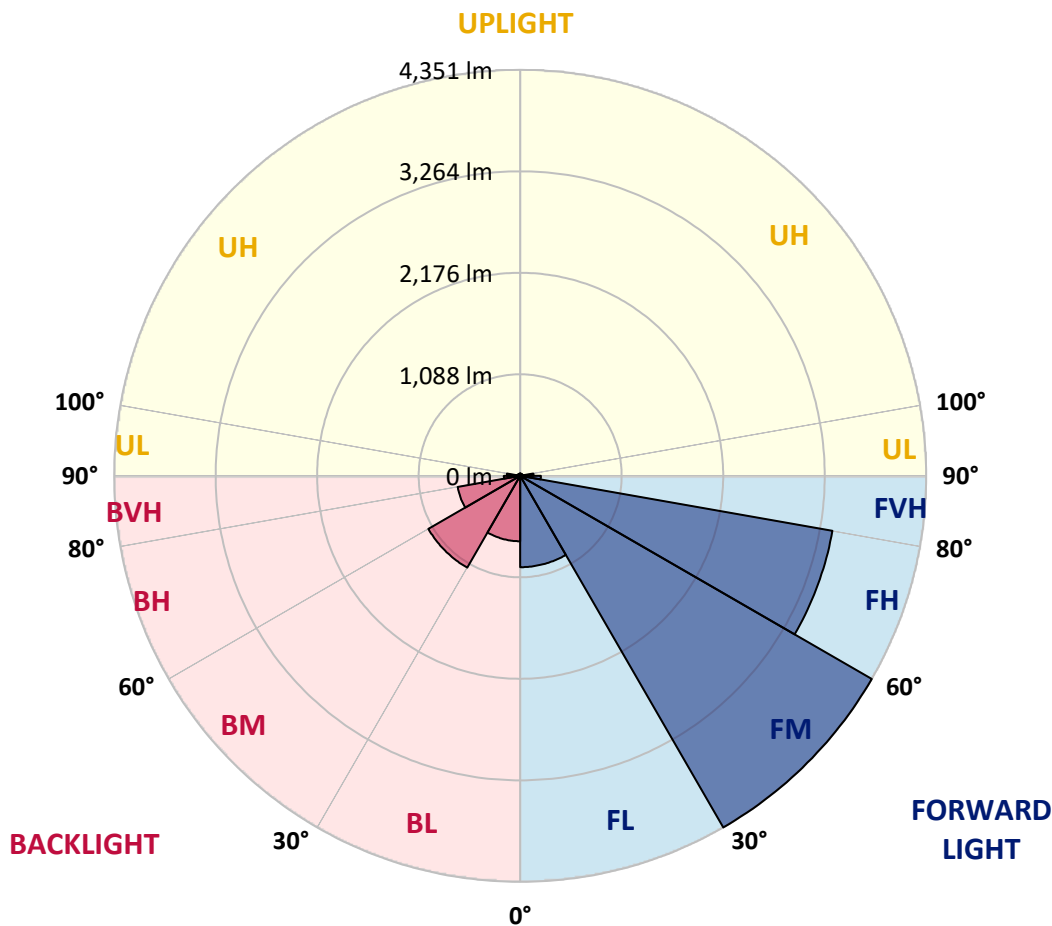


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 979.1 | 8.3 | | | |
| FM (30°-60°) | 4351.3 | 36.8 | | | |
| FH (60°-80°) | 3397.7 | 28.8 | | | G2/5000 |
| FVH (80°-90°) | 221.6 | 1.9 | | | G2/225 |
| BL (0°-30°) | 701.1 | 5.9 | B2/1000 | | |
| BM (30°-60°) | 1136.2 | 9.6 | B2/2500 | | |
| BH (60°-80°) | 680.3 | 5.8 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 174.5 | 1.5 | | | G2/225 |
| UL (90°-100°) | 143.4 | 1.2 | | U3/500 | |
| UH (100°-180°) | 23.8 | 0.2 | | U2/50 | |

BUG Rating: B2-U3-G2
 Type III Medium





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 64° | 65° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 |
| 2.5° | 1756.8 | 1756.8 | 1752.9 | 1752.9 | 1756.8 | 1760.7 | 1756.8 | 1752.9 | 1756.8 | 1760.7 | 1772.3 |
| 5° | 1826.4 | 1822.6 | 1818.7 | 1803.2 | 1787.7 | 1776.1 | 1768.4 | 1764.5 | 1768.4 | 1783.9 | 1811.0 |
| 7.5° | 1872.9 | 1869.0 | 1869.0 | 1865.1 | 1849.7 | 1818.7 | 1799.4 | 1795.5 | 1795.5 | 1799.4 | 1834.2 |
| 10° | 1969.6 | 1961.9 | 1946.4 | 1919.3 | 1903.8 | 1865.1 | 1830.3 | 1822.6 | 1822.6 | 1830.3 | 1872.9 |
| 12.5° | 2074.1 | 2058.6 | 2062.5 | 2031.5 | 1985.1 | 1942.5 | 1892.2 | 1872.9 | 1865.1 | 1872.9 | 1896.1 |
| 15° | 2217.3 | 2205.7 | 2174.7 | 2139.9 | 2093.4 | 2035.4 | 1973.5 | 1942.5 | 1938.7 | 1950.3 | 1930.9 |
| 17.5° | 2321.7 | 2306.3 | 2310.1 | 2259.8 | 2221.1 | 2143.7 | 2085.7 | 2027.7 | 2027.7 | 2043.1 | 1992.8 |
| 20° | 2430.1 | 2422.4 | 2434.0 | 2422.4 | 2364.3 | 2294.7 | 2209.5 | 2139.9 | 2128.3 | 2136.0 | 2062.5 |
| 22.5° | 2569.4 | 2557.8 | 2557.8 | 2561.7 | 2515.2 | 2445.6 | 2345.0 | 2275.3 | 2271.4 | 2240.5 | 2139.9 |
| 25° | 2712.6 | 2701.0 | 2697.1 | 2704.8 | 2697.1 | 2615.8 | 2511.4 | 2441.7 | 2430.1 | 2387.5 | 2244.4 |
| 27.5° | 2848.0 | 2848.0 | 2851.9 | 2859.6 | 2871.2 | 2805.4 | 2704.8 | 2627.4 | 2627.4 | 2581.0 | 2383.7 |
| 30° | 2948.6 | 2948.6 | 2983.4 | 2998.9 | 3010.5 | 2995.1 | 2886.7 | 2813.2 | 2820.9 | 2759.0 | 2542.3 |
| 32.5° | 3041.5 | 3045.4 | 3084.1 | 3122.7 | 3134.4 | 3146.0 | 3053.1 | 3006.7 | 3006.7 | 2948.6 | 2712.6 |
| 35° | 3134.4 | 3134.4 | 3188.5 | 3265.9 | 3304.6 | 3293.0 | 3250.4 | 3235.0 | 3238.8 | 3227.2 | 2964.1 |
| 37.5° | 3207.9 | 3215.6 | 3296.9 | 3393.6 | 3447.8 | 3467.1 | 3443.9 | 3494.2 | 3540.7 | 3575.5 | 3293.0 |
| 40° | 3281.4 | 3281.4 | 3358.8 | 3463.3 | 3560.0 | 3614.2 | 3645.1 | 3834.8 | 3869.6 | 3881.2 | 3478.8 |
| 42.5° | 3204.0 | 3223.4 | 3385.9 | 3540.7 | 3664.5 | 3757.4 | 3896.7 | 4179.1 | 4221.7 | 4090.1 | 3730.3 |
| 45° | 3130.5 | 3153.7 | 3316.2 | 3575.5 | 3753.5 | 3939.2 | 4179.1 | 4465.5 | 4500.3 | 4303.0 | 3881.2 |
| 47.5° | 3057.0 | 3084.1 | 3262.1 | 3544.5 | 3834.8 | 4140.4 | 4399.7 | 4717.0 | 4732.5 | 4477.1 | 4051.4 |
| 50° | 2979.6 | 3006.7 | 3196.3 | 3509.7 | 3885.1 | 4345.5 | 4620.3 | 4945.3 | 4945.3 | 4631.9 | 4152.1 |
| 52.5° | 2882.8 | 2913.8 | 3107.3 | 3455.5 | 3923.8 | 4484.8 | 4821.5 | 5111.7 | 5080.8 | 4817.6 | 4264.3 |
| 55° | 2759.0 | 2801.6 | 3006.7 | 3378.1 | 3939.2 | 4558.4 | 4949.2 | 5274.2 | 5266.5 | 5045.9 | 4407.4 |
| 57.5° | 2627.4 | 2662.3 | 2882.8 | 3277.5 | 3923.8 | 4608.7 | 5084.6 | 5556.7 | 5568.3 | 5243.3 | 4519.7 |
| 60° | 2480.4 | 2503.6 | 2716.4 | 3138.2 | 3823.1 | 4697.7 | 5390.3 | 5858.5 | 5874.0 | 5425.1 | 4562.2 |
| 62.5° | 2286.9 | 2302.4 | 2503.6 | 2948.6 | 3687.7 | 4755.7 | 5610.9 | 6133.3 | 6125.5 | 5587.7 | 4570.0 |
| 65° | 2043.1 | 2062.5 | 2252.1 | 2697.1 | 3486.5 | 4717.0 | 5665.1 | 6253.2 | 6261.0 | 5665.1 | 4558.4 |
| 67.5° | 1807.1 | 1818.7 | 1977.4 | 2364.3 | 3161.4 | 4531.3 | 5610.9 | 6322.9 | 6357.7 | 5730.8 | 4446.1 |
| 70° | 1493.7 | 1497.5 | 1636.8 | 1981.2 | 2712.6 | 4175.3 | 5502.5 | 6365.5 | 6346.1 | 5653.5 | 4252.7 |
| 72.5° | 1149.3 | 1153.1 | 1257.6 | 1516.9 | 2108.9 | 3556.1 | 5119.5 | 6005.6 | 5970.8 | 5227.8 | 3834.8 |
| 75° | 816.5 | 832.0 | 893.9 | 1064.1 | 1412.4 | 2596.5 | 4380.4 | 5316.8 | 5340.0 | 4651.2 | 3196.3 |
| 77.5° | 464.3 | 479.8 | 530.1 | 665.6 | 812.6 | 1455.0 | 3308.5 | 4434.5 | 4450.0 | 3912.1 | 2453.3 |
| 80° | 201.2 | 205.1 | 224.4 | 317.3 | 433.4 | 696.5 | 1694.9 | 3107.3 | 3331.7 | 2658.4 | 1400.8 |
| 82.5° | 170.3 | 170.3 | 178.0 | 185.7 | 189.6 | 317.3 | 657.8 | 963.5 | 994.5 | 785.5 | 456.6 |
| 85° | 147.0 | 147.0 | 154.8 | 162.5 | 166.4 | 216.7 | 398.6 | 483.7 | 503.0 | 448.9 | 321.2 |
| 87.5° | 116.1 | 116.1 | 127.7 | 135.4 | 135.4 | 178.0 | 298.0 | 359.9 | 371.5 | 359.9 | 286.3 |
| 90° | 104.5 | 104.5 | 100.6 | 100.6 | 104.5 | 127.7 | 232.2 | 301.8 | 313.4 | 383.1 | 328.9 |
| 92.5° | 89.0 | 92.9 | 92.9 | 92.9 | 81.3 | 92.9 | 166.4 | 267.0 | 290.2 | 379.2 | 298.0 |
| 95° | 89.0 | 85.1 | 85.1 | 81.3 | 77.4 | 81.3 | 123.8 | 232.2 | 259.3 | 328.9 | 251.5 |
| 97.5° | 61.9 | 58.0 | 61.9 | 65.8 | 69.7 | 73.5 | 104.5 | 170.3 | 189.6 | 255.4 | 185.7 |
| 100° | 38.7 | 38.7 | 38.7 | 38.7 | 46.4 | 50.3 | 85.1 | 104.5 | 116.1 | 162.5 | 123.8 |
| 102.5° | 23.2 | 19.3 | 19.3 | 19.3 | 23.2 | 31.0 | 42.6 | 58.0 | 61.9 | 92.9 | 73.5 |
| 105° | 7.7 | 7.7 | 7.7 | 7.7 | 11.6 | 15.5 | 15.5 | 23.2 | 23.2 | 31.0 | 31.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 64° | 65° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 0.0 | 3.9 | 3.9 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 | 3.9 | 3.9 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 | 3.9 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 | 3.9 | 3.9 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 | 3.9 | 3.9 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 | 3.9 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 | 3.9 | 3.9 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 | 3.9 | 3.9 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 | 3.9 | 3.9 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 | 3.9 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 | 3.9 | 3.9 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 0.0 | 3.9 | 3.9 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 3.9 | 3.9 | 3.9 |
| 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° | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 | 1772.3 |
| 2.5° | 1780.0 | 1787.7 | 1803.2 | 1822.6 | 1845.8 | 1865.1 | 1880.6 | 1884.5 | 1892.2 | 1892.2 | 1900.0 |
| 5° | 1818.7 | 1834.2 | 1857.4 | 1884.5 | 1896.1 | 1888.4 | 1888.4 | 1892.2 | 1900.0 | 1919.3 | 1927.1 |
| 7.5° | 1861.3 | 1872.9 | 1872.9 | 1884.5 | 1907.7 | 1900.0 | 1896.1 | 1892.2 | 1892.2 | 1884.5 | 1896.1 |
| 10° | 1876.7 | 1861.3 | 1880.6 | 1876.7 | 1869.0 | 1884.5 | 1888.4 | 1865.1 | 1869.0 | 1869.0 | 1872.9 |
| 12.5° | 1880.6 | 1880.6 | 1865.1 | 1865.1 | 1865.1 | 1830.3 | 1822.6 | 1841.9 | 1822.6 | 1830.3 | 1826.4 |
| 15° | 1923.2 | 1892.2 | 1872.9 | 1849.7 | 1818.7 | 1807.1 | 1780.0 | 1749.0 | 1749.0 | 1756.8 | 1756.8 |
| 17.5° | 1954.1 | 1923.2 | 1865.1 | 1803.2 | 1791.6 | 1737.4 | 1718.1 | 1710.4 | 1706.5 | 1710.4 | 1718.1 |
| 20° | 2000.6 | 1954.1 | 1857.4 | 1795.5 | 1694.9 | 1675.5 | 1640.7 | 1636.8 | 1629.1 | 1602.0 | 1594.3 |
| 22.5° | 2062.5 | 1989.0 | 1853.5 | 1729.7 | 1648.4 | 1582.7 | 1520.7 | 1482.0 | 1478.2 | 1458.8 | 1447.2 |
| 25° | 2132.1 | 2058.6 | 1869.0 | 1698.7 | 1563.3 | 1466.6 | 1416.3 | 1327.3 | 1284.7 | 1300.2 | 1292.4 |
| 27.5° | 2275.3 | 2139.9 | 1896.1 | 1656.2 | 1493.7 | 1342.7 | 1226.7 | 1172.5 | 1118.3 | 1118.3 | 1126.0 |
| 30° | 2406.9 | 2244.4 | 1896.1 | 1617.5 | 1377.6 | 1195.7 | 1044.8 | 959.7 | 936.4 | 921.0 | 913.2 |
| 32.5° | 2604.2 | 2375.9 | 1977.4 | 1563.3 | 1269.2 | 1006.1 | 835.8 | 735.2 | 739.1 | 754.6 | 750.7 |
| 35° | 2832.5 | 2584.9 | 2000.6 | 1485.9 | 1110.6 | 816.5 | 646.2 | 592.0 | 623.0 | 630.7 | 630.7 |
| 37.5° | 3107.3 | 2840.3 | 2105.1 | 1424.0 | 944.2 | 603.7 | 510.8 | 487.6 | 514.7 | 510.8 | 526.3 |
| 40° | 3258.2 | 2964.1 | 2194.1 | 1346.6 | 723.6 | 445.0 | 394.7 | 379.2 | 421.8 | 456.6 | 464.3 |
| 42.5° | 3471.0 | 3111.1 | 2279.2 | 1199.6 | 491.4 | 325.0 | 301.8 | 352.1 | 414.0 | 452.7 | 456.6 |
| 45° | 3587.1 | 3196.3 | 2244.4 | 1017.7 | 313.4 | 263.1 | 294.1 | 356.0 | 421.8 | 460.5 | 464.3 |
| 47.5° | 3726.4 | 3308.5 | 2182.4 | 793.3 | 251.5 | 259.3 | 298.0 | 363.7 | 433.4 | 468.2 | 468.2 |
| 50° | 3865.7 | 3420.7 | 2031.5 | 623.0 | 236.0 | 255.4 | 305.7 | 367.6 | 429.5 | 452.7 | 452.7 |
| 52.5° | 3947.0 | 3517.4 | 1853.5 | 452.7 | 232.2 | 255.4 | 309.6 | 371.5 | 425.7 | 437.3 | 437.3 |
| 55° | 4020.5 | 3525.2 | 1698.7 | 336.7 | 228.3 | 259.3 | 313.4 | 379.2 | 429.5 | 441.1 | 437.3 |
| 57.5° | 4063.1 | 3474.9 | 1590.4 | 290.2 | 224.4 | 259.3 | 317.3 | 387.0 | 460.5 | 487.6 | 479.8 |
| 60° | 4039.8 | 3397.5 | 1509.1 | 270.9 | 220.6 | 259.3 | 321.2 | 410.2 | 584.3 | 630.7 | 615.3 |
| 62.5° | 4001.1 | 3343.3 | 1338.9 | 247.7 | 212.8 | 259.3 | 325.0 | 464.3 | 650.1 | 673.3 | 654.0 |
| 65° | 3950.8 | 3184.7 | 1145.4 | 224.4 | 205.1 | 255.4 | 328.9 | 503.0 | 619.1 | 619.1 | 615.3 |
| 67.5° | 3741.9 | 2971.8 | 855.2 | 201.2 | 193.5 | 255.4 | 336.7 | 495.3 | 595.9 | 646.2 | 646.2 |
| 70° | 3463.3 | 2615.8 | 565.0 | 178.0 | 181.9 | 247.7 | 352.1 | 503.0 | 615.3 | 684.9 | 677.2 |
| 72.5° | 2933.1 | 2170.8 | 313.4 | 154.8 | 166.4 | 243.8 | 352.1 | 534.0 | 665.6 | 743.0 | 731.4 |
| 75° | 2395.3 | 1605.9 | 224.4 | 139.3 | 150.9 | 236.0 | 356.0 | 553.3 | 712.0 | 793.3 | 773.9 |
| 77.5° | 1687.1 | 921.0 | 178.0 | 120.0 | 135.4 | 224.4 | 352.1 | 545.6 | 735.2 | 808.7 | 785.5 |
| 80° | 712.0 | 332.8 | 147.0 | 108.3 | 116.1 | 201.2 | 325.0 | 522.4 | 735.2 | 855.2 | 843.6 |
| 82.5° | 321.2 | 236.0 | 127.7 | 96.7 | 108.3 | 166.4 | 301.8 | 503.0 | 712.0 | 859.0 | 928.7 |
| 85° | 251.5 | 193.5 | 108.3 | 85.1 | 96.7 | 158.7 | 270.9 | 479.8 | 681.0 | 793.3 | 870.7 |
| 87.5° | 239.9 | 193.5 | 96.7 | 77.4 | 89.0 | 135.4 | 209.0 | 445.0 | 611.4 | 731.4 | 793.3 |
| 90° | 259.3 | 201.2 | 77.4 | 65.8 | 81.3 | 120.0 | 170.3 | 375.3 | 530.1 | 642.4 | 642.4 |
| 92.5° | 239.9 | 185.7 | 58.0 | 50.3 | 85.1 | 96.7 | 162.5 | 232.2 | 383.1 | 321.2 | 398.6 |
| 95° | 201.2 | 154.8 | 38.7 | 34.8 | 81.3 | 81.3 | 89.0 | 108.3 | 267.0 | 7.7 | 0.0 |
| 97.5° | 147.0 | 112.2 | 23.2 | 19.3 | 61.9 | 65.8 | 42.6 | 50.3 | 108.3 | 0.0 | 0.0 |
| 100° | 108.3 | 73.5 | 15.5 | 15.5 | 38.7 | 54.2 | 27.1 | 27.1 | 0.0 | 0.0 | 0.0 |
| 102.5° | 58.0 | 38.7 | 11.6 | 7.7 | 19.3 | 31.0 | 11.6 | 7.7 | 0.0 | 0.0 | 0.0 |
| 105° | 31.0 | 15.5 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 7.7 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 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° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 3.9 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 3.9 | 3.9 | 3.9 | 3.9 | 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)