

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: P970795

Luminaire Tested: **NVN-SB6C-722-U-SLR-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P970795
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SB6C-722-U-SLR-HSS
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29347.8 lumens
Efficiency: N/A
Efficacy: 97.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

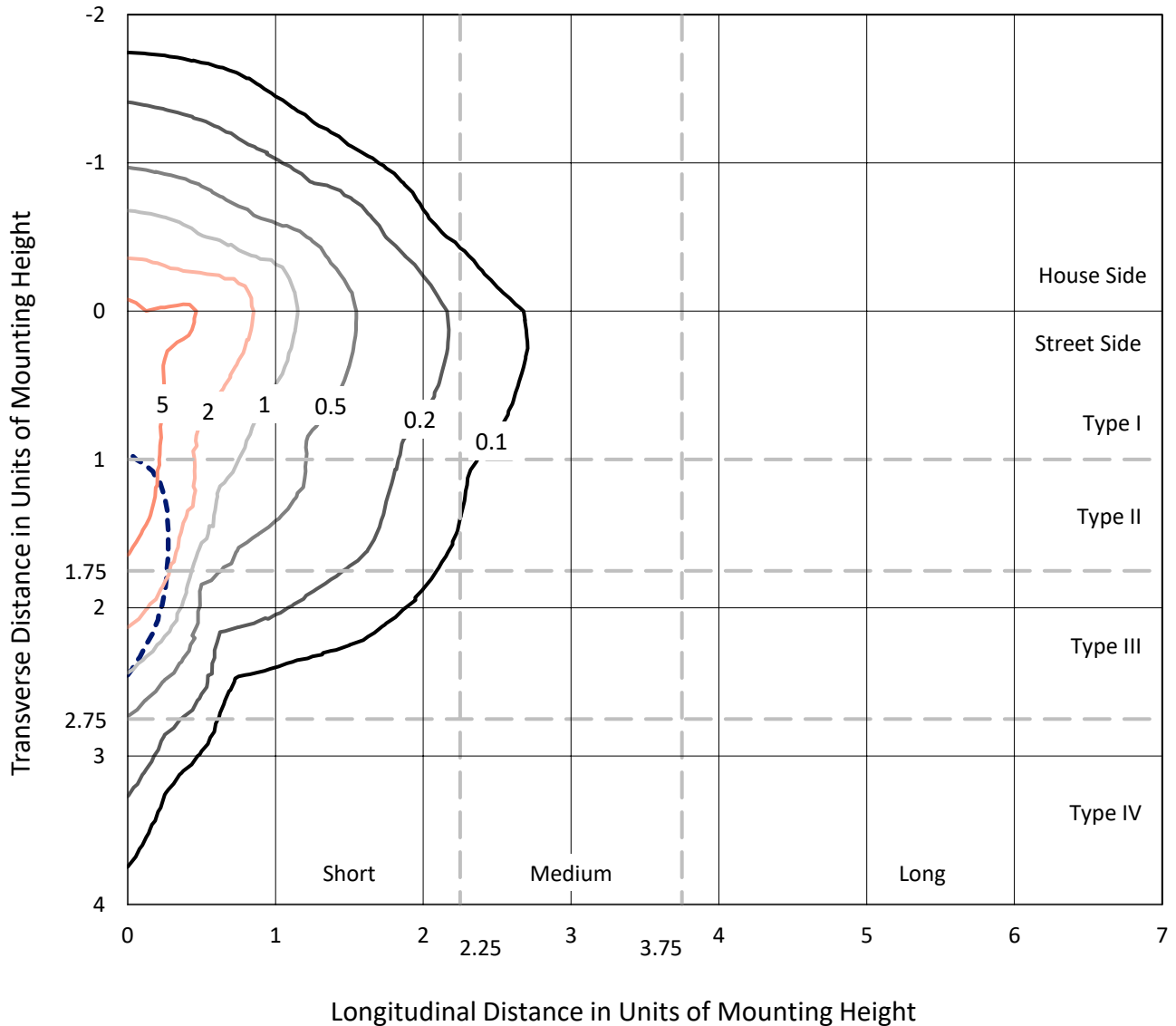
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

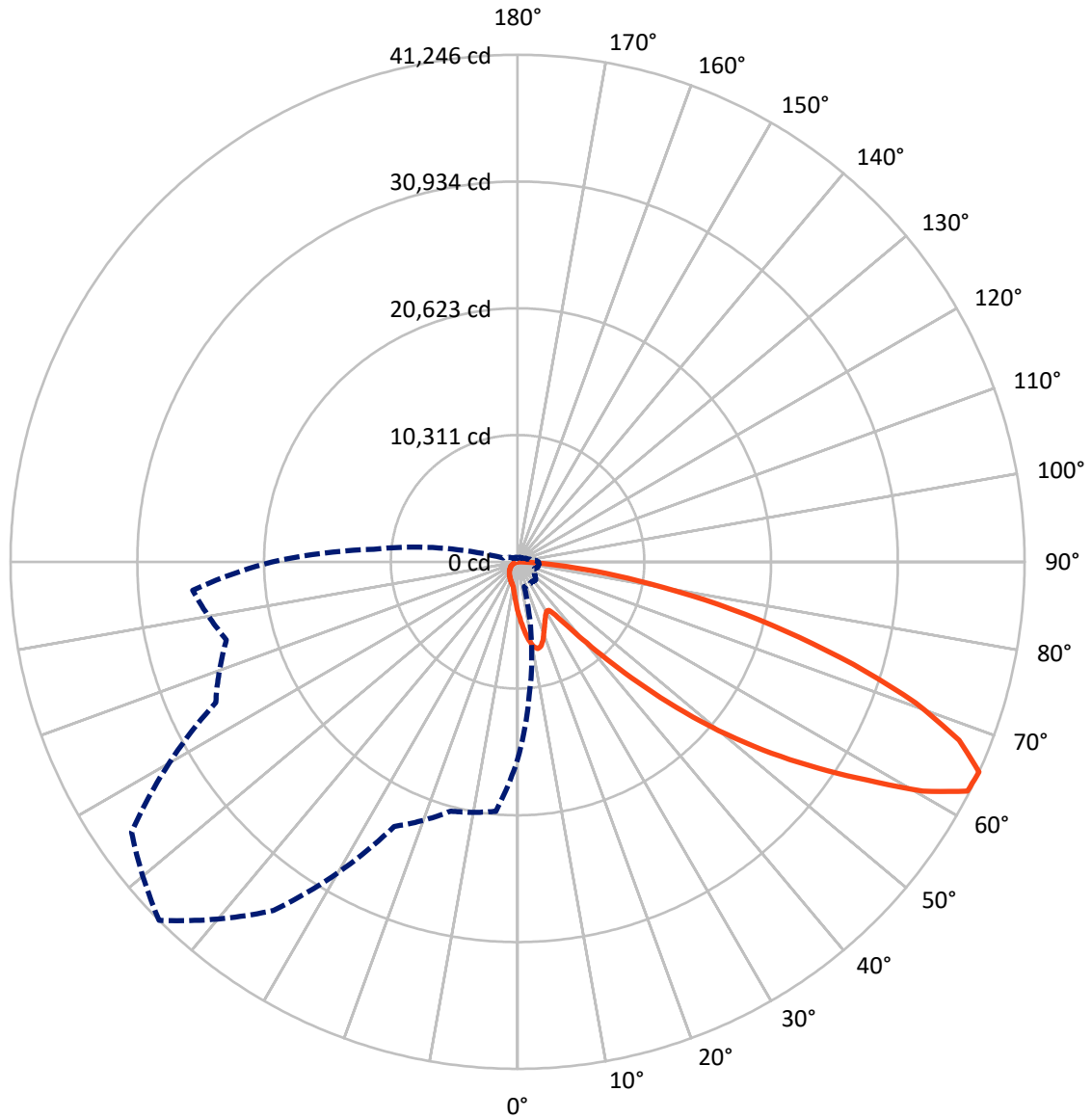
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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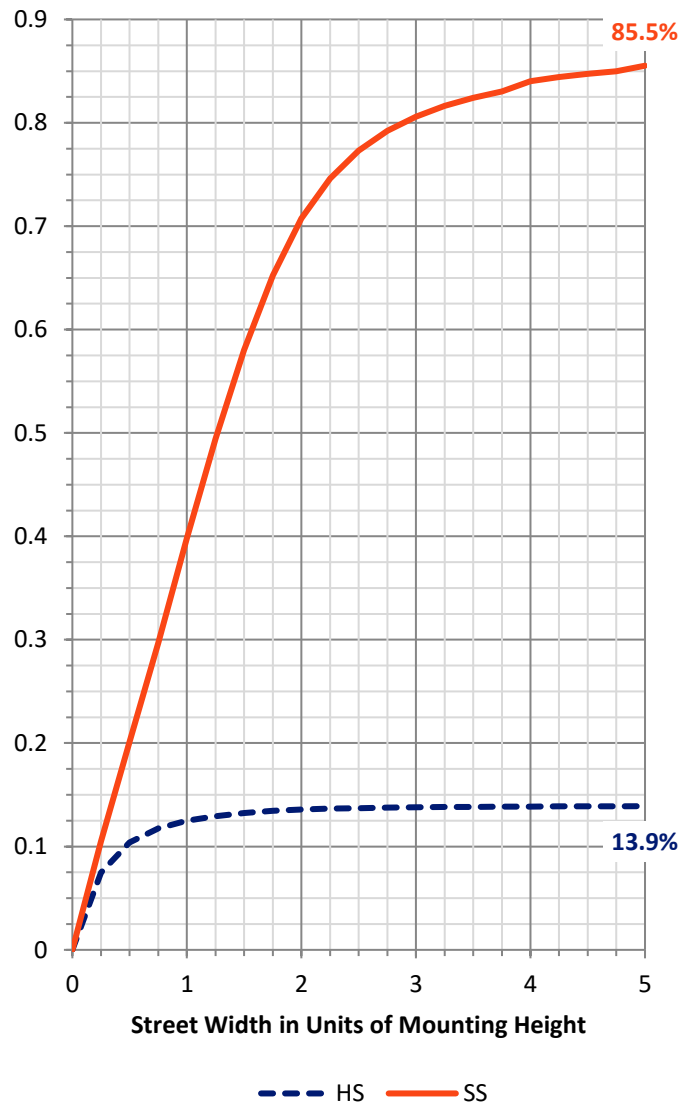
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 4109.9 | 0.0 | 4109.9 |
| | % Fixture | 14.0 | 0.0 | 14.0 |
| Street Side | Lumens | 25237.9 | 0.0 | 25237.9 |
| | % Fixture | 86.0 | 0.0 | 86.0 |
| Total | Lumens | 29347.8 | 0.0 | 29347.8 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 400.1 | 1.4 |
| 10°-20° | 1199.3 | 4.1 |
| 20°-30° | 1766.9 | 6.0 |
| 30°-40° | 2270.0 | 7.7 |
| 40°-50° | 3671.2 | 12.5 |
| 50°-60° | 6437.8 | 21.9 |
| 60°-70° | 8055.4 | 27.4 |
| 70°-80° | 4707.2 | 16.0 |
| 80°-90° | 839.8 | 2.9 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 29347.8 | 100.0 |
| 0°-180° | 29347.8 | 100.0 |

Coefficient of Utilization

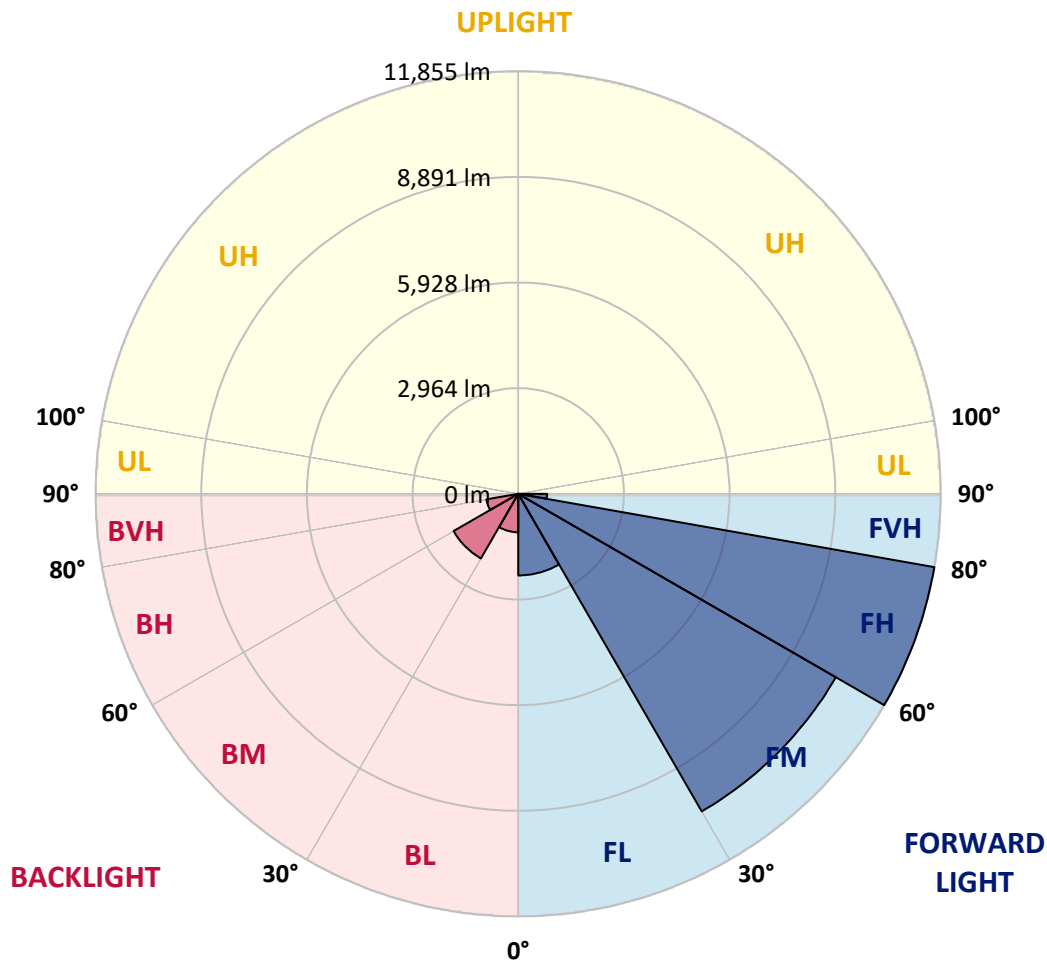


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 2289.0 | 7.8 | | | |
| FM (30°-60°) | 10286.1 | 35.0 | | | |
| FH (60°-80°) | 11855.2 | 40.4 | | | G4/12000 |
| FVH (80°-90°) | 807.6 | 2.8 | | | G5 |
| BL (0°-30°) | 1077.3 | 3.7 | B3/2500 | | |
| BM (30°-60°) | 2092.9 | 7.1 | B2/2500 | | |
| BH (60°-80°) | 907.5 | 3.1 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 32.3 | 0.1 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G5
 Type IV Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 |
| 2.5° | 4591.4 | 4512.6 | 4466.0 | 4350.8 | 4235.6 | 4142.5 | 4017.2 | 3934.4 | 3835.2 | 3740.2 | 3655.4 |
| 5° | 5117.1 | 4989.7 | 4836.1 | 4625.8 | 4433.7 | 4237.6 | 4047.5 | 3859.5 | 3661.4 | 3479.5 | 3368.3 |
| 7.5° | 5561.9 | 5377.9 | 5107.0 | 4828.0 | 4583.3 | 4346.8 | 4124.4 | 3875.7 | 3635.2 | 3350.0 | 3198.4 |
| 10° | 5901.5 | 5667.0 | 5311.1 | 4945.2 | 4664.2 | 4425.6 | 4209.3 | 3999.0 | 3756.4 | 3412.7 | 3222.7 |
| 12.5° | 6107.8 | 5857.1 | 5434.4 | 5005.9 | 4684.5 | 4417.5 | 4249.8 | 4156.7 | 4061.7 | 3720.0 | 3497.6 |
| 15° | 6259.4 | 5988.5 | 5521.4 | 5048.3 | 4637.9 | 4310.4 | 4187.0 | 4280.1 | 4389.3 | 4170.9 | 3914.2 |
| 17.5° | 6417.0 | 6132.0 | 5634.6 | 5066.5 | 4512.6 | 4102.2 | 4049.6 | 4290.1 | 4542.9 | 4532.8 | 4278.0 |
| 20° | 6566.7 | 6283.7 | 5733.7 | 5054.4 | 4310.4 | 3849.4 | 3895.9 | 4203.2 | 4496.4 | 4619.7 | 4482.2 |
| 22.5° | 6738.6 | 6439.3 | 5828.8 | 5007.8 | 4047.5 | 3612.9 | 3758.5 | 4065.8 | 4322.5 | 4468.1 | 4425.6 |
| 25° | 6948.8 | 6635.4 | 5962.1 | 4939.2 | 3764.5 | 3416.7 | 3619.0 | 3906.1 | 4114.2 | 4215.3 | 4213.4 |
| 27.5° | 7175.2 | 6870.0 | 6140.1 | 4902.8 | 3536.0 | 3277.2 | 3461.2 | 3716.0 | 3902.0 | 3972.8 | 3972.8 |
| 30° | 7456.3 | 7142.9 | 6350.4 | 4862.3 | 3386.4 | 3196.4 | 3297.5 | 3495.7 | 3677.6 | 3748.3 | 3748.3 |
| 32.5° | 7763.6 | 7446.1 | 6552.5 | 4765.3 | 3295.5 | 3135.8 | 3137.7 | 3263.1 | 3428.9 | 3513.8 | 3525.9 |
| 35° | 8147.7 | 7810.1 | 6768.8 | 4552.9 | 3222.7 | 3065.0 | 2982.1 | 3042.7 | 3180.3 | 3281.3 | 3307.6 |
| 37.5° | 8695.6 | 8287.2 | 7033.7 | 4249.8 | 3115.5 | 2955.8 | 2818.3 | 2832.5 | 2937.6 | 3048.8 | 3089.2 |
| 40° | 9451.7 | 8928.1 | 7345.0 | 3934.4 | 2961.8 | 2802.1 | 2638.4 | 2632.3 | 2709.2 | 2818.3 | 2862.8 |
| 42.5° | 10474.7 | 9775.2 | 7719.1 | 3633.1 | 2814.2 | 2616.1 | 2448.3 | 2438.3 | 2498.8 | 2593.9 | 2640.4 |
| 45° | 11825.2 | 10858.8 | 8178.0 | 3374.3 | 2699.0 | 2434.2 | 2268.4 | 2264.3 | 2315.0 | 2397.8 | 2446.4 |
| 47.5° | 13553.9 | 12365.1 | 8637.0 | 3198.4 | 2638.4 | 2290.7 | 2120.8 | 2128.9 | 2173.4 | 2248.2 | 2282.6 |
| 50° | 15792.0 | 14328.2 | 8776.5 | 3109.4 | 2638.4 | 2213.8 | 1989.4 | 2029.8 | 2066.2 | 2122.9 | 2143.1 |
| 52.5° | 18474.8 | 16212.4 | 8315.5 | 3028.6 | 2654.5 | 2223.9 | 1878.2 | 1965.1 | 1991.5 | 2040.0 | 2048.1 |
| 55° | 20961.6 | 17136.4 | 7149.0 | 2917.4 | 2658.6 | 2286.6 | 1783.2 | 1912.5 | 1961.1 | 1979.3 | 1977.3 |
| 57.5° | 22405.1 | 16819.0 | 5780.2 | 2729.4 | 2642.4 | 2329.1 | 1722.5 | 1847.9 | 1940.8 | 1953.0 | 1934.8 |
| 60° | 22130.2 | 15705.0 | 4255.8 | 2585.9 | 2523.1 | 2312.9 | 1704.4 | 1748.9 | 1896.5 | 1914.6 | 1890.3 |
| 62.5° | 20011.4 | 13836.9 | 2953.7 | 2474.7 | 2260.3 | 2242.1 | 1698.3 | 1593.2 | 1799.4 | 1843.9 | 1809.4 |
| 65° | 16085.1 | 10893.2 | 2086.5 | 2131.0 | 1981.3 | 2088.4 | 1665.9 | 1431.4 | 1682.1 | 1742.7 | 1690.2 |
| 67.5° | 11669.6 | 7371.3 | 1506.2 | 1726.6 | 1795.3 | 1839.8 | 1593.2 | 1314.2 | 1548.7 | 1629.5 | 1560.8 |
| 70° | 7488.5 | 3980.8 | 1057.4 | 1140.3 | 1512.3 | 1562.8 | 1467.8 | 1209.0 | 1413.2 | 1506.2 | 1431.4 |
| 72.5° | 5323.2 | 2351.4 | 760.1 | 798.6 | 1215.0 | 1302.1 | 1291.9 | 1091.7 | 1255.5 | 1368.7 | 1279.8 |
| 75° | 3673.5 | 1295.9 | 513.5 | 570.1 | 881.5 | 1057.4 | 996.7 | 938.1 | 1063.4 | 1178.6 | 1091.7 |
| 77.5° | 2302.8 | 580.3 | 307.3 | 396.3 | 578.2 | 831.0 | 683.4 | 725.8 | 828.9 | 936.0 | 845.1 |
| 80° | 1281.8 | 224.4 | 171.9 | 262.8 | 315.4 | 604.5 | 378.0 | 467.0 | 610.6 | 687.4 | 614.6 |
| 82.5° | 279.0 | 28.3 | 76.9 | 113.3 | 123.3 | 351.8 | 200.2 | 270.9 | 384.2 | 378.0 | 327.5 |
| 85° | 0.0 | 0.0 | 14.1 | 16.2 | 8.1 | 151.6 | 72.8 | 89.0 | 125.4 | 117.3 | 89.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 0.0 |
| 90° | 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):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 |
| 2.5° | 3639.2 | 3540.1 | 3467.3 | 3430.9 | 3400.6 | 3428.9 | 3445.0 | 3445.0 | 3513.8 | 3554.3 | 3570.4 |
| 5° | 3297.5 | 3119.6 | 2984.1 | 2893.2 | 2838.5 | 2856.8 | 2877.0 | 2899.2 | 2986.1 | 3044.8 | 3083.2 |
| 7.5° | 3061.0 | 2788.0 | 2581.8 | 2454.4 | 2387.7 | 2397.8 | 2411.9 | 2430.2 | 2515.0 | 2573.7 | 2624.2 |
| 10° | 3016.5 | 2624.2 | 2333.1 | 2165.3 | 2084.4 | 2070.3 | 2062.2 | 2056.1 | 2106.7 | 2151.2 | 2191.6 |
| 12.5° | 3198.4 | 2632.3 | 2226.0 | 2021.7 | 1922.7 | 1880.3 | 1831.7 | 1793.3 | 1801.3 | 1829.7 | 1880.3 |
| 15° | 3524.0 | 2735.4 | 2191.6 | 1947.0 | 1823.6 | 1752.9 | 1696.3 | 1649.7 | 1639.7 | 1649.7 | 1657.8 |
| 17.5° | 3895.9 | 2874.9 | 2187.6 | 1882.2 | 1728.6 | 1655.8 | 1609.4 | 1566.8 | 1552.7 | 1554.7 | 1564.9 |
| 20° | 4142.5 | 2986.1 | 2175.5 | 1809.4 | 1637.6 | 1573.0 | 1532.5 | 1490.0 | 1475.9 | 1479.9 | 1481.9 |
| 22.5° | 4166.8 | 3044.8 | 2157.2 | 1728.6 | 1546.6 | 1492.1 | 1451.6 | 1413.2 | 1411.2 | 1411.2 | 1423.3 |
| 25° | 4035.4 | 3044.8 | 2118.8 | 1655.8 | 1459.7 | 1411.2 | 1374.8 | 1328.3 | 1336.4 | 1340.4 | 1356.6 |
| 27.5° | 3831.2 | 2972.0 | 2046.0 | 1597.2 | 1384.9 | 1334.3 | 1298.0 | 1255.5 | 1265.7 | 1271.7 | 1289.9 |
| 30° | 3629.0 | 2879.0 | 1959.1 | 1530.4 | 1314.2 | 1255.5 | 1229.2 | 1192.8 | 1196.9 | 1205.0 | 1225.2 |
| 32.5° | 3441.0 | 2779.9 | 1856.0 | 1475.9 | 1243.4 | 1184.8 | 1164.5 | 1124.1 | 1130.2 | 1138.3 | 1160.5 |
| 35° | 3255.0 | 2670.7 | 1734.7 | 1411.2 | 1178.6 | 1120.0 | 1103.9 | 1057.4 | 1061.4 | 1073.6 | 1097.8 |
| 37.5° | 3054.9 | 2555.5 | 1635.6 | 1346.4 | 1116.0 | 1055.3 | 1039.1 | 990.7 | 994.7 | 1008.9 | 1037.2 |
| 40° | 2844.6 | 2442.3 | 1538.5 | 1277.8 | 1049.3 | 988.6 | 974.5 | 921.9 | 926.0 | 942.2 | 972.4 |
| 42.5° | 2632.3 | 2319.0 | 1463.8 | 1188.8 | 980.5 | 915.8 | 901.7 | 853.2 | 859.3 | 877.4 | 907.7 |
| 45° | 2436.2 | 2171.4 | 1415.2 | 1089.7 | 915.8 | 843.1 | 828.9 | 784.4 | 796.5 | 816.8 | 847.2 |
| 47.5° | 2268.4 | 2019.8 | 1395.0 | 1006.9 | 847.2 | 768.2 | 756.1 | 719.8 | 739.9 | 762.2 | 786.5 |
| 50° | 2124.8 | 1874.2 | 1368.7 | 921.9 | 782.4 | 703.6 | 691.5 | 667.2 | 693.4 | 715.7 | 737.9 |
| 52.5° | 2021.7 | 1708.4 | 1312.1 | 845.1 | 725.8 | 649.0 | 644.9 | 632.8 | 657.0 | 677.3 | 697.5 |
| 55° | 1932.8 | 1536.6 | 1221.2 | 778.4 | 675.3 | 602.5 | 606.5 | 600.4 | 620.6 | 636.8 | 655.1 |
| 57.5° | 1852.0 | 1386.9 | 1105.9 | 725.8 | 620.6 | 562.0 | 574.2 | 566.1 | 576.2 | 586.3 | 608.5 |
| 60° | 1754.9 | 1235.3 | 968.4 | 667.2 | 556.0 | 521.6 | 535.8 | 513.5 | 511.5 | 515.6 | 521.6 |
| 62.5° | 1611.3 | 1031.0 | 824.9 | 594.4 | 499.4 | 477.1 | 483.2 | 440.7 | 408.4 | 408.4 | 414.5 |
| 65° | 1411.2 | 828.9 | 691.5 | 513.5 | 434.7 | 416.5 | 412.5 | 351.8 | 307.3 | 303.3 | 321.4 |
| 67.5° | 1178.6 | 681.3 | 574.2 | 432.7 | 361.9 | 349.7 | 353.8 | 309.3 | 264.9 | 260.8 | 281.1 |
| 70° | 960.3 | 564.1 | 463.0 | 345.7 | 279.0 | 291.1 | 309.3 | 264.9 | 222.4 | 216.4 | 234.5 |
| 72.5° | 780.4 | 448.8 | 361.9 | 264.9 | 206.2 | 240.6 | 262.8 | 216.4 | 175.9 | 171.9 | 188.0 |
| 75° | 602.5 | 329.5 | 258.8 | 179.9 | 149.6 | 186.0 | 206.2 | 157.7 | 125.4 | 119.3 | 133.5 |
| 77.5° | 402.3 | 204.2 | 145.5 | 113.3 | 89.0 | 127.4 | 137.5 | 82.9 | 72.8 | 70.7 | 80.9 |
| 80° | 244.7 | 95.0 | 62.6 | 54.6 | 30.3 | 46.5 | 54.6 | 34.3 | 38.4 | 40.4 | 48.5 |
| 82.5° | 123.3 | 26.2 | 10.1 | 2.0 | 0.0 | 0.0 | 16.2 | 8.1 | 16.2 | 20.2 | 30.3 |
| 85° | 10.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 10.1 | 18.2 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.1 |
| 90° | 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):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0° | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 |
| 2.5° | 3683.6 | 3768.5 | 3849.4 | 3978.8 | 4112.3 | 4243.7 | 4377.1 | 4506.5 | 4552.9 | 4587.4 | 4664.2 |
| 5° | 3259.1 | 3418.8 | 3604.8 | 3861.6 | 4136.5 | 4419.6 | 4706.7 | 4969.5 | 5088.7 | 5169.6 | 5351.6 |
| 7.5° | 2820.4 | 3028.6 | 3295.5 | 3681.6 | 4112.3 | 4563.1 | 5014.0 | 5428.4 | 5620.5 | 5776.2 | 6053.1 |
| 10° | 2385.7 | 2612.1 | 2949.7 | 3390.5 | 3972.8 | 4619.7 | 5242.5 | 5812.6 | 6061.2 | 6257.3 | 6633.4 |
| 12.5° | 2003.6 | 2215.8 | 2569.7 | 3056.9 | 3754.4 | 4575.2 | 5373.9 | 6059.2 | 6352.3 | 6572.7 | 6985.2 |
| 15° | 1734.7 | 1884.3 | 2197.6 | 2723.3 | 3495.7 | 4431.7 | 5382.0 | 6176.4 | 6497.9 | 6728.4 | 7086.2 |
| 17.5° | 1585.1 | 1635.6 | 1839.8 | 2383.6 | 3208.6 | 4243.7 | 5307.1 | 6216.9 | 6560.6 | 6774.9 | 7023.6 |
| 20° | 1504.2 | 1512.3 | 1568.9 | 1942.9 | 2840.6 | 4067.8 | 5236.3 | 6257.3 | 6619.2 | 6799.1 | 6874.0 |
| 22.5° | 1439.5 | 1439.5 | 1453.7 | 1589.1 | 2365.5 | 3857.5 | 5214.1 | 6328.1 | 6700.1 | 6811.3 | 6657.7 |
| 25° | 1380.9 | 1380.9 | 1384.9 | 1421.3 | 1874.2 | 3536.0 | 5199.9 | 6437.3 | 6811.3 | 6841.7 | 6419.1 |
| 27.5° | 1320.2 | 1322.2 | 1322.2 | 1342.4 | 1510.2 | 3099.4 | 5139.3 | 6578.8 | 6944.8 | 6882.1 | 6190.6 |
| 30° | 1259.5 | 1263.6 | 1263.6 | 1277.8 | 1336.4 | 2587.8 | 5020.0 | 6748.6 | 7118.6 | 6934.6 | 5964.2 |
| 32.5° | 1198.9 | 1202.9 | 1202.9 | 1215.0 | 1257.6 | 2066.2 | 4870.4 | 6904.3 | 7294.5 | 6956.9 | 5753.9 |
| 35° | 1136.2 | 1142.3 | 1138.3 | 1154.5 | 1198.9 | 1643.7 | 4680.4 | 7060.0 | 7484.6 | 7027.6 | 5650.8 |
| 37.5° | 1073.6 | 1077.6 | 1075.5 | 1091.7 | 1142.3 | 1419.3 | 4460.0 | 7177.3 | 7743.4 | 7185.4 | 5774.1 |
| 40° | 1010.9 | 1008.9 | 1008.9 | 1027.0 | 1081.7 | 1354.5 | 4183.0 | 7363.2 | 8115.3 | 7462.3 | 6312.0 |
| 42.5° | 946.2 | 946.2 | 942.2 | 962.4 | 1029.1 | 1306.1 | 3918.2 | 7696.8 | 8657.2 | 7903.1 | 7266.2 |
| 45° | 887.5 | 885.5 | 877.4 | 895.6 | 978.6 | 1221.2 | 3825.2 | 8319.5 | 9457.8 | 8616.8 | 8420.6 |
| 47.5° | 831.0 | 828.9 | 808.7 | 824.9 | 917.9 | 1144.3 | 4172.9 | 9338.5 | 10567.7 | 9666.1 | 9502.3 |
| 50° | 780.4 | 782.4 | 744.0 | 758.2 | 857.2 | 1085.7 | 4927.1 | 10660.7 | 12041.6 | 11079.2 | 10527.3 |
| 52.5° | 733.9 | 733.9 | 683.4 | 691.5 | 782.4 | 1033.1 | 5644.8 | 12094.2 | 13986.5 | 13050.4 | 11722.1 |
| 55° | 687.4 | 683.4 | 626.8 | 630.8 | 707.7 | 958.3 | 5751.9 | 13493.2 | 16639.0 | 16016.3 | 13355.7 |
| 57.5° | 634.8 | 626.8 | 574.2 | 574.2 | 638.9 | 903.7 | 4985.7 | 14568.7 | 19930.5 | 20375.3 | 15711.1 |
| 60° | 570.1 | 564.1 | 529.7 | 519.6 | 584.2 | 952.2 | 3517.9 | 14694.1 | 22053.3 | 26171.6 | 20221.6 |
| 62.5° | 487.3 | 495.3 | 477.1 | 463.0 | 531.8 | 988.6 | 2084.4 | 13685.3 | 21539.8 | 28015.5 | 25623.8 |
| 65° | 384.2 | 416.5 | 412.5 | 402.3 | 584.2 | 832.9 | 1231.2 | 11748.4 | 19964.8 | 26527.5 | 24521.9 |
| 67.5° | 327.5 | 349.7 | 343.7 | 343.7 | 612.6 | 632.8 | 774.3 | 9178.8 | 17797.5 | 24762.5 | 21903.7 |
| 70° | 279.0 | 301.2 | 279.0 | 279.0 | 463.0 | 384.2 | 535.8 | 6409.0 | 15458.3 | 22809.4 | 20185.2 |
| 72.5° | 230.5 | 252.8 | 228.5 | 212.3 | 370.0 | 287.1 | 392.3 | 4005.1 | 13238.5 | 20775.6 | 19008.5 |
| 75° | 175.9 | 202.1 | 184.0 | 163.8 | 244.7 | 214.3 | 297.1 | 2327.1 | 10968.0 | 17775.2 | 17332.5 |
| 77.5° | 111.2 | 145.5 | 137.5 | 115.2 | 179.9 | 155.7 | 214.3 | 1384.9 | 8463.1 | 13889.5 | 14908.4 |
| 80° | 68.8 | 74.8 | 76.9 | 72.8 | 103.1 | 105.2 | 145.5 | 788.5 | 5792.4 | 9680.2 | 11647.4 |
| 82.5° | 44.5 | 44.5 | 34.3 | 38.4 | 50.5 | 60.7 | 82.9 | 297.1 | 3404.6 | 5893.4 | 8107.2 |
| 85° | 32.4 | 28.3 | 18.2 | 18.2 | 24.3 | 30.3 | 32.4 | 91.0 | 1380.9 | 2327.1 | 3170.1 |
| 87.5° | 16.2 | 14.1 | 6.0 | 8.1 | 12.1 | 10.1 | 8.1 | 4.0 | 347.8 | 744.0 | 521.6 |
| 90° | 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):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 | 4063.7 |
| 2.5° | 4704.6 | 4767.3 | 4771.4 | 4771.4 | 4716.7 | 4714.7 | 4603.6 | 4591.4 |
| 5° | 5539.6 | 5580.1 | 5590.1 | 5570.0 | 5460.8 | 5379.9 | 5163.5 | 5117.1 |
| 7.5° | 6303.9 | 6384.7 | 6384.7 | 6336.1 | 6158.3 | 5992.5 | 5679.1 | 5561.9 |
| 10° | 6914.4 | 7007.4 | 6987.2 | 6888.1 | 6663.7 | 6435.3 | 6055.2 | 5901.5 |
| 12.5° | 7211.6 | 7306.6 | 7254.0 | 7140.9 | 6922.5 | 6681.9 | 6281.6 | 6107.8 |
| 15° | 7205.5 | 7179.3 | 7124.7 | 7110.5 | 7005.4 | 6823.4 | 6449.4 | 6259.4 |
| 17.5° | 6948.8 | 6726.4 | 6683.9 | 6825.5 | 6958.9 | 6914.4 | 6595.0 | 6417.0 |
| 20° | 6542.4 | 6154.2 | 6115.8 | 6386.8 | 6766.8 | 6960.9 | 6730.5 | 6566.7 |
| 22.5° | 6113.8 | 5695.3 | 5606.3 | 5905.5 | 6477.7 | 6975.0 | 6902.2 | 6738.6 |
| 25° | 5707.4 | 5286.8 | 5198.0 | 5477.0 | 6156.3 | 6950.8 | 7088.3 | 6948.8 |
| 27.5° | 5367.7 | 4961.4 | 4878.5 | 5157.5 | 5846.9 | 6882.1 | 7274.3 | 7175.2 |
| 30° | 5104.9 | 4728.9 | 4668.3 | 4937.1 | 5580.1 | 6797.2 | 7510.8 | 7456.3 |
| 32.5° | 4951.3 | 4676.4 | 4698.6 | 4919.0 | 5436.5 | 6704.1 | 7737.2 | 7763.6 |
| 35° | 5103.0 | 5115.1 | 5309.1 | 5400.1 | 5570.0 | 6690.0 | 8044.6 | 8147.7 |
| 37.5° | 5857.1 | 6277.5 | 6679.9 | 6605.1 | 6223.0 | 6853.8 | 8503.5 | 8695.6 |
| 40° | 7140.9 | 8004.1 | 8657.2 | 8372.1 | 7409.7 | 7355.2 | 9164.6 | 9451.7 |
| 42.5° | 8709.7 | 10173.4 | 11249.1 | 10484.8 | 8940.3 | 8232.6 | 10108.8 | 10474.7 |
| 45° | 10365.5 | 12848.3 | 14542.5 | 12953.4 | 10571.7 | 9461.8 | 11538.1 | 11825.2 |
| 47.5° | 12110.3 | 16099.3 | 18290.8 | 15690.9 | 12084.0 | 10860.9 | 13487.2 | 13553.9 |
| 50° | 14018.8 | 19663.6 | 22111.9 | 18426.3 | 13543.7 | 12464.1 | 15868.7 | 15792.0 |
| 52.5° | 15836.5 | 23329.1 | 25852.2 | 21173.8 | 14825.5 | 14453.5 | 18632.6 | 18474.8 |
| 55° | 17571.1 | 26992.5 | 29614.7 | 23814.2 | 16034.6 | 17081.8 | 21915.8 | 20961.6 |
| 57.5° | 19582.7 | 30285.9 | 33492.4 | 26466.8 | 17724.7 | 20494.6 | 25587.4 | 22405.1 |
| 60° | 22556.8 | 34028.2 | 37877.6 | 30101.9 | 20939.3 | 24081.1 | 26903.5 | 22130.2 |
| 62.5° | 26353.6 | 37469.2 | 41065.9 | 33664.3 | 24168.1 | 24756.4 | 24964.7 | 20011.4 |
| 65° | 27091.6 | 38340.6 | 41245.9 | 34616.5 | 23751.6 | 21000.0 | 20381.3 | 16085.1 |
| 67.5° | 25134.4 | 36765.6 | 38730.8 | 32843.5 | 21010.1 | 16228.6 | 15294.6 | 11669.6 |
| 70° | 22938.9 | 33763.3 | 34347.6 | 29829.0 | 18478.9 | 11936.4 | 10329.1 | 7488.5 |
| 72.5° | 20688.6 | 29758.2 | 28549.2 | 25904.7 | 16240.8 | 8691.5 | 7450.2 | 5323.2 |
| 75° | 18015.9 | 24491.6 | 22488.0 | 21523.7 | 13446.7 | 6821.4 | 5390.0 | 3673.5 |
| 77.5° | 14427.3 | 17239.5 | 16703.7 | 16683.5 | 10104.8 | 4983.7 | 3596.7 | 2302.8 |
| 80° | 10177.5 | 11188.4 | 10915.4 | 12565.2 | 6778.9 | 3614.9 | 2165.3 | 1281.8 |
| 82.5° | 4927.1 | 6186.6 | 6350.4 | 7482.5 | 3297.5 | 2126.9 | 499.4 | 279.0 |
| 85° | 1928.7 | 2984.1 | 2517.1 | 2840.6 | 926.0 | 592.3 | 12.1 | 0.0 |
| 87.5° | 216.4 | 345.7 | 317.4 | 250.7 | 113.3 | 24.3 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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