

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: P957441

Luminaire Tested: **GLAN-SB9D-750-U-SLR-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P957441
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: GLAN-SB9D-750-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 5000K, 900mA 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: 74839 lumens
Efficiency: N/A
Efficacy: 113.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

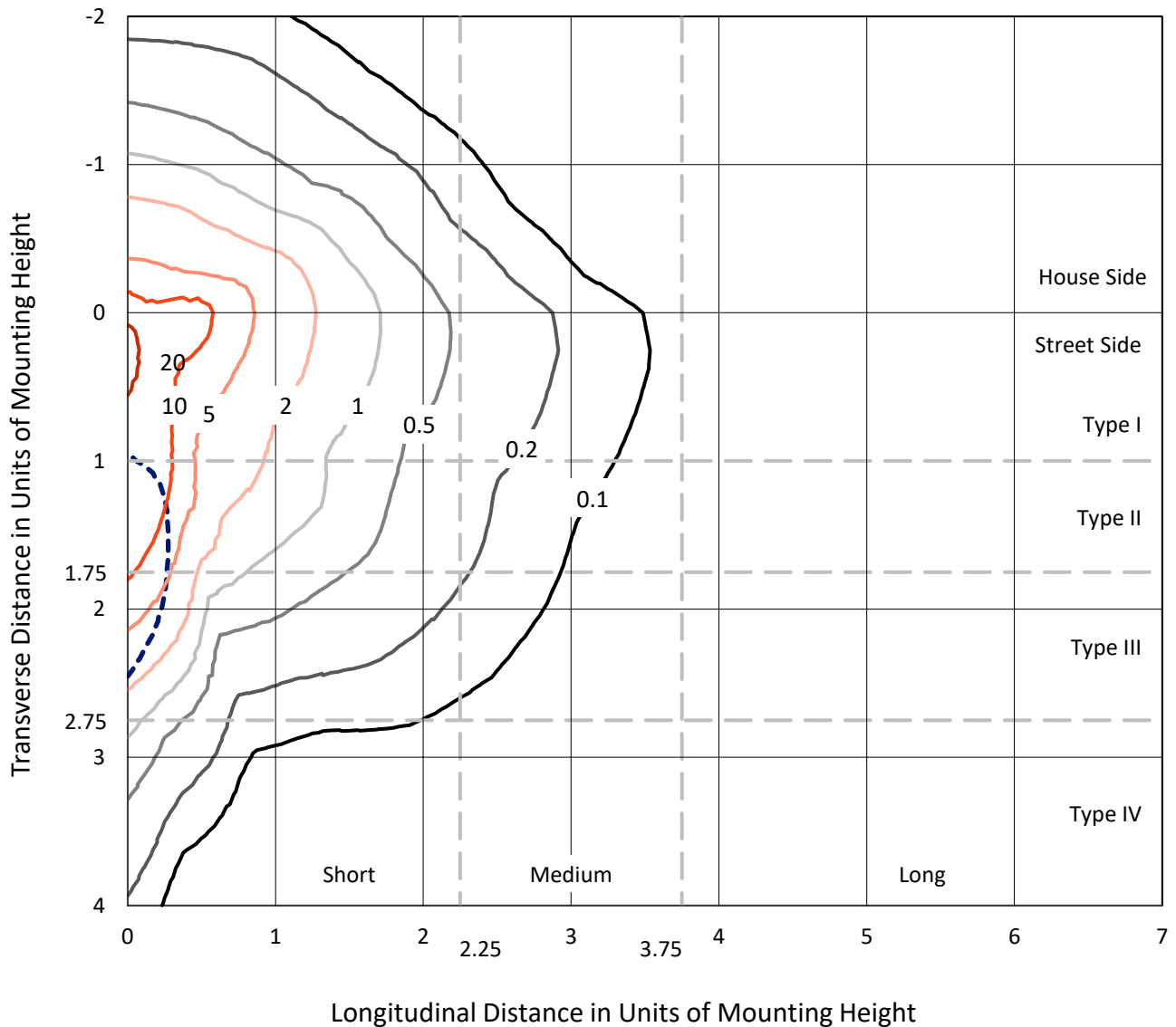
Input Watts (W): 658
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

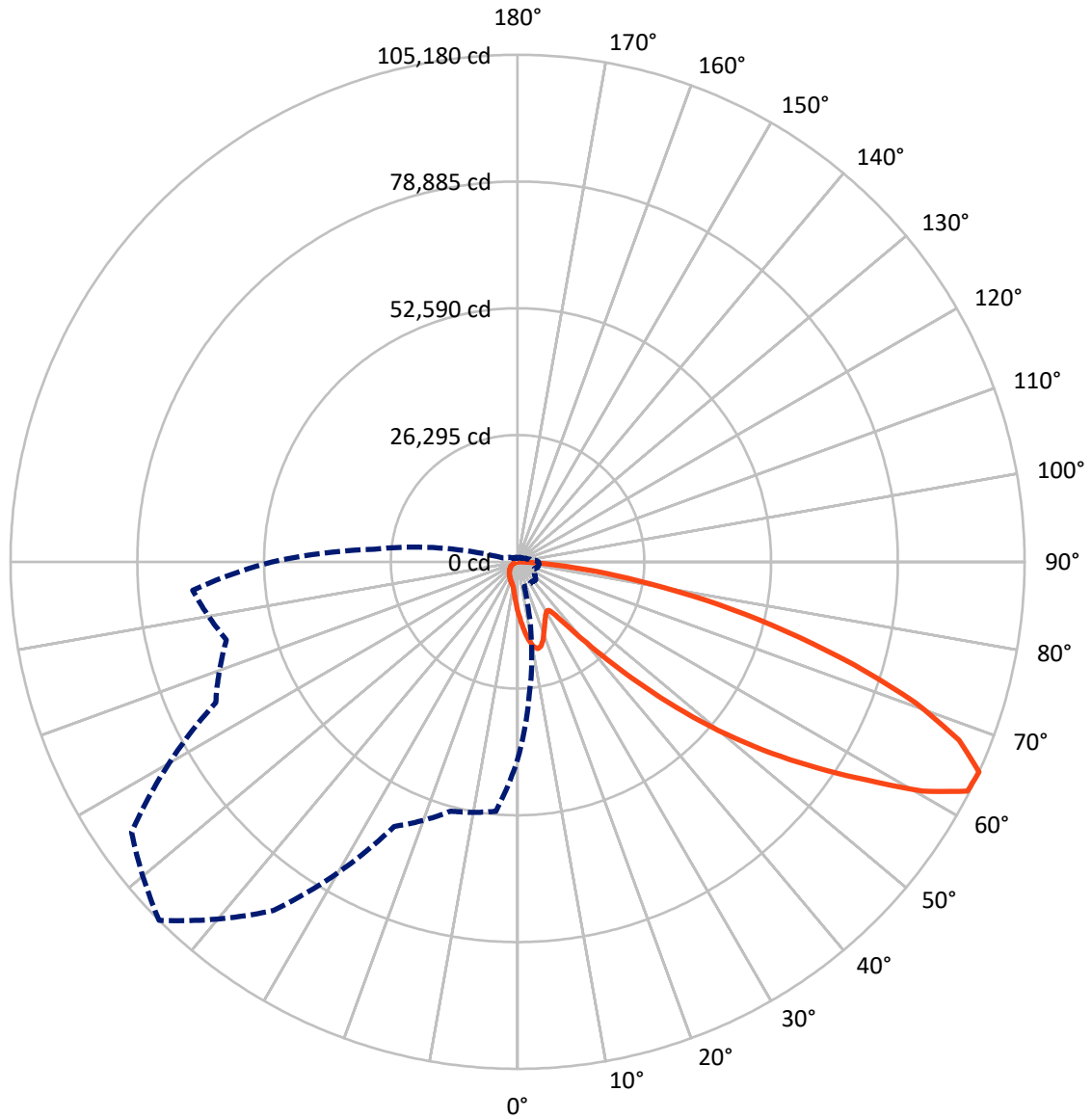
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 23.1 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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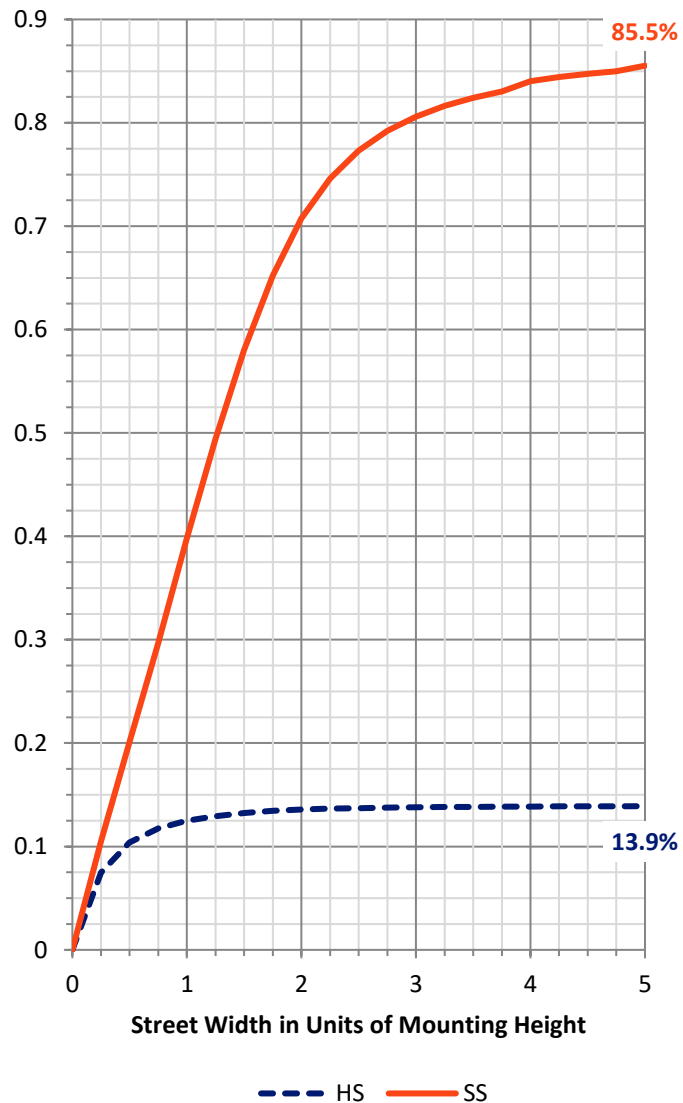
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 10480.7 | 0.0 | 10480.7 |
| | % Fixture | 14.0 | 0.0 | 14.0 |
| Street Side | Lumens | 64358.4 | 0.0 | 64358.4 |
| | % Fixture | 86.0 | 0.0 | 86.0 |
| Total | Lumens | 74839.0 | 0.0 | 74839.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 1020.3 | 1.4 |
| 10°-20° | 3058.4 | 4.1 |
| 20°-30° | 4505.7 | 6.0 |
| 30°-40° | 5788.6 | 7.7 |
| 40°-50° | 9361.8 | 12.5 |
| 50°-60° | 16416.9 | 21.9 |
| 60°-70° | 20542.0 | 27.4 |
| 70°-80° | 12003.8 | 16.0 |
| 80°-90° | 2141.7 | 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° | 74839.0 | 100.0 |
| 0°-180° | 74839.0 | 100.0 |

Coefficient of Utilization

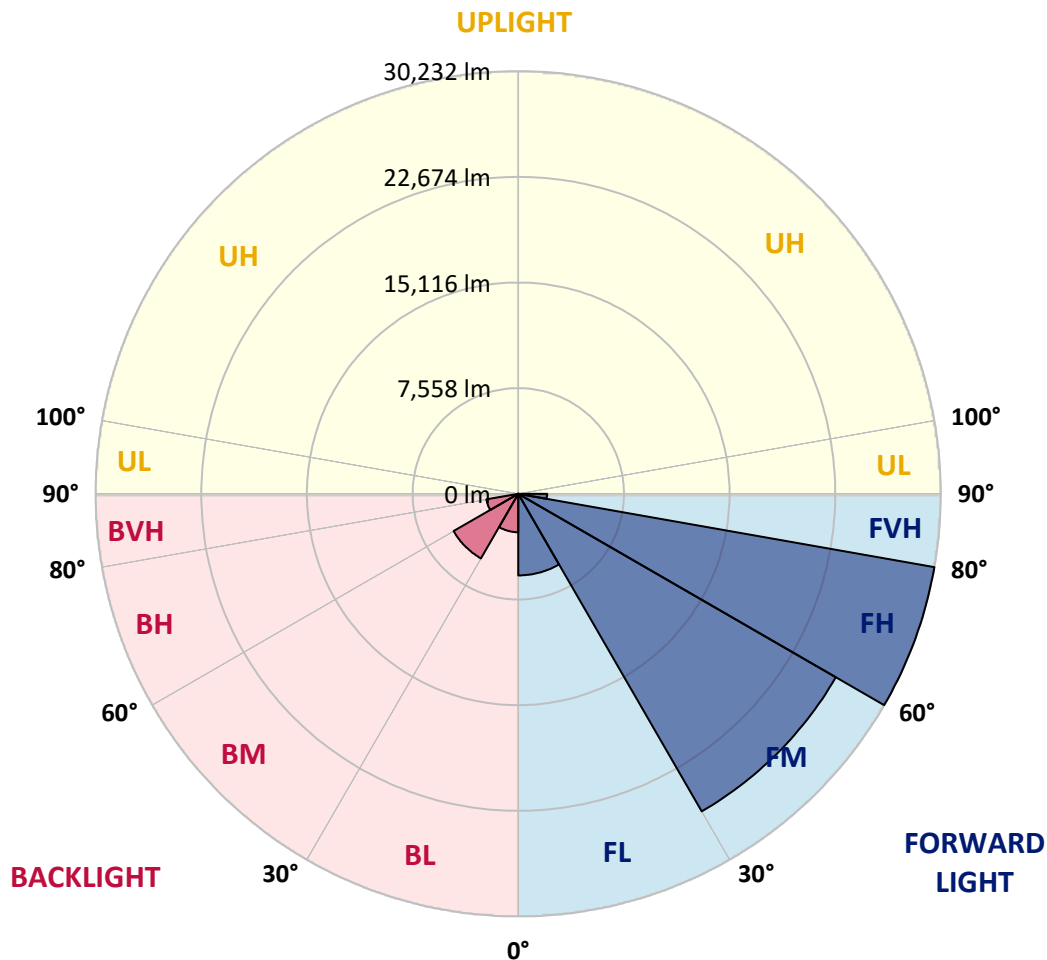


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 CATALOG NUMBER: GLAN-SB9D-750-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 5837.2 | 7.8 | | | |
| FM (30°-60°) | 26230.2 | 35.0 | | | |
| FH (60°-80°) | 30231.6 | 40.4 | | | G5 |
| FVH (80°-90°) | 2059.4 | 2.8 | | | G5 |
| BL (0°-30°) | 2747.2 | 3.7 | B4/5000 | | |
| BM (30°-60°) | 5337.0 | 7.1 | B4/8500 | | |
| BH (60°-80°) | 2314.2 | 3.1 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 82.3 | 0.1 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B4-U0-G5
 Type IV Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 |
| 2.5° | 11708.4 | 11507.4 | 11388.8 | 11094.9 | 10801.0 | 10563.9 | 10244.2 | 10032.8 | 9780.2 | 9537.9 |
| 5° | 13048.9 | 12724.1 | 12332.3 | 11796.1 | 11306.3 | 10806.2 | 10321.6 | 9842.1 | 9336.8 | 8872.8 |
| 7.5° | 14183.1 | 13714.0 | 13023.1 | 12311.6 | 11687.8 | 11084.6 | 10517.5 | 9883.3 | 9269.8 | 8542.9 |
| 10° | 15049.3 | 14451.2 | 13543.8 | 12610.7 | 11894.0 | 11285.7 | 10734.0 | 10197.8 | 9579.2 | 8702.7 |
| 12.5° | 15575.1 | 14935.8 | 13858.3 | 12765.3 | 11945.6 | 11265.0 | 10837.1 | 10600.0 | 10357.7 | 9486.4 |
| 15° | 15961.8 | 15271.0 | 14080.0 | 12873.6 | 11827.0 | 10991.8 | 10677.3 | 10914.5 | 11192.9 | 10636.1 |
| 17.5° | 16364.0 | 15637.0 | 14368.7 | 12920.0 | 11507.4 | 10460.8 | 10326.7 | 10940.2 | 11584.7 | 11558.9 |
| 20° | 16745.5 | 16023.7 | 14621.4 | 12889.1 | 10991.8 | 9816.3 | 9934.9 | 10718.5 | 11466.1 | 11780.6 |
| 22.5° | 17183.7 | 16420.7 | 14863.7 | 12770.5 | 10321.6 | 9213.1 | 9584.3 | 10368.0 | 11022.7 | 11393.9 |
| 25° | 17719.9 | 16920.8 | 15203.9 | 12595.2 | 9599.8 | 8713.0 | 9228.6 | 9960.7 | 10491.7 | 10749.5 |
| 27.5° | 18297.3 | 17518.8 | 15657.6 | 12502.4 | 9017.2 | 8357.3 | 8826.4 | 9476.0 | 9950.4 | 10130.8 |
| 30° | 19013.9 | 18214.8 | 16193.8 | 12399.3 | 8635.7 | 8151.0 | 8408.8 | 8914.1 | 9378.1 | 9558.5 |
| 32.5° | 19797.6 | 18988.2 | 16709.4 | 12151.8 | 8403.7 | 7996.4 | 8001.5 | 8321.2 | 8743.9 | 8960.5 |
| 35° | 20777.2 | 19916.2 | 17261.0 | 11610.5 | 8218.1 | 7815.9 | 7604.5 | 7759.2 | 8109.8 | 8367.6 |
| 37.5° | 22174.3 | 21132.9 | 17936.4 | 10837.1 | 7944.8 | 7537.5 | 7186.9 | 7223.0 | 7491.1 | 7774.7 |
| 40° | 24102.5 | 22767.2 | 18730.4 | 10032.8 | 7553.0 | 7145.7 | 6728.1 | 6712.6 | 6908.5 | 7186.9 |
| 42.5° | 26711.3 | 24927.4 | 19684.2 | 9264.7 | 7176.6 | 6671.4 | 6243.5 | 6217.7 | 6372.4 | 6614.7 |
| 45° | 30155.3 | 27690.9 | 20854.5 | 8604.7 | 6882.8 | 6207.4 | 5784.6 | 5774.3 | 5903.2 | 6114.6 |
| 47.5° | 34563.3 | 31531.8 | 22024.8 | 8156.2 | 6728.1 | 5841.3 | 5408.3 | 5428.9 | 5542.3 | 5733.1 |
| 50° | 40270.6 | 36537.9 | 22380.6 | 7929.4 | 6728.1 | 5645.4 | 5073.1 | 5176.2 | 5269.0 | 5413.4 |
| 52.5° | 47112.1 | 41343.0 | 21205.1 | 7723.1 | 6769.3 | 5671.2 | 4789.6 | 5011.3 | 5078.3 | 5202.0 |
| 55° | 53453.5 | 43699.1 | 18230.3 | 7439.6 | 6779.6 | 5831.0 | 4547.3 | 4877.2 | 5001.0 | 5047.4 |
| 57.5° | 57134.6 | 42889.6 | 14739.9 | 6960.1 | 6738.4 | 5939.3 | 4392.6 | 4712.2 | 4949.4 | 4980.3 |
| 60° | 56433.5 | 40048.9 | 10852.6 | 6594.0 | 6434.2 | 5898.0 | 4346.2 | 4459.6 | 4836.0 | 4882.4 |
| 62.5° | 51030.4 | 35285.1 | 7532.4 | 6310.5 | 5764.0 | 5717.6 | 4330.7 | 4062.6 | 4588.5 | 4701.9 |
| 65° | 41018.2 | 27778.5 | 5320.6 | 5434.0 | 5052.5 | 5325.8 | 4248.2 | 3650.2 | 4289.5 | 4444.1 |
| 67.5° | 29758.3 | 18797.4 | 3840.9 | 4402.9 | 4578.2 | 4691.6 | 4062.6 | 3351.2 | 3949.2 | 4155.4 |
| 70° | 19096.4 | 10151.4 | 2696.4 | 2907.8 | 3856.4 | 3985.3 | 3743.0 | 3083.1 | 3603.8 | 3840.9 |
| 72.5° | 13574.8 | 5996.0 | 1938.5 | 2036.5 | 3098.5 | 3320.2 | 3294.4 | 2784.0 | 3201.6 | 3490.4 |
| 75° | 9367.8 | 3304.8 | 1309.5 | 1453.9 | 2247.9 | 2696.4 | 2541.7 | 2392.2 | 2711.9 | 3005.7 |
| 77.5° | 5872.3 | 1479.7 | 783.7 | 1010.5 | 1474.5 | 2119.0 | 1742.6 | 1850.9 | 2113.8 | 2387.1 |
| 80° | 3268.7 | 572.3 | 438.2 | 670.2 | 804.3 | 1541.5 | 964.1 | 1190.9 | 1557.0 | 1752.9 |
| 82.5° | 711.5 | 72.2 | 195.9 | 288.7 | 314.5 | 897.1 | 510.4 | 690.9 | 979.6 | 964.1 |
| 85° | 0.0 | 0.0 | 36.1 | 41.2 | 20.6 | 386.7 | 185.6 | 226.8 | 319.6 | 299.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.3 |
| 90° | 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° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 10362.8 | 0° | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 |
| 9321.4 | 2.5° | 9280.1 | 9027.5 | 8841.9 | 8749.1 | 8671.8 | 8743.9 | 8785.2 | 8785.2 | 8960.5 | 9063.6 |
| 8589.3 | 5° | 8408.8 | 7955.1 | 7609.7 | 7377.7 | 7238.5 | 7284.9 | 7336.5 | 7393.2 | 7614.9 | 7764.4 |
| 8156.2 | 7.5° | 7805.6 | 7109.6 | 6583.7 | 6258.9 | 6088.8 | 6114.6 | 6150.7 | 6197.1 | 6413.6 | 6563.1 |
| 8218.1 | 10° | 7692.2 | 6692.0 | 5949.6 | 5521.7 | 5315.4 | 5279.4 | 5258.7 | 5243.3 | 5372.2 | 5485.6 |
| 8919.2 | 12.5° | 8156.2 | 6712.6 | 5676.3 | 5155.6 | 4903.0 | 4794.7 | 4671.0 | 4573.0 | 4593.7 | 4665.8 |
| 9981.3 | 15° | 8986.3 | 6975.6 | 5588.7 | 4964.9 | 4650.4 | 4469.9 | 4325.6 | 4207.0 | 4181.2 | 4207.0 |
| 10909.3 | 17.5° | 9934.9 | 7331.3 | 5578.4 | 4799.9 | 4408.1 | 4222.5 | 4103.9 | 3995.6 | 3959.5 | 3964.7 |
| 11430.0 | 20° | 10563.9 | 7614.9 | 5547.5 | 4614.3 | 4176.1 | 4011.1 | 3908.0 | 3799.7 | 3763.6 | 3773.9 |
| 11285.7 | 22.5° | 10625.7 | 7764.4 | 5501.1 | 4408.1 | 3944.1 | 3804.9 | 3701.7 | 3603.8 | 3598.6 | 3598.6 |
| 10744.3 | 25° | 10290.6 | 7764.4 | 5403.1 | 4222.5 | 3722.4 | 3598.6 | 3505.8 | 3387.2 | 3407.9 | 3418.2 |
| 10130.8 | 27.5° | 9769.9 | 7578.8 | 5217.5 | 4072.9 | 3531.6 | 3402.7 | 3309.9 | 3201.6 | 3227.4 | 3242.9 |
| 9558.5 | 30° | 9254.3 | 7341.6 | 4995.8 | 3902.8 | 3351.2 | 3201.6 | 3134.6 | 3041.8 | 3052.1 | 3072.8 |
| 8991.4 | 32.5° | 8774.9 | 7089.0 | 4732.9 | 3763.6 | 3170.7 | 3021.2 | 2969.6 | 2866.5 | 2882.0 | 2902.6 |
| 8434.6 | 35° | 8300.6 | 6810.6 | 4423.5 | 3598.6 | 3005.7 | 2856.2 | 2815.0 | 2696.4 | 2706.7 | 2737.6 |
| 7877.8 | 37.5° | 7790.1 | 6516.7 | 4170.9 | 3433.6 | 2845.9 | 2691.2 | 2650.0 | 2526.3 | 2536.6 | 2572.7 |
| 7300.4 | 40° | 7254.0 | 6228.0 | 3923.4 | 3258.4 | 2675.8 | 2521.1 | 2485.0 | 2351.0 | 2361.3 | 2402.5 |
| 6733.2 | 42.5° | 6712.6 | 5913.5 | 3732.7 | 3031.5 | 2500.5 | 2335.5 | 2299.4 | 2175.7 | 2191.1 | 2237.5 |
| 6238.3 | 45° | 6212.5 | 5537.1 | 3608.9 | 2778.9 | 2335.5 | 2149.9 | 2113.8 | 2000.4 | 2031.3 | 2082.9 |
| 5820.7 | 47.5° | 5784.6 | 5150.5 | 3557.4 | 2567.5 | 2160.2 | 1959.1 | 1928.2 | 1835.4 | 1887.0 | 1943.7 |
| 5465.0 | 50° | 5418.6 | 4779.3 | 3490.4 | 2351.0 | 1995.2 | 1794.2 | 1763.2 | 1701.4 | 1768.4 | 1825.1 |
| 5222.6 | 52.5° | 5155.6 | 4356.5 | 3346.0 | 2155.1 | 1850.9 | 1655.0 | 1644.6 | 1613.7 | 1675.6 | 1727.1 |
| 5042.2 | 55° | 4928.8 | 3918.3 | 3114.0 | 1984.9 | 1722.0 | 1536.4 | 1546.7 | 1531.2 | 1582.8 | 1624.0 |
| 4933.9 | 57.5° | 4722.6 | 3536.8 | 2820.1 | 1850.9 | 1582.8 | 1433.3 | 1464.2 | 1443.6 | 1469.4 | 1495.1 |
| 4820.5 | 60° | 4475.1 | 3150.1 | 2469.5 | 1701.4 | 1417.8 | 1330.2 | 1366.2 | 1309.5 | 1304.4 | 1314.7 |
| 4614.3 | 62.5° | 4109.0 | 2629.4 | 2103.5 | 1515.8 | 1273.4 | 1216.7 | 1232.2 | 1123.9 | 1041.4 | 1041.4 |
| 4310.1 | 65° | 3598.6 | 2113.8 | 1763.2 | 1309.5 | 1108.5 | 1062.1 | 1051.7 | 897.1 | 783.7 | 773.3 |
| 3980.1 | 67.5° | 3005.7 | 1737.4 | 1464.2 | 1103.3 | 922.9 | 891.9 | 902.2 | 788.8 | 675.4 | 665.1 |
| 3650.2 | 70° | 2448.9 | 1438.4 | 1180.6 | 881.6 | 711.5 | 742.4 | 788.8 | 675.4 | 567.1 | 551.7 |
| 3263.5 | 72.5° | 1990.1 | 1144.5 | 922.9 | 675.4 | 525.9 | 613.5 | 670.2 | 551.7 | 448.5 | 438.2 |
| 2784.0 | 75° | 1536.4 | 840.4 | 659.9 | 458.9 | 381.5 | 474.3 | 525.9 | 402.1 | 319.6 | 304.2 |
| 2155.1 | 77.5° | 1026.0 | 520.7 | 371.2 | 288.7 | 226.8 | 324.8 | 350.6 | 211.4 | 185.6 | 180.4 |
| 1567.3 | 80° | 623.8 | 242.3 | 159.8 | 139.2 | 77.3 | 118.6 | 139.2 | 87.6 | 98.0 | 103.1 |
| 835.2 | 82.5° | 314.5 | 67.0 | 25.8 | 5.2 | 0.0 | 0.0 | 41.2 | 20.6 | 41.2 | 51.6 |
| 226.8 | 85° | 25.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.3 | 25.8 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 90° | 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):

| 185° | | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 10362.8 | 0° | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 | 10362.8 |
| 9104.8 | 2.5° | 9393.5 | 9610.1 | 9816.3 | 10146.3 | 10486.5 | 10821.7 | 11161.9 | 11491.9 | 11610.5 | 11698.1 |
| 7862.3 | 5° | 8310.9 | 8718.2 | 9192.5 | 9847.2 | 10548.4 | 11270.2 | 12002.3 | 12672.5 | 12976.7 | 13182.9 |
| 6692.0 | 7.5° | 7192.1 | 7723.1 | 8403.7 | 9388.4 | 10486.5 | 11636.2 | 12786.0 | 13842.9 | 14332.6 | 14729.6 |
| 5588.7 | 10° | 6083.6 | 6661.1 | 7522.1 | 8646.0 | 10130.8 | 11780.6 | 13368.5 | 14822.4 | 15456.6 | 15956.7 |
| 4794.7 | 12.5° | 5109.2 | 5650.6 | 6552.8 | 7795.3 | 9574.0 | 11667.2 | 13703.7 | 15451.4 | 16199.0 | 16760.9 |
| 4227.6 | 15° | 4423.5 | 4805.0 | 5604.2 | 6944.6 | 8914.1 | 11301.1 | 13724.3 | 15750.4 | 16570.2 | 17157.9 |
| 3990.5 | 17.5° | 4042.0 | 4170.9 | 4691.6 | 6078.5 | 8182.0 | 10821.7 | 13533.5 | 15853.5 | 16730.0 | 17276.5 |
| 3779.1 | 20° | 3835.8 | 3856.4 | 4000.8 | 4954.6 | 7243.7 | 10373.1 | 13353.1 | 15956.7 | 16879.5 | 17338.4 |
| 3629.6 | 22.5° | 3670.8 | 3670.8 | 3706.9 | 4052.3 | 6032.1 | 9836.9 | 13296.4 | 16137.1 | 17085.7 | 17369.3 |
| 3459.4 | 25° | 3521.3 | 3521.3 | 3531.6 | 3624.4 | 4779.3 | 9017.2 | 13260.3 | 16415.5 | 17369.3 | 17446.6 |
| 3289.3 | 27.5° | 3366.6 | 3371.8 | 3371.8 | 3423.3 | 3851.3 | 7903.6 | 13105.6 | 16776.4 | 17709.6 | 17549.7 |
| 3124.3 | 30° | 3212.0 | 3222.3 | 3222.3 | 3258.4 | 3407.9 | 6599.2 | 12801.4 | 17209.5 | 18153.0 | 17683.8 |
| 2959.3 | 32.5° | 3057.3 | 3067.6 | 3067.6 | 3098.5 | 3206.8 | 5269.0 | 12419.9 | 17606.5 | 18601.5 | 17740.5 |
| 2799.5 | 35° | 2897.5 | 2912.9 | 2902.6 | 2943.9 | 3057.3 | 4191.5 | 11935.3 | 18003.4 | 19086.1 | 17921.0 |
| 2644.8 | 37.5° | 2737.6 | 2747.9 | 2742.8 | 2784.0 | 2912.9 | 3619.2 | 11373.3 | 18302.5 | 19746.0 | 18323.1 |
| 2479.9 | 40° | 2577.8 | 2572.7 | 2572.7 | 2619.1 | 2758.3 | 3454.3 | 10667.0 | 18776.8 | 20694.7 | 19029.4 |
| 2314.9 | 42.5° | 2412.8 | 2412.8 | 2402.5 | 2454.1 | 2624.2 | 3330.5 | 9991.6 | 19627.5 | 22076.4 | 20153.3 |
| 2160.2 | 45° | 2263.3 | 2258.2 | 2237.5 | 2283.9 | 2495.3 | 3114.0 | 9754.4 | 21215.4 | 24118.0 | 21973.3 |
| 2005.5 | 47.5° | 2119.0 | 2113.8 | 2062.3 | 2103.5 | 2340.7 | 2918.1 | 10641.2 | 23813.8 | 26948.5 | 24649.0 |
| 1881.8 | 50° | 1990.1 | 1995.2 | 1897.3 | 1933.4 | 2186.0 | 2768.6 | 12564.3 | 27185.6 | 30706.9 | 28252.8 |
| 1778.7 | 52.5° | 1871.5 | 1871.5 | 1742.6 | 1763.2 | 1995.2 | 2634.5 | 14394.5 | 30841.0 | 35666.6 | 33279.6 |
| 1670.4 | 55° | 1752.9 | 1742.6 | 1598.2 | 1608.6 | 1804.5 | 2443.8 | 14667.8 | 34408.6 | 42430.8 | 40842.9 |
| 1551.8 | 57.5° | 1618.9 | 1598.2 | 1464.2 | 1464.2 | 1629.2 | 2304.6 | 12713.8 | 37151.4 | 50824.2 | 51958.4 |
| 1330.2 | 60° | 1453.9 | 1438.4 | 1350.8 | 1325.0 | 1490.0 | 2428.3 | 8970.8 | 37471.1 | 56237.6 | 66739.6 |
| 1056.9 | 62.5° | 1242.5 | 1263.1 | 1216.7 | 1180.6 | 1355.9 | 2521.1 | 5315.4 | 34898.4 | 54928.0 | 71441.5 |
| 819.7 | 65° | 979.6 | 1062.1 | 1051.7 | 1026.0 | 1490.0 | 2124.1 | 3139.8 | 29959.3 | 50911.8 | 67647.0 |
| 716.6 | 67.5° | 835.2 | 891.9 | 876.5 | 876.5 | 1562.2 | 1613.7 | 1974.6 | 23406.5 | 45385.0 | 63146.1 |
| 598.1 | 70° | 711.5 | 768.2 | 711.5 | 711.5 | 1180.6 | 979.6 | 1366.2 | 16343.3 | 39419.9 | 58165.8 |
| 479.5 | 72.5° | 587.7 | 644.5 | 582.6 | 541.3 | 943.5 | 732.1 | 1000.2 | 10213.3 | 33759.0 | 52979.2 |
| 340.3 | 75° | 448.5 | 515.6 | 469.2 | 417.6 | 623.8 | 546.5 | 757.9 | 5934.1 | 27969.3 | 45328.3 |
| 206.2 | 77.5° | 283.6 | 371.2 | 350.6 | 293.9 | 458.9 | 397.0 | 546.5 | 3531.6 | 21581.4 | 35419.1 |
| 123.7 | 80° | 175.3 | 190.8 | 195.9 | 185.6 | 262.9 | 268.1 | 371.2 | 2010.7 | 14770.9 | 24685.1 |
| 77.3 | 82.5° | 113.4 | 113.4 | 87.6 | 98.0 | 128.9 | 154.7 | 211.4 | 757.9 | 8682.1 | 15028.6 |
| 46.4 | 85° | 82.5 | 72.2 | 46.4 | 46.4 | 61.9 | 77.3 | 82.5 | 232.0 | 3521.3 | 5934.1 |
| 20.6 | 87.5° | 41.2 | 36.1 | 15.5 | 20.6 | 30.9 | 25.8 | 20.6 | 10.3 | 886.8 | 1897.3 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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