

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: P956270

Luminaire Tested: **GLAN-SB9A-722-U-T2U**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P956270  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB9A-722-U-T2U  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II U OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 34205 lumens  
Efficiency: N/A  
Efficacy: 133.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B4 - U0 - G4  
  
Input Watts (W): 255.5  
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

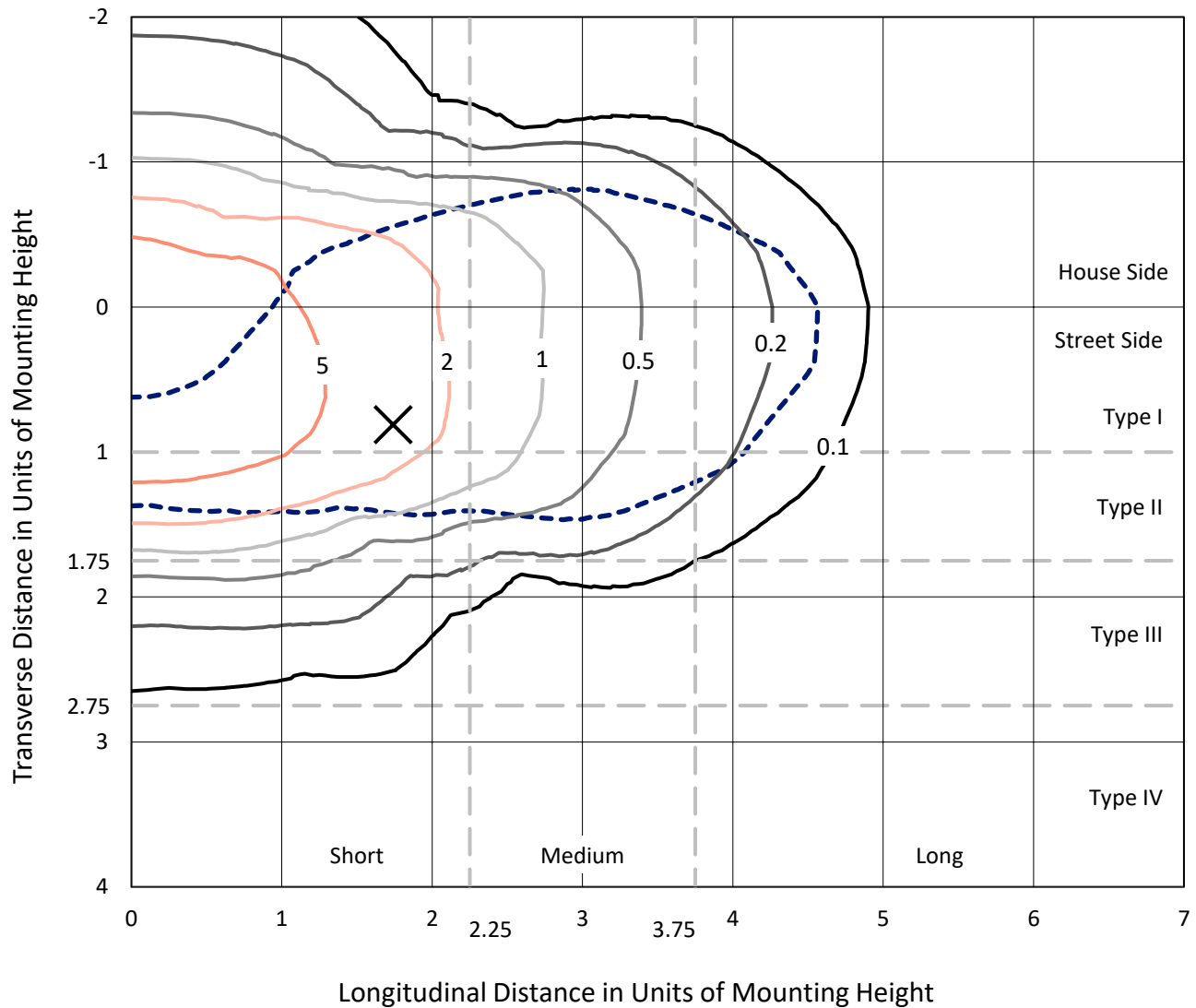


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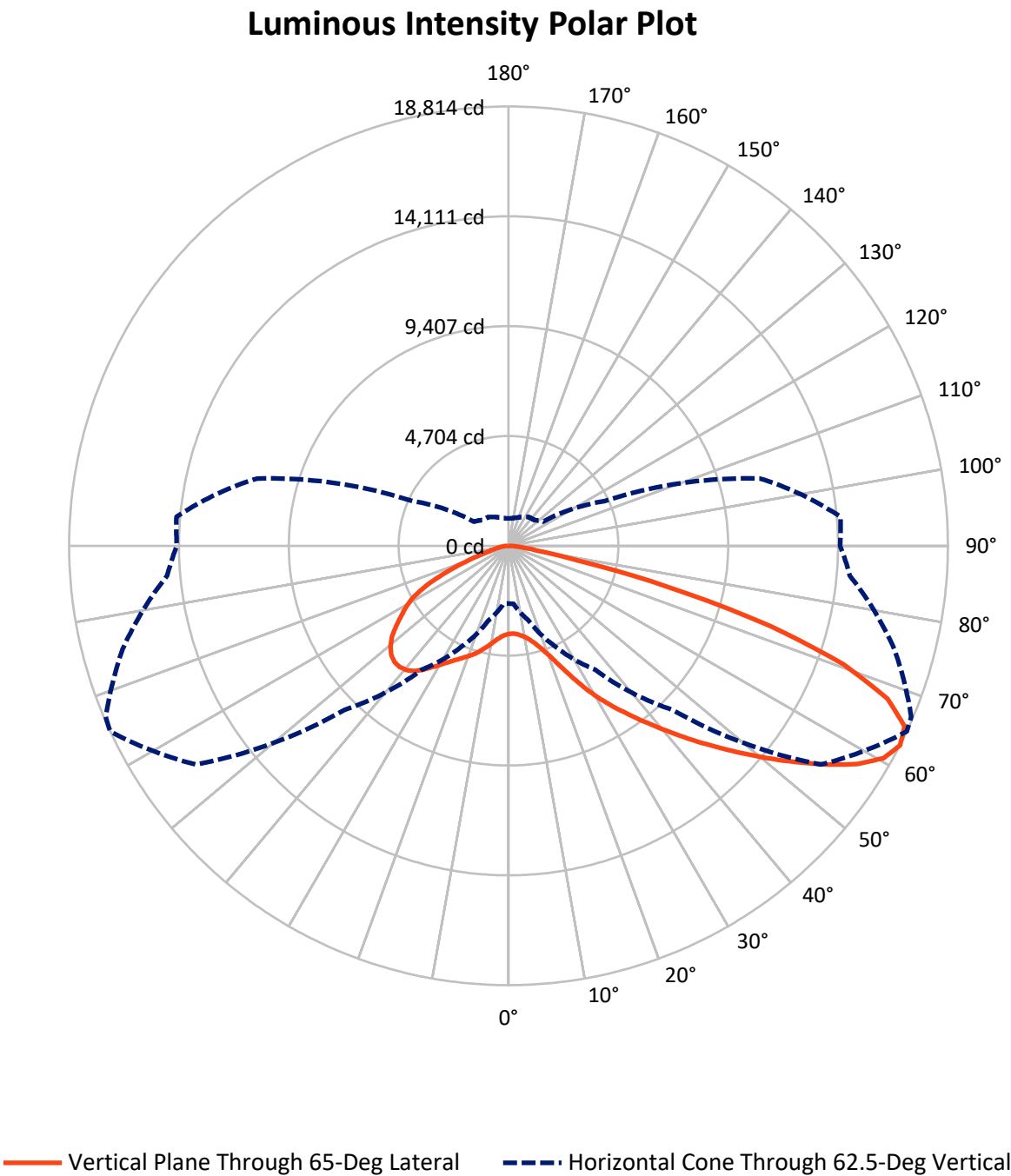
## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.6 fc  
Type II - Short - N/A

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 10793.6  | 0.0    | 10793.6 |
|                    | % Fixture | 31.6     | 0.0    | 31.6    |
| <b>Street Side</b> | Lumens    | 23411.4  | 0.0    | 23411.4 |
|                    | % Fixture | 68.4     | 0.0    | 68.4    |
| <b>Total</b>       | Lumens    | 34205.0  | 0.0    | 34205.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 375.8   | 1.1       |
| 10°-20°   | 1274.3  | 3.7       |
| 20°-30°   | 2583.9  | 7.6       |
| 30°-40°   | 4471.3  | 13.1      |
| 40°-50°   | 6766.5  | 19.8      |
| 50°-60°   | 7933.3  | 23.2      |
| 60°-70°   | 6651.1  | 19.4      |
| 70°-80°   | 3671.9  | 10.7      |
| 80°-90°   | 477.0   | 1.4       |
| 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°    | 34205.0 | 100.0     |
| 0°-180°   | 34205.0 | 100.0     |

**Coefficient of Utilization**



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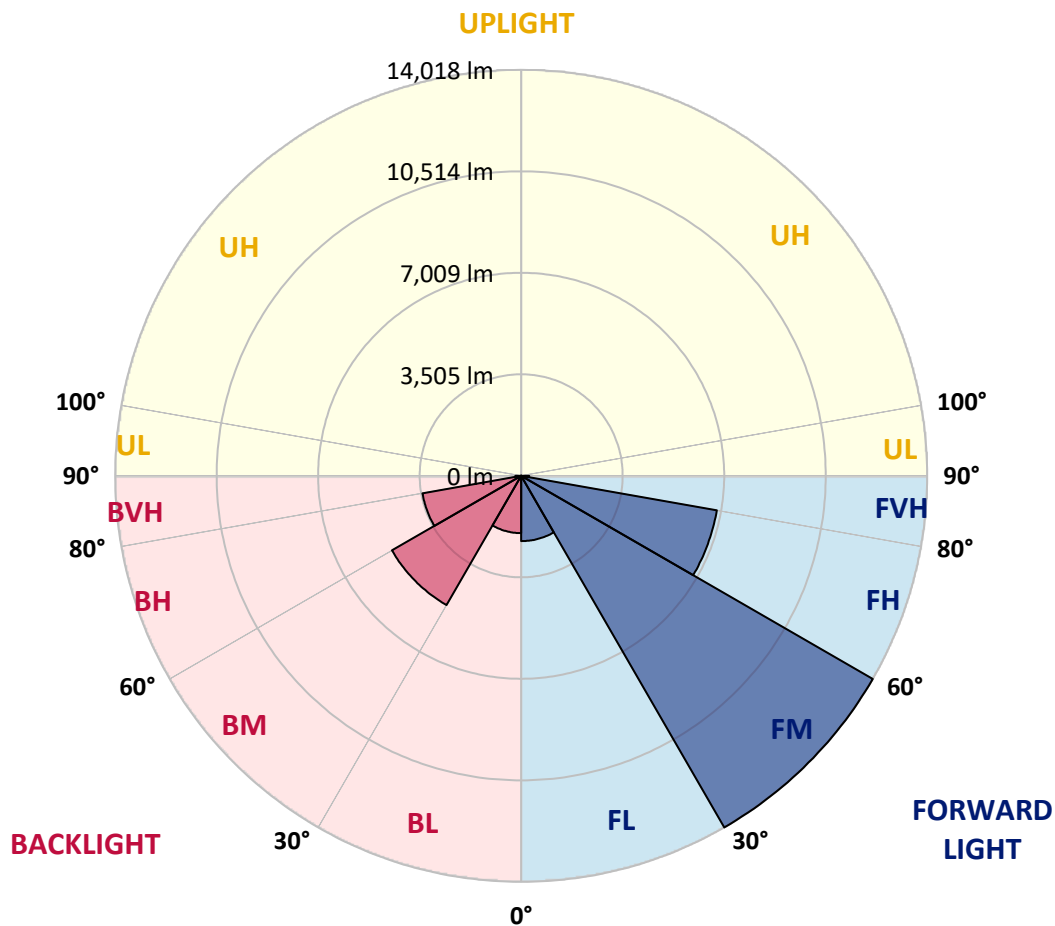
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 2254.6  | 6.6       |                         |      |         |
| FM   | (30°-60°)   | 14018.3 | 41.0      |                         |      |         |
| FH   | (60°-80°)   | 6860.5  | 20.1      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 278.0   | 0.8       |                         |      | G3/500  |
| BL   | (0°-30°)    | 1979.4  | 5.8       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 5152.7  | 15.1      | B4/8500                 |      |         |
| BH   | (60°-80°)   | 3462.5  | 10.1      | B4/5000                 |      | G4/5000 |
| BVH  | (80°-90°)   | 199.0   | 0.6       |                         |      | G2/225  |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

**BUG Rating: B4-U0-G4**

Type II Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 67°     | 75°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 3769.2  | 3769.2  | 3769.2  | 3769.2  | 3769.2  | 3769.2  | 3769.2  | 3769.2  | 3769.2  | 3769.2  |
| 2.5°  | 3744.4  | 3733.8  | 3742.6  | 3742.6  | 3746.2  | 3744.4  | 3756.8  | 3760.4  | 3765.7  | 3776.3  |
| 5°    | 3707.1  | 3705.4  | 3721.3  | 3735.5  | 3749.7  | 3762.1  | 3778.1  | 3801.2  | 3804.7  | 3817.2  |
| 7.5°  | 3694.7  | 3684.1  | 3708.9  | 3726.7  | 3760.4  | 3790.5  | 3833.1  | 3872.2  | 3888.1  | 3893.5  |
| 10°   | 3790.5  | 3772.8  | 3795.9  | 3806.5  | 3834.9  | 3865.1  | 3914.8  | 3976.9  | 3994.6  | 4015.9  |
| 12.5° | 3953.8  | 3934.3  | 3968.0  | 3984.0  | 4010.6  | 4037.2  | 4070.9  | 4131.3  | 4140.1  | 4179.2  |
| 15°   | 4177.4  | 4154.3  | 4175.6  | 4195.1  | 4239.5  | 4264.4  | 4298.1  | 4356.6  | 4356.6  | 4386.8  |
| 17.5° | 4480.9  | 4450.7  | 4466.7  | 4473.8  | 4502.2  | 4539.4  | 4596.2  | 4647.7  | 4674.3  | 4663.6  |
| 20°   | 4933.4  | 4896.1  | 4896.1  | 4860.6  | 4850.0  | 4880.1  | 4954.7  | 5025.7  | 5054.1  | 4999.0  |
| 22.5° | 5613.0  | 5559.8  | 5529.6  | 5409.0  | 5361.1  | 5364.6  | 5439.1  | 5526.1  | 5549.2  | 5451.6  |
| 25°   | 6477.3  | 6393.9  | 6353.1  | 6175.6  | 6067.3  | 5973.3  | 6031.9  | 6143.7  | 6175.6  | 6054.9  |
| 27.5° | 7341.5  | 7346.8  | 7307.8  | 7094.8  | 6915.6  | 6743.5  | 6713.3  | 6830.4  | 6864.1  | 6727.5  |
| 30°   | 8553.6  | 8427.6  | 8353.0  | 8097.5  | 7841.9  | 7600.6  | 7476.4  | 7524.3  | 7533.2  | 7369.9  |
| 32.5° | 9598.8  | 9566.8  | 9407.1  | 9183.5  | 8855.2  | 8477.2  | 8269.6  | 8193.3  | 8179.1  | 7946.6  |
| 35°   | 10789.5 | 10771.8 | 10603.2 | 10337.0 | 9982.1  | 9456.8  | 9082.4  | 8864.1  | 8846.4  | 8519.8  |
| 37.5° | 11999.8 | 11999.8 | 11834.8 | 11543.7 | 11176.4 | 10519.8 | 9950.2  | 9604.1  | 9547.3  | 9121.4  |
| 40°   | 12965.2 | 12906.6 | 12936.8 | 12814.4 | 12393.8 | 11696.4 | 10913.8 | 10411.6 | 10335.2 | 9824.2  |
| 42.5° | 13513.6 | 13494.0 | 13675.0 | 13811.7 | 13639.5 | 13082.3 | 11975.0 | 11286.4 | 11180.0 | 10597.9 |
| 45°   | 13636.0 | 13614.7 | 13937.7 | 14438.1 | 14679.5 | 14450.5 | 13128.5 | 12207.4 | 12077.9 | 11407.1 |
| 47.5° | 13353.8 | 13311.2 | 13785.1 | 14574.8 | 15348.5 | 15751.3 | 14377.8 | 13206.5 | 13018.4 | 12195.0 |
| 50°   | 12505.6 | 12464.8 | 13181.7 | 14230.5 | 15573.9 | 16635.1 | 15733.6 | 14266.0 | 13978.5 | 13039.7 |
| 52.5° | 10661.8 | 10681.3 | 11804.6 | 13245.6 | 15277.5 | 17185.2 | 16901.3 | 15382.2 | 15036.2 | 13904.0 |
| 55°   | 8305.1  | 8347.7  | 9728.3  | 11314.8 | 14092.1 | 17101.8 | 17698.0 | 16532.1 | 16187.9 | 14716.7 |
| 57.5° | 5946.7  | 6134.8  | 7428.5  | 8999.0  | 11815.3 | 15779.7 | 17872.0 | 17625.3 | 17291.7 | 15604.0 |
| 60°   | 3854.4  | 3888.1  | 5219.1  | 6802.0  | 8997.2  | 13430.1 | 17518.8 | 18454.0 | 18193.2 | 16509.1 |
| 62.5° | 2470.2  | 2493.3  | 3304.3  | 4757.7  | 6475.5  | 9936.0  | 16329.8 | 18814.3 | 18734.4 | 17107.1 |
| 65°   | 1815.4  | 1797.7  | 2220.0  | 3144.6  | 4362.0  | 6127.7  | 14021.1 | 18640.4 | 18798.3 | 17481.5 |
| 67.5° | 1515.5  | 1490.7  | 1698.3  | 2177.4  | 3213.8  | 3480.0  | 10374.3 | 17509.9 | 18088.5 | 17439.0 |
| 70°   | 1380.6  | 1359.3  | 1485.3  | 1616.7  | 2507.5  | 2330.0  | 5229.7  | 15222.5 | 16113.3 | 16954.5 |
| 72.5° | 1169.5  | 1132.2  | 1304.3  | 1435.6  | 1950.3  | 1787.0  | 2161.5  | 11692.8 | 12778.9 | 15401.7 |
| 75°   | 906.8   | 882.0   | 1029.3  | 1263.5  | 1465.8  | 1394.8  | 1366.4  | 7100.2  | 8285.6  | 11911.1 |
| 77.5° | 718.7   | 685.0   | 819.9   | 984.9   | 1318.5  | 1052.3  | 995.5   | 3057.6  | 4232.4  | 7604.1  |
| 80°   | 541.3   | 511.1   | 622.9   | 779.0   | 1013.3  | 793.2   | 644.2   | 1247.5  | 1595.4  | 3852.6  |
| 82.5° | 385.1   | 358.5   | 434.8   | 571.4   | 681.4   | 711.6   | 395.7   | 699.2   | 786.1   | 1485.3  |
| 85°   | 246.7   | 230.7   | 291.0   | 358.5   | 433.0   | 457.8   | 241.3   | 365.6   | 401.1   | 612.2   |
| 87.5° | 134.9   | 110.0   | 156.2   | 166.8   | 200.5   | 182.8   | 115.3   | 133.1   | 143.7   | 221.8   |
| 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):**

| 85°     |       | 90°     | 95°     | 105°    | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   |
|---------|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| 3769.2  | 0°    | 3769.2  | 3769.2  | 3769.2  | 3769.2 | 3769.2 | 3769.2 | 3769.2 | 3769.2 | 3769.2 | 3769.2 |
| 3776.3  | 2.5°  | 3783.4  | 3788.8  | 3806.5  | 3811.8 | 3824.3 | 3840.2 | 3850.9 | 3861.5 | 3861.5 | 3872.2 |
| 3833.1  | 5°    | 3834.9  | 3847.3  | 3884.6  | 3904.1 | 3936.1 | 3968.0 | 3987.5 | 4010.6 | 4024.8 | 4031.9 |
| 3923.6  | 7.5°  | 3934.3  | 3953.8  | 4007.0  | 4040.8 | 4095.8 | 4140.1 | 4170.3 | 4202.2 | 4209.3 | 4228.9 |
| 4049.6  | 10°   | 4069.1  | 4092.2  | 4152.6  | 4216.4 | 4282.1 | 4337.1 | 4365.5 | 4388.6 | 4397.4 | 4401.0 |
| 4211.1  | 12.5° | 4223.5  | 4257.3  | 4335.3  | 4413.4 | 4482.6 | 4530.5 | 4537.6 | 4532.3 | 4507.5 | 4486.2 |
| 4409.9  | 15°   | 4413.4  | 4443.6  | 4530.5  | 4615.7 | 4683.2 | 4692.0 | 4647.7 | 4619.3 | 4589.1 | 4583.8 |
| 4631.7  | 17.5° | 4640.6  | 4656.5  | 4736.4  | 4819.8 | 4825.1 | 4795.0 | 4729.3 | 4702.7 | 4674.3 | 4654.8 |
| 4921.0  | 20°   | 4905.0  | 4899.7  | 4956.4  | 4991.9 | 4954.7 | 4862.4 | 4763.0 | 4718.7 | 4690.3 | 4667.2 |
| 5275.9  | 22.5° | 5220.9  | 5180.0  | 5172.9  | 5164.1 | 5064.7 | 4871.3 | 4736.4 | 4679.6 | 4635.2 | 4603.3 |
| 5771.0  | 25°   | 5680.5  | 5524.3  | 5416.1  | 5355.7 | 5132.1 | 4823.4 | 4651.2 | 4525.2 | 4441.8 | 4386.8 |
| 6376.1  | 27.5° | 6255.5  | 5992.8  | 5719.5  | 5572.2 | 5132.1 | 4725.8 | 4445.4 | 4241.3 | 4104.6 | 4047.9 |
| 6961.7  | 30°   | 6803.8  | 6528.7  | 6125.9  | 5833.1 | 5119.7 | 4566.0 | 4113.5 | 3829.6 | 3669.9 | 3613.1 |
| 7462.2  | 32.5° | 7272.3  | 6972.4  | 6557.1  | 6118.8 | 5089.5 | 4306.9 | 3701.8 | 3387.7 | 3233.3 | 3165.9 |
| 7957.3  | 35°   | 7707.1  | 7387.6  | 6990.1  | 6432.9 | 5009.7 | 3927.2 | 3249.3 | 3009.7 | 2837.6 | 2729.3 |
| 8461.3  | 37.5° | 8152.5  | 7772.7  | 7400.1  | 6716.8 | 4865.9 | 3483.5 | 2901.5 | 2697.4 | 2495.1 | 2349.6 |
| 8997.2  | 40°   | 8637.0  | 8182.7  | 7838.4  | 6885.4 | 4629.9 | 3061.2 | 2631.7 | 2445.4 | 2230.7 | 2076.3 |
| 9614.8  | 42.5° | 9203.1  | 8674.2  | 8326.4  | 6972.4 | 4306.9 | 2761.3 | 2456.0 | 2273.3 | 2071.0 | 1945.0 |
| 10276.7 | 45°   | 9794.0  | 9215.5  | 8771.8  | 6970.6 | 3946.7 | 2621.1 | 2399.3 | 2218.2 | 1994.6 | 1863.3 |
| 10956.4 | 47.5° | 10413.3 | 9781.6  | 9156.9  | 6857.0 | 3634.4 | 2640.6 | 2367.3 | 2099.3 | 1852.7 | 1724.9 |
| 11643.1 | 50°   | 11034.4 | 10400.9 | 9529.6  | 6644.1 | 3501.3 | 2598.0 | 2248.4 | 1932.5 | 1641.5 | 1526.2 |
| 12287.3 | 52.5° | 11650.2 | 11059.3 | 9850.8  | 6340.6 | 3366.4 | 2440.1 | 2095.8 | 1716.0 | 1554.5 | 1474.7 |
| 12952.8 | 55°   | 12269.6 | 11710.6 | 10200.4 | 5898.8 | 3029.2 | 2255.5 | 1840.3 | 1634.4 | 1485.3 | 1412.6 |
| 13604.1 | 57.5° | 12890.7 | 12463.0 | 10532.2 | 5456.9 | 2605.1 | 2028.4 | 1700.1 | 1535.0 | 1416.1 | 1354.0 |
| 14148.9 | 60°   | 13536.6 | 13323.7 | 10874.7 | 5050.5 | 2186.3 | 1737.3 | 1597.1 | 1455.2 | 1334.5 | 1265.3 |
| 14672.4 | 62.5° | 14202.1 | 14271.3 | 11142.7 | 4527.0 | 1801.2 | 1559.9 | 1504.9 | 1359.3 | 1242.2 | 1176.6 |
| 15105.4 | 65°   | 14872.9 | 15185.2 | 11318.4 | 3801.2 | 1460.5 | 1391.3 | 1405.5 | 1254.6 | 1135.7 | 1079.0 |
| 15423.0 | 67.5° | 15378.7 | 15843.6 | 11268.7 | 2876.6 | 1197.9 | 1231.6 | 1281.3 | 1144.6 | 1032.8 | 988.5  |
| 15371.6 | 70°   | 15435.4 | 15765.5 | 10778.9 | 1969.8 | 1002.6 | 1075.4 | 1142.8 | 1036.4 | 921.0  | 889.1  |
| 14647.5 | 72.5° | 14679.5 | 14700.8 | 9414.2  | 1286.6 | 848.3  | 944.1  | 997.3  | 926.3  | 814.5  | 782.6  |
| 12814.4 | 75°   | 12697.2 | 12157.8 | 6912.1  | 848.3  | 709.8  | 811.0  | 860.7  | 811.0  | 702.7  | 709.8  |
| 9588.1  | 77.5° | 9620.1  | 8610.3  | 4196.9  | 603.4  | 592.7  | 681.4  | 748.9  | 713.4  | 621.1  | 697.4  |
| 4821.6  | 80°   | 4956.4  | 4658.3  | 1872.2  | 450.7  | 468.5  | 544.8  | 615.8  | 569.6  | 491.6  | 468.5  |
| 1077.2  | 82.5° | 1135.7  | 1320.3  | 738.2   | 323.0  | 338.9  | 392.2  | 470.3  | 427.7  | 353.1  | 298.1  |
| 449.0   | 85°   | 397.5   | 434.8   | 326.5   | 202.3  | 198.8  | 244.9  | 319.4  | 285.7  | 239.6  | 191.7  |
| 189.9   | 87.5° | 126.0   | 165.0   | 122.4   | 81.6   | 85.2   | 110.0  | 147.3  | 134.9  | 111.8  | 72.8   |
| 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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| 180°   |
|--------|
| 3769.2 |
| 3872.2 |
| 4035.4 |
| 4221.8 |
| 4392.1 |
| 4486.2 |
| 4583.8 |
| 4656.5 |
| 4669.0 |
| 4614.0 |
| 4408.1 |
| 4076.2 |
| 3646.8 |
| 3199.6 |
| 2764.8 |
| 2388.6 |
| 2106.4 |
| 1969.8 |
| 1884.6 |
| 1742.7 |
| 1533.3 |
| 1474.7 |
| 1405.5 |
| 1343.4 |
| 1260.0 |
| 1174.8 |
| 1077.2 |
| 990.2  |
| 890.8  |
| 780.8  |
| 685.0  |
| 614.0  |
| 427.7  |
| 294.6  |
| 202.3  |
| 76.3   |
| 0.0    |

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