

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: McGRAW-EDISON

Report Number: P956391

Luminaire Tested: **GALN-SB9A-760-U-SLR-HSS**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P956391  
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: McGRAW-EDISON  
Catalog Number: GALN-SB9A-760-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 70 CRI, 5700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

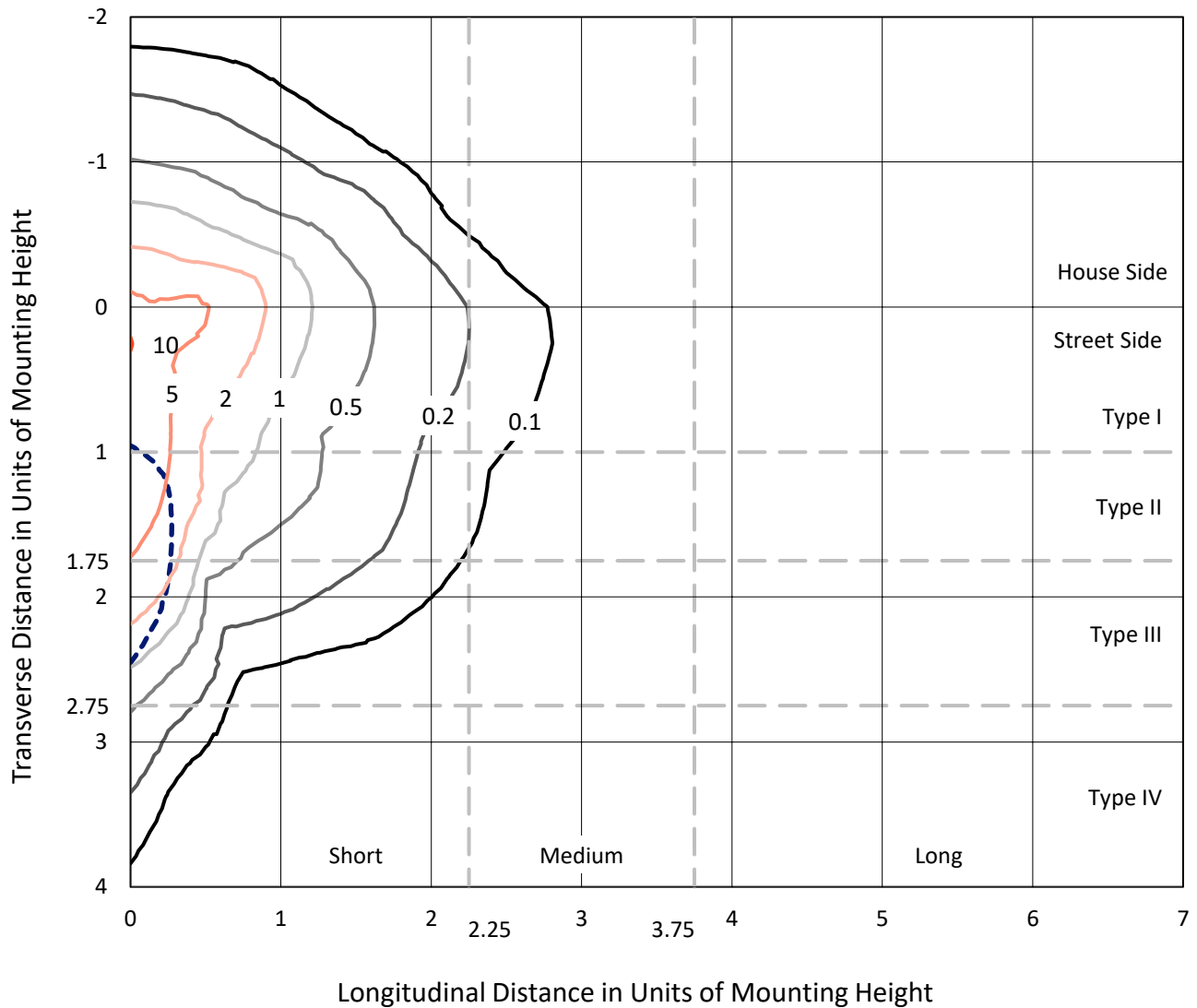
Lumens per Lamp: N/A  
Luminaire Lumens: 32990 lumens  
Efficiency: N/A  
Efficacy: 129.1 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 255.5  
Input Voltage (V): NR  
Input Current (Ain): 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

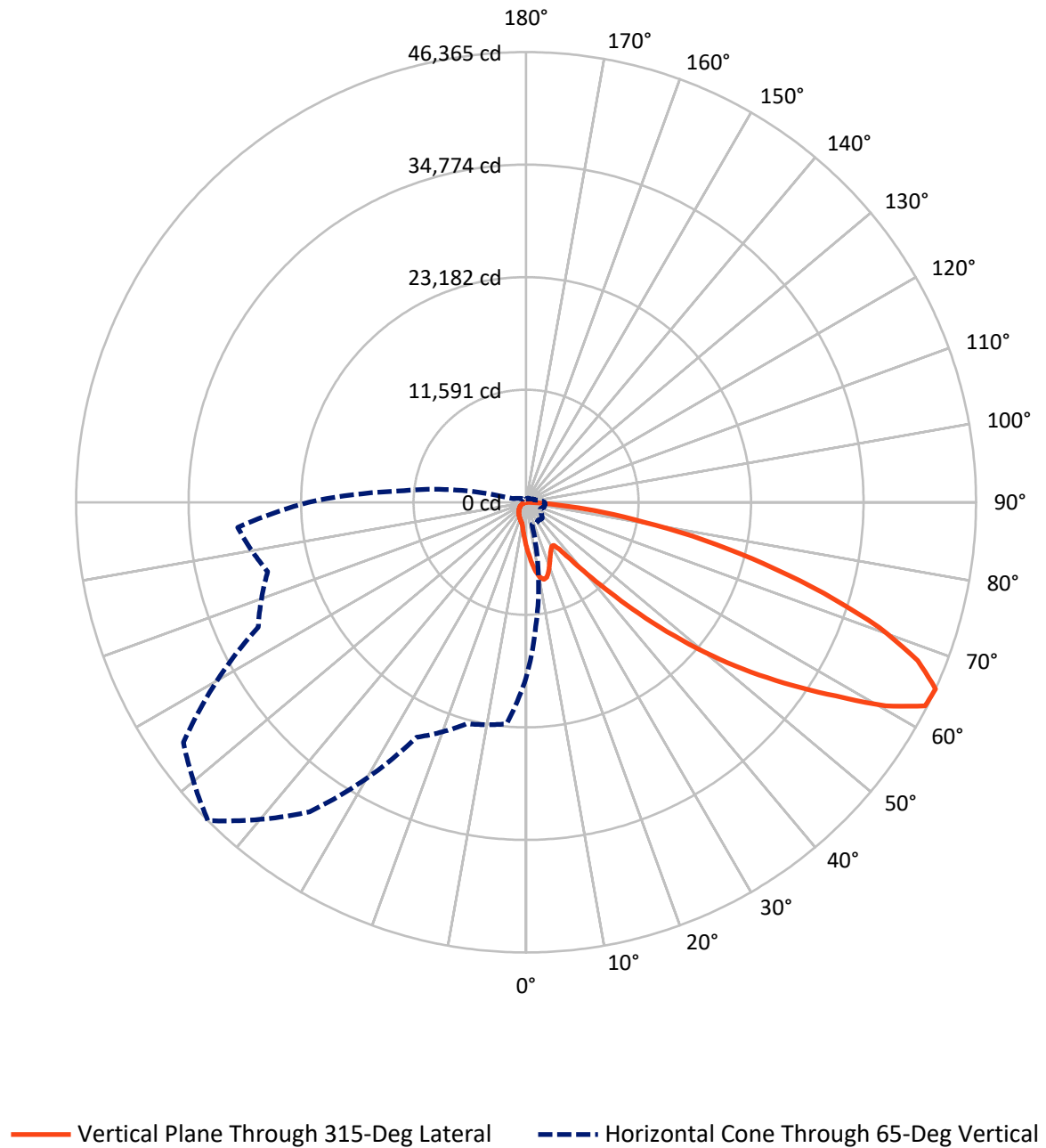
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.2 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4620.0   | 0.0    | 4620.0  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 28370.0  | 0.0    | 28370.0 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 32990.0  | 0.0    | 32990.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 449.7   | 1.4       |
| 10°-20°   | 1348.2  | 4.1       |
| 20°-30°   | 1986.2  | 6.0       |
| 30°-40°   | 2551.7  | 7.7       |
| 40°-50°   | 4126.8  | 12.5      |
| 50°-60°   | 7236.8  | 21.9      |
| 60°-70°   | 9055.2  | 27.4      |
| 70°-80°   | 5291.4  | 16.0      |
| 80°-90°   | 944.1   | 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°    | 32990.0 | 100.0     |
| 0°-180°   | 32990.0 | 100.0     |

**Coefficient of Utilization**



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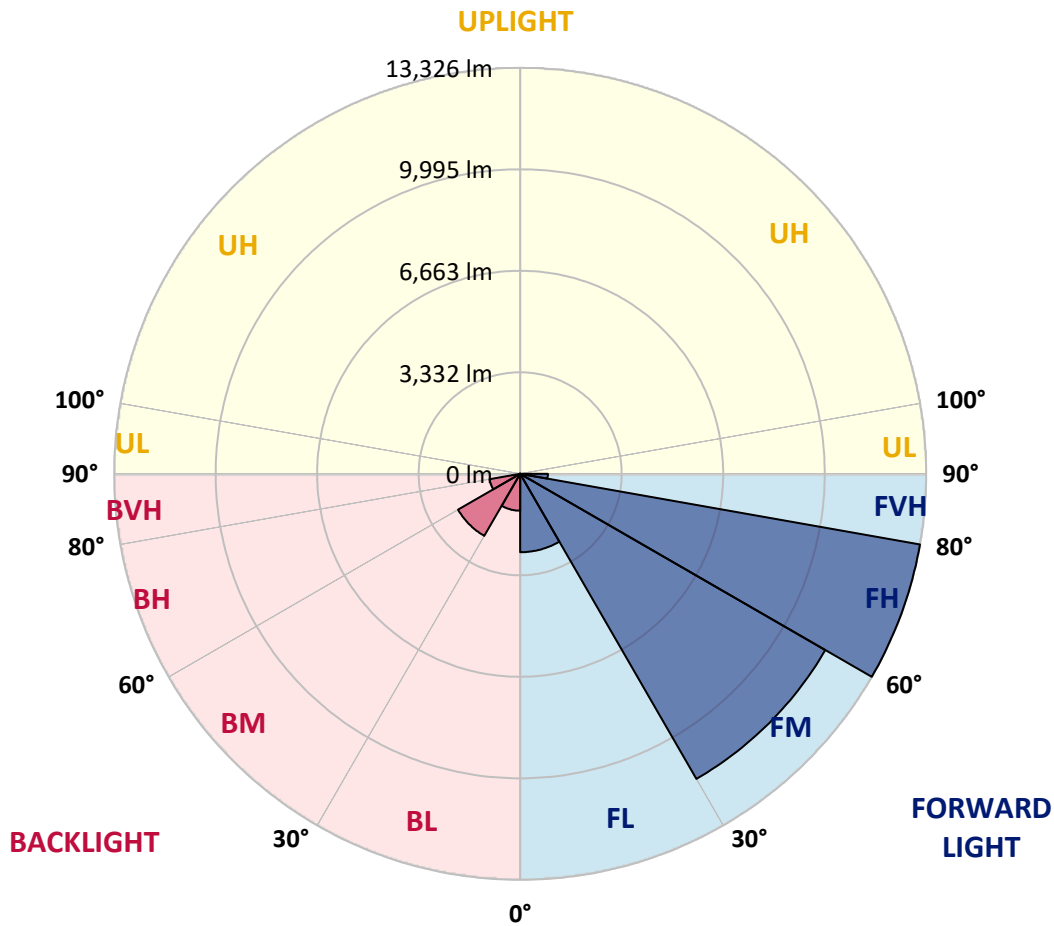
CATALOG NUMBER: GALN-SB9A-760-U-SLR-HSS

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

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|---------|-----------|-------------------------|------|---------|
|                |         |           | B                       | U    | G       |
| FL (0°-30°)    | 2573.1  | 7.8       |                         |      |         |
| FM (30°-60°)   | 11562.6 | 35.0      |                         |      |         |
| FH (60°-80°)   | 13326.5 | 40.4      |                         |      | G5      |
| FVH (80°-90°)  | 907.8   | 2.8       |                         |      | G5      |
| BL (0°-30°)    | 1211.0  | 3.7       | B3/2500                 |      |         |
| BM (30°-60°)   | 2352.6  | 7.1       | B2/2500                 |      |         |
| BH (60°-80°)   | 1020.1  | 3.1       | B3/2500                 |      | G3/2500 |
| BVH (80°-90°)  | 36.3    | 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°    |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4568.1  | 4568.1  | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1 |
| 2.5°  | 5161.2  | 5072.6  | 5020.3 | 4890.8 | 4761.2 | 4656.7 | 4515.8 | 4422.6 | 4311.2 | 4204.4 |
| 5°    | 5752.1  | 5608.9  | 5436.2 | 5199.9 | 4984.0 | 4763.5 | 4549.9 | 4338.5 | 4115.8 | 3911.3 |
| 7.5°  | 6252.1  | 6045.3  | 5740.8 | 5427.1 | 5152.1 | 4886.2 | 4636.2 | 4356.7 | 4086.3 | 3765.8 |
| 10°   | 6633.9  | 6370.3  | 5970.3 | 5558.9 | 5243.0 | 4974.9 | 4731.7 | 4495.3 | 4222.6 | 3836.3 |
| 12.5° | 6865.7  | 6583.9  | 6108.9 | 5627.1 | 5265.8 | 4965.8 | 4777.1 | 4672.6 | 4565.8 | 4181.7 |
| 15°   | 7036.2  | 6731.6  | 6206.7 | 5674.8 | 5213.5 | 4845.3 | 4706.7 | 4811.2 | 4934.0 | 4688.5 |
| 17.5° | 7213.4  | 6893.0  | 6333.9 | 5695.3 | 5072.6 | 4611.2 | 4552.2 | 4822.6 | 5106.7 | 5095.3 |
| 20°   | 7381.6  | 7063.4  | 6445.3 | 5681.7 | 4845.3 | 4327.2 | 4379.4 | 4724.9 | 5054.4 | 5193.0 |
| 22.5° | 7574.8  | 7238.4  | 6552.1 | 5629.4 | 4549.9 | 4061.3 | 4224.9 | 4570.3 | 4859.0 | 5022.6 |
| 25°   | 7811.2  | 7458.9  | 6702.1 | 5552.1 | 4231.7 | 3840.8 | 4068.1 | 4390.8 | 4624.9 | 4738.5 |
| 27.5° | 8065.7  | 7722.5  | 6902.1 | 5511.2 | 3974.9 | 3684.0 | 3890.8 | 4177.2 | 4386.2 | 4465.8 |
| 30°   | 8381.6  | 8029.3  | 7138.4 | 5465.8 | 3806.7 | 3593.1 | 3706.7 | 3929.4 | 4134.0 | 4213.5 |
| 32.5° | 8727.0  | 8370.2  | 7365.7 | 5356.7 | 3704.4 | 3524.9 | 3527.2 | 3668.1 | 3854.4 | 3949.9 |
| 35°   | 9158.8  | 8779.3  | 7608.9 | 5118.0 | 3622.6 | 3445.4 | 3352.2 | 3420.4 | 3574.9 | 3688.5 |
| 37.5° | 9774.7  | 9315.7  | 7906.6 | 4777.1 | 3502.2 | 3322.6 | 3168.1 | 3184.0 | 3302.2 | 3427.2 |
| 40°   | 10624.7 | 10036.1 | 8256.6 | 4422.6 | 3329.5 | 3149.9 | 2965.8 | 2959.0 | 3045.4 | 3168.1 |
| 42.5° | 11774.7 | 10988.3 | 8677.0 | 4084.0 | 3163.6 | 2940.8 | 2752.2 | 2740.8 | 2809.0 | 2915.8 |
| 45°   | 13292.8 | 12206.5 | 9192.9 | 3793.1 | 3034.0 | 2736.3 | 2549.9 | 2545.4 | 2602.2 | 2695.4 |
| 47.5° | 15236.0 | 13899.6 | 9708.8 | 3595.4 | 2965.8 | 2574.9 | 2384.0 | 2393.1 | 2443.1 | 2527.2 |
| 50°   | 17751.8 | 16106.4 | 9865.6 | 3495.4 | 2965.8 | 2488.6 | 2236.3 | 2281.8 | 2322.7 | 2386.3 |
| 52.5° | 20767.6 | 18224.5 | 9347.5 | 3404.5 | 2984.0 | 2499.9 | 2111.3 | 2209.0 | 2238.6 | 2293.1 |
| 55°   | 23563.0 | 19263.1 | 8036.1 | 3279.5 | 2988.6 | 2570.4 | 2004.5 | 2149.9 | 2204.5 | 2224.9 |
| 57.5° | 25185.7 | 18906.3 | 6497.6 | 3068.1 | 2970.4 | 2618.1 | 1936.3 | 2077.2 | 2181.8 | 2195.4 |
| 60°   | 24876.6 | 17654.1 | 4784.0 | 2906.7 | 2836.3 | 2599.9 | 1915.9 | 1965.9 | 2131.8 | 2152.2 |
| 62.5° | 22494.9 | 15554.1 | 3320.4 | 2781.7 | 2540.8 | 2520.4 | 1909.0 | 1790.9 | 2022.7 | 2072.7 |
| 65°   | 18081.3 | 12245.1 | 2345.4 | 2395.4 | 2227.2 | 2347.7 | 1872.7 | 1609.0 | 1890.9 | 1959.0 |
| 67.5° | 13117.8 | 8286.1  | 1693.1 | 1940.9 | 2018.1 | 2068.1 | 1790.9 | 1477.2 | 1740.9 | 1831.8 |
| 70°   | 8418.0  | 4474.9  | 1188.6 | 1281.8 | 1700.0 | 1756.8 | 1650.0 | 1359.1 | 1588.6 | 1693.1 |
| 72.5° | 5983.9  | 2643.1  | 854.5  | 897.7  | 1365.9 | 1463.6 | 1452.2 | 1227.2 | 1411.3 | 1538.6 |
| 75°   | 4129.4  | 1456.8  | 577.3  | 640.9  | 990.9  | 1188.6 | 1120.4 | 1054.5 | 1195.4 | 1325.0 |
| 77.5° | 2588.6  | 652.3   | 345.4  | 445.4  | 650.0  | 934.1  | 768.2  | 815.9  | 931.8  | 1052.2 |
| 80°   | 1440.9  | 252.3   | 193.2  | 295.4  | 354.5  | 679.5  | 425.0  | 525.0  | 686.3  | 772.7  |
| 82.5° | 313.6   | 31.8    | 86.4   | 127.3  | 138.6  | 395.4  | 225.0  | 304.5  | 431.8  | 425.0  |
| 85°   | 0.0     | 0.0     | 15.9   | 18.2   | 9.1    | 170.4  | 81.8   | 100.0  | 140.9  | 131.8  |
| 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.5    |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 4568.1 | 0°    | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1 |
| 4109.0 | 2.5°  | 4090.8 | 3979.4 | 3897.6 | 3856.7 | 3822.6 | 3854.4 | 3872.6 | 3872.6 | 3949.9 | 3995.3 |
| 3786.3 | 5°    | 3706.7 | 3506.7 | 3354.5 | 3252.2 | 3190.8 | 3211.3 | 3234.0 | 3259.0 | 3356.7 | 3422.6 |
| 3595.4 | 7.5°  | 3440.8 | 3134.0 | 2902.2 | 2759.0 | 2684.0 | 2695.4 | 2711.3 | 2731.7 | 2827.2 | 2893.1 |
| 3622.6 | 10°   | 3390.8 | 2949.9 | 2622.7 | 2434.0 | 2343.1 | 2327.2 | 2318.1 | 2311.3 | 2368.1 | 2418.1 |
| 3931.7 | 12.5° | 3595.4 | 2959.0 | 2502.2 | 2272.7 | 2161.3 | 2113.6 | 2059.0 | 2015.9 | 2024.9 | 2056.8 |
| 4399.9 | 15°   | 3961.3 | 3074.9 | 2463.6 | 2188.6 | 2049.9 | 1970.4 | 1906.8 | 1854.5 | 1843.1 | 1854.5 |
| 4809.0 | 17.5° | 4379.4 | 3231.7 | 2459.0 | 2115.9 | 1943.1 | 1861.3 | 1809.0 | 1761.3 | 1745.4 | 1747.7 |
| 5038.5 | 20°   | 4656.7 | 3356.7 | 2445.4 | 2034.0 | 1840.9 | 1768.1 | 1722.7 | 1675.0 | 1659.0 | 1663.6 |
| 4974.9 | 22.5° | 4684.0 | 3422.6 | 2424.9 | 1943.1 | 1738.6 | 1677.2 | 1631.8 | 1588.6 | 1586.3 | 1586.3 |
| 4736.2 | 25°   | 4536.2 | 3422.6 | 2381.8 | 1861.3 | 1640.9 | 1586.3 | 1545.4 | 1493.1 | 1502.2 | 1506.8 |
| 4465.8 | 27.5° | 4306.7 | 3340.8 | 2299.9 | 1795.4 | 1556.8 | 1500.0 | 1459.1 | 1411.3 | 1422.7 | 1429.5 |
| 4213.5 | 30°   | 4079.4 | 3236.3 | 2202.2 | 1720.4 | 1477.2 | 1411.3 | 1381.8 | 1340.9 | 1345.4 | 1354.5 |
| 3963.5 | 32.5° | 3868.1 | 3124.9 | 2086.3 | 1659.0 | 1397.7 | 1331.8 | 1309.1 | 1263.6 | 1270.4 | 1279.5 |
| 3718.1 | 35°   | 3659.0 | 3002.2 | 1949.9 | 1586.3 | 1325.0 | 1259.1 | 1240.9 | 1188.6 | 1193.1 | 1206.8 |
| 3472.6 | 37.5° | 3434.0 | 2872.7 | 1838.6 | 1513.6 | 1254.5 | 1186.3 | 1168.2 | 1113.6 | 1118.2 | 1134.1 |
| 3218.1 | 40°   | 3197.6 | 2745.4 | 1729.5 | 1436.3 | 1179.5 | 1111.3 | 1095.4 | 1036.3 | 1040.9 | 1059.1 |
| 2968.1 | 42.5° | 2959.0 | 2606.7 | 1645.4 | 1336.3 | 1102.2 | 1029.5 | 1013.6 | 959.1  | 965.9  | 986.3  |
| 2749.9 | 45°   | 2738.6 | 2440.8 | 1590.9 | 1225.0 | 1029.5 | 947.7  | 931.8  | 881.8  | 895.4  | 918.2  |
| 2565.8 | 47.5° | 2549.9 | 2270.4 | 1568.1 | 1131.8 | 952.2  | 863.6  | 850.0  | 809.1  | 831.8  | 856.8  |
| 2409.0 | 50°   | 2388.6 | 2106.8 | 1538.6 | 1036.3 | 879.5  | 790.9  | 777.3  | 750.0  | 779.5  | 804.5  |
| 2302.2 | 52.5° | 2272.7 | 1920.4 | 1475.0 | 950.0  | 815.9  | 729.5  | 725.0  | 711.3  | 738.6  | 761.3  |
| 2222.7 | 55°   | 2172.7 | 1727.2 | 1372.7 | 875.0  | 759.1  | 677.3  | 681.8  | 675.0  | 697.7  | 715.9  |
| 2174.9 | 57.5° | 2081.8 | 1559.0 | 1243.1 | 815.9  | 697.7  | 631.8  | 645.4  | 636.3  | 647.7  | 659.1  |
| 2124.9 | 60°   | 1972.7 | 1388.6 | 1088.6 | 750.0  | 625.0  | 586.3  | 602.3  | 577.3  | 575.0  | 579.5  |
| 2034.0 | 62.5° | 1811.3 | 1159.1 | 927.2  | 668.2  | 561.3  | 536.3  | 543.2  | 495.4  | 459.1  | 459.1  |
| 1899.9 | 65°   | 1586.3 | 931.8  | 777.3  | 577.3  | 488.6  | 468.2  | 463.6  | 395.4  | 345.4  | 340.9  |
| 1754.5 | 67.5° | 1325.0 | 765.9  | 645.4  | 486.4  | 406.8  | 393.2  | 397.7  | 347.7  | 297.7  | 293.2  |
| 1609.0 | 70°   | 1079.5 | 634.1  | 520.4  | 388.6  | 313.6  | 327.3  | 347.7  | 297.7  | 250.0  | 243.2  |
| 1438.6 | 72.5° | 877.2  | 504.5  | 406.8  | 297.7  | 231.8  | 270.4  | 295.4  | 243.2  | 197.7  | 193.2  |
| 1227.2 | 75°   | 677.3  | 370.4  | 290.9  | 202.3  | 168.2  | 209.1  | 231.8  | 177.3  | 140.9  | 134.1  |
| 950.0  | 77.5° | 452.3  | 229.5  | 163.6  | 127.3  | 100.0  | 143.2  | 154.5  | 93.2   | 81.8   | 79.5   |
| 690.9  | 80°   | 275.0  | 106.8  | 70.5   | 61.4   | 34.1   | 52.3   | 61.4   | 38.6   | 43.2   | 45.5   |
| 368.2  | 82.5° | 138.6  | 29.5   | 11.4   | 2.3    | 0.0    | 0.0    | 18.2   | 9.1    | 18.2   | 22.7   |
| 100.0  | 85°   | 11.4   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.5    | 11.4   |
| 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°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 4568.1 | 0°    | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1 | 4568.1  | 4568.1  | 4568.1  |
| 4013.5 | 2.5°  | 4140.8 | 4236.3 | 4327.2 | 4472.6 | 4622.6 | 4770.3 | 4920.3 | 5065.8  | 5118.0  | 5156.7  |
| 3465.8 | 5°    | 3663.5 | 3843.1 | 4052.2 | 4340.8 | 4649.9 | 4968.0 | 5290.8 | 5586.2  | 5720.3  | 5811.2  |
| 2949.9 | 7.5°  | 3170.4 | 3404.5 | 3704.4 | 4138.5 | 4622.6 | 5129.4 | 5636.2 | 6102.1  | 6318.0  | 6493.0  |
| 2463.6 | 10°   | 2681.7 | 2936.3 | 3315.8 | 3811.3 | 4465.8 | 5193.0 | 5893.0 | 6533.9  | 6813.5  | 7033.9  |
| 2113.6 | 12.5° | 2252.2 | 2490.8 | 2888.6 | 3436.3 | 4220.3 | 5143.0 | 6040.7 | 6811.2  | 7140.7  | 7388.4  |
| 1863.6 | 15°   | 1949.9 | 2118.1 | 2470.4 | 3061.3 | 3929.4 | 4981.7 | 6049.8 | 6943.0  | 7304.3  | 7563.4  |
| 1759.0 | 17.5° | 1781.8 | 1838.6 | 2068.1 | 2679.5 | 3606.7 | 4770.3 | 5965.7 | 6988.4  | 7374.8  | 7615.7  |
| 1665.9 | 20°   | 1690.9 | 1700.0 | 1763.6 | 2184.0 | 3193.1 | 4572.6 | 5886.2 | 7033.9  | 7440.7  | 7643.0  |
| 1600.0 | 22.5° | 1618.1 | 1618.1 | 1634.0 | 1786.3 | 2659.0 | 4336.2 | 5861.2 | 7113.4  | 7531.6  | 7656.6  |
| 1525.0 | 25°   | 1552.2 | 1552.2 | 1556.8 | 1597.7 | 2106.8 | 3974.9 | 5845.3 | 7236.2  | 7656.6  | 7690.7  |
| 1450.0 | 27.5° | 1484.1 | 1486.3 | 1486.3 | 1509.1 | 1697.7 | 3484.0 | 5777.1 | 7395.3  | 7806.6  | 7736.2  |
| 1377.2 | 30°   | 1415.9 | 1420.4 | 1420.4 | 1436.3 | 1502.2 | 2909.0 | 5643.0 | 7586.2  | 8002.1  | 7795.2  |
| 1304.5 | 32.5° | 1347.7 | 1352.2 | 1352.2 | 1365.9 | 1413.6 | 2322.7 | 5474.9 | 7761.2  | 8199.8  | 7820.2  |
| 1234.1 | 35°   | 1277.2 | 1284.1 | 1279.5 | 1297.7 | 1347.7 | 1847.7 | 5261.2 | 7936.2  | 8413.4  | 7899.8  |
| 1165.9 | 37.5° | 1206.8 | 1211.3 | 1209.1 | 1227.2 | 1284.1 | 1595.4 | 5013.5 | 8068.0  | 8704.3  | 8077.1  |
| 1093.2 | 40°   | 1136.3 | 1134.1 | 1134.1 | 1154.5 | 1215.9 | 1522.7 | 4702.1 | 8277.1  | 9122.5  | 8388.4  |
| 1020.4 | 42.5° | 1063.6 | 1063.6 | 1059.1 | 1081.8 | 1156.8 | 1468.1 | 4404.4 | 8652.0  | 9731.6  | 8883.9  |
| 952.2  | 45°   | 997.7  | 995.4  | 986.3  | 1006.8 | 1100.0 | 1372.7 | 4299.9 | 9352.0  | 10631.5 | 9686.1  |
| 884.1  | 47.5° | 934.1  | 931.8  | 909.1  | 927.2  | 1031.8 | 1286.3 | 4690.8 | 10497.4 | 11879.2 | 10865.6 |
| 829.5  | 50°   | 877.2  | 879.5  | 836.3  | 852.2  | 963.6  | 1220.4 | 5538.5 | 11983.8 | 13536.0 | 12454.2 |
| 784.1  | 52.5° | 825.0  | 825.0  | 768.2  | 777.3  | 879.5  | 1161.3 | 6345.3 | 13595.1 | 15722.3 | 14670.1 |
| 736.3  | 55°   | 772.7  | 768.2  | 704.5  | 709.1  | 795.4  | 1077.2 | 6465.7 | 15167.8 | 18704.0 | 18004.1 |
| 684.1  | 57.5° | 713.6  | 704.5  | 645.4  | 645.4  | 718.2  | 1015.9 | 5604.4 | 16376.8 | 22403.9 | 22903.9 |
| 586.3  | 60°   | 640.9  | 634.1  | 595.4  | 584.1  | 656.8  | 1070.4 | 3954.4 | 16517.7 | 24790.2 | 29419.7 |
| 465.9  | 62.5° | 547.7  | 556.8  | 536.3  | 520.4  | 597.7  | 1111.3 | 2343.1 | 15383.7 | 24213.0 | 31492.3 |
| 361.4  | 65°   | 431.8  | 468.2  | 463.6  | 452.3  | 656.8  | 936.3  | 1384.1 | 13206.5 | 22442.6 | 29819.7 |
| 315.9  | 67.5° | 368.2  | 393.2  | 386.4  | 386.4  | 688.6  | 711.3  | 870.4  | 10317.9 | 20006.3 | 27835.6 |
| 263.6  | 70°   | 313.6  | 338.6  | 313.6  | 313.6  | 520.4  | 431.8  | 602.3  | 7204.4  | 17376.8 | 25640.2 |
| 211.4  | 72.5° | 259.1  | 284.1  | 256.8  | 238.6  | 415.9  | 322.7  | 440.9  | 4502.2  | 14881.4 | 23353.9 |
| 150.0  | 75°   | 197.7  | 227.3  | 206.8  | 184.1  | 275.0  | 240.9  | 334.1  | 2615.8  | 12329.2 | 19981.3 |
| 90.9   | 77.5° | 125.0  | 163.6  | 154.5  | 129.5  | 202.3  | 175.0  | 240.9  | 1556.8  | 9513.4  | 15613.2 |
| 54.5   | 80°   | 77.3   | 84.1   | 86.4   | 81.8   | 115.9  | 118.2  | 163.6  | 886.3   | 6511.2  | 10881.5 |
| 34.1   | 82.5° | 50.0   | 50.0   | 38.6   | 43.2   | 56.8   | 68.2   | 93.2   | 334.1   | 3827.2  | 6624.8  |
| 20.5   | 85°   | 36.4   | 31.8   | 20.5   | 20.5   | 27.3   | 34.1   | 36.4   | 102.3   | 1552.2  | 2615.8  |
| 9.1    | 87.5° | 18.2   | 15.9   | 6.8    | 9.1    | 13.6   | 11.4   | 9.1    | 4.5     | 390.9   | 836.3   |
| 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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**CANDELA DISTRIBUTION (continued):**

| 285°    |       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 4568.1  | 0°    | 4568.1  | 4568.1  | 4568.1  | 4568.1  | 4568.1  | 4568.1  | 4568.1  | 4568.1  |
| 5243.0  | 2.5°  | 5288.5  | 5358.9  | 5363.5  | 5363.5  | 5302.1  | 5299.9  | 5174.9  | 5161.2  |
| 6015.7  | 5°    | 6227.1  | 6272.6  | 6283.9  | 6261.2  | 6138.5  | 6047.6  | 5804.4  | 5752.1  |
| 6804.4  | 7.5°  | 7086.2  | 7177.1  | 7177.1  | 7122.5  | 6922.5  | 6736.2  | 6383.9  | 6252.1  |
| 7456.6  | 10°   | 7772.5  | 7877.1  | 7854.3  | 7743.0  | 7490.7  | 7233.9  | 6806.6  | 6633.9  |
| 7852.1  | 12.5° | 8106.6  | 8213.4  | 8154.3  | 8027.1  | 7781.6  | 7511.2  | 7061.2  | 6865.7  |
| 7965.7  | 15°   | 8099.8  | 8070.2  | 8008.9  | 7993.0  | 7874.8  | 7670.2  | 7249.8  | 7036.2  |
| 7895.2  | 17.5° | 7811.2  | 7561.2  | 7513.4  | 7672.5  | 7822.5  | 7772.5  | 7413.4  | 7213.4  |
| 7727.1  | 20°   | 7354.3  | 6918.0  | 6874.8  | 7179.4  | 7606.6  | 7824.8  | 7565.7  | 7381.6  |
| 7483.9  | 22.5° | 6872.5  | 6402.1  | 6302.1  | 6638.5  | 7281.6  | 7840.7  | 7758.9  | 7574.8  |
| 7215.7  | 25°   | 6415.7  | 5943.0  | 5843.0  | 6156.7  | 6920.3  | 7813.4  | 7968.0  | 7811.2  |
| 6958.9  | 27.5° | 6033.9  | 5577.1  | 5483.9  | 5797.6  | 6572.6  | 7736.2  | 8177.1  | 8065.7  |
| 6704.4  | 30°   | 5738.5  | 5315.8  | 5247.6  | 5549.9  | 6272.6  | 7640.7  | 8443.0  | 8381.6  |
| 6468.0  | 32.5° | 5565.8  | 5256.7  | 5281.7  | 5529.4  | 6111.2  | 7536.2  | 8697.5  | 8727.0  |
| 6352.1  | 35°   | 5736.2  | 5749.8  | 5968.0  | 6070.3  | 6261.2  | 7520.3  | 9042.9  | 9158.8  |
| 6490.7  | 37.5° | 6583.9  | 7056.6  | 7508.9  | 7424.8  | 6995.3  | 7704.3  | 9558.8  | 9774.7  |
| 7095.3  | 40°   | 8027.1  | 8997.5  | 9731.6  | 9411.1  | 8329.3  | 8268.0  | 10302.0 | 10624.7 |
| 8168.0  | 42.5° | 9790.6  | 11436.1 | 12645.1 | 11786.0 | 10049.7 | 9254.3  | 11363.3 | 11774.7 |
| 9465.7  | 45°   | 11652.0 | 14442.8 | 16347.3 | 14561.0 | 11883.8 | 10636.1 | 12970.1 | 13292.8 |
| 10681.5 | 47.5° | 13613.3 | 18097.2 | 20560.8 | 17638.2 | 13583.7 | 12208.8 | 15161.0 | 15236.0 |
| 11833.8 | 50°   | 15758.7 | 22104.0 | 24856.2 | 20713.1 | 15224.6 | 14011.0 | 17838.2 | 17751.8 |
| 13176.9 | 52.5° | 17801.8 | 26224.3 | 29060.6 | 23801.6 | 16665.5 | 16247.3 | 20944.9 | 20767.6 |
| 15013.2 | 55°   | 19751.7 | 30342.4 | 33290.0 | 26769.7 | 18024.5 | 19201.8 | 24635.7 | 23563.0 |
| 17660.9 | 57.5° | 22013.0 | 34044.5 | 37649.0 | 29751.5 | 19924.5 | 23038.0 | 28762.9 | 25185.7 |
| 22731.2 | 60°   | 25356.1 | 38251.2 | 42578.4 | 33837.7 | 23538.0 | 27069.7 | 30242.4 | 24876.6 |
| 28803.8 | 62.5° | 29624.2 | 42119.3 | 46162.4 | 37842.2 | 27167.5 | 27828.8 | 28062.9 | 22494.9 |
| 27565.2 | 65°   | 30453.7 | 43098.8 | 46364.7 | 38912.6 | 26699.3 | 23606.2 | 22910.7 | 18081.3 |
| 24622.1 | 67.5° | 28253.8 | 41328.4 | 43537.5 | 36919.5 | 23617.5 | 18242.7 | 17192.7 | 13117.8 |
| 22690.3 | 70°   | 25785.7 | 37953.5 | 38610.3 | 33530.9 | 20772.2 | 13417.8 | 11611.1 | 8418.0  |
| 21367.6 | 72.5° | 23256.2 | 33451.4 | 32092.3 | 29119.7 | 18256.3 | 9770.2  | 8374.8  | 5983.9  |
| 19483.6 | 75°   | 20251.7 | 27531.1 | 25278.9 | 24194.8 | 15115.5 | 7668.0  | 6058.9  | 4129.4  |
| 16758.6 | 77.5° | 16217.7 | 19379.0 | 18776.8 | 18754.0 | 11358.8 | 5602.1  | 4043.1  | 2588.6  |
| 13092.8 | 80°   | 11440.6 | 12576.9 | 12270.1 | 14124.6 | 7620.3  | 4063.5  | 2434.0  | 1440.9  |
| 9113.4  | 82.5° | 5538.5  | 6954.4  | 7138.4  | 8411.1  | 3706.7  | 2390.8  | 561.3   | 313.6   |
| 3563.5  | 85°   | 2168.1  | 3354.5  | 2829.5  | 3193.1  | 1040.9  | 665.9   | 13.6    | 0.0     |
| 586.3   | 87.5° | 243.2   | 388.6   | 356.8   | 281.8   | 127.3   | 27.3    | 0.0     | 0.0     |
| 0.0     | 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)