

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: P954268

Luminaire Tested: **GLAN-SB7C-827-U-SLL-HSS**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P954268  
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-SB7C-827-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(7) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 35346 lumens  
Efficiency: N/A  
Efficacy: 100.8 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): 350.5  
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

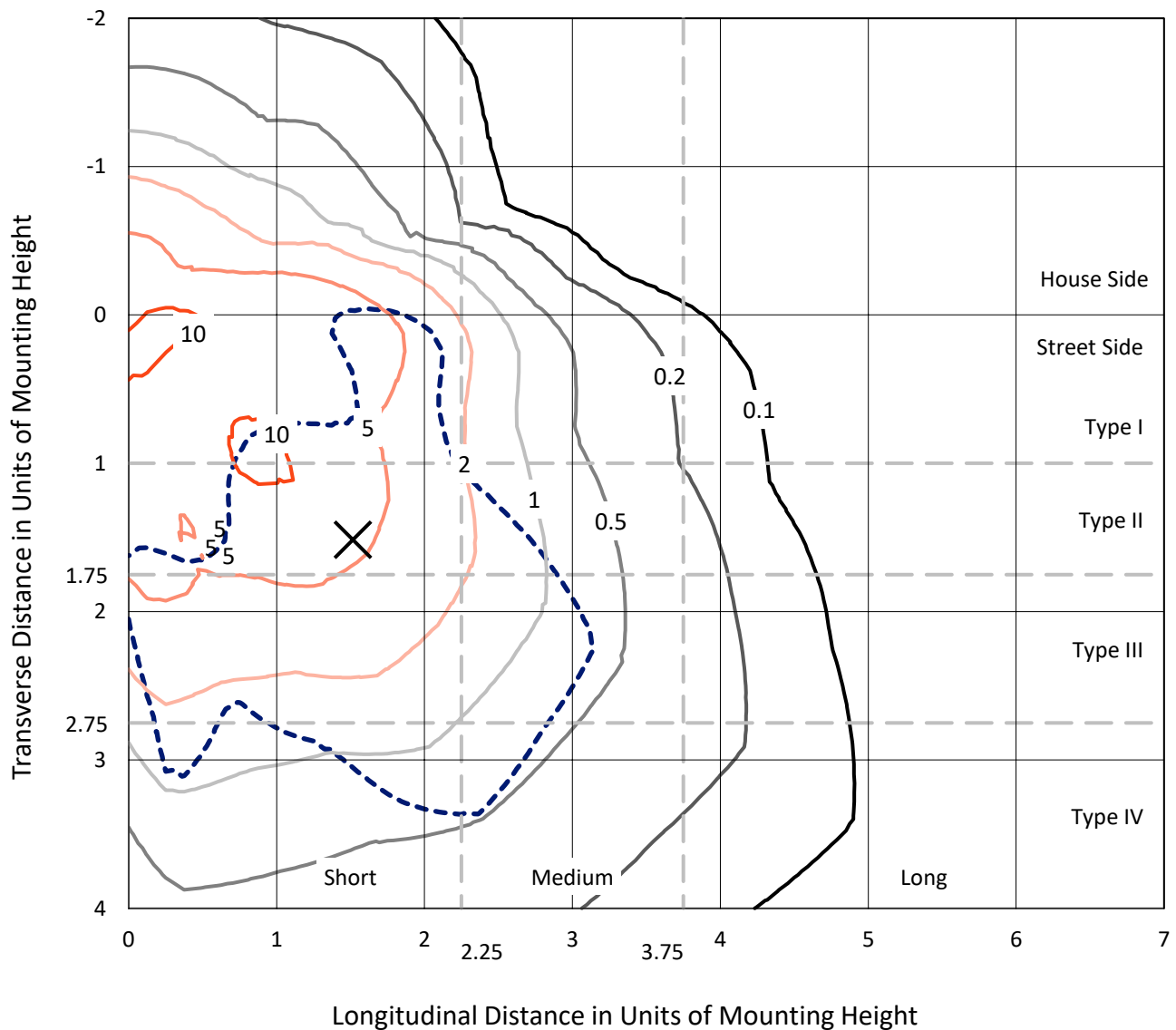


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
- - - 1/2 Max cd

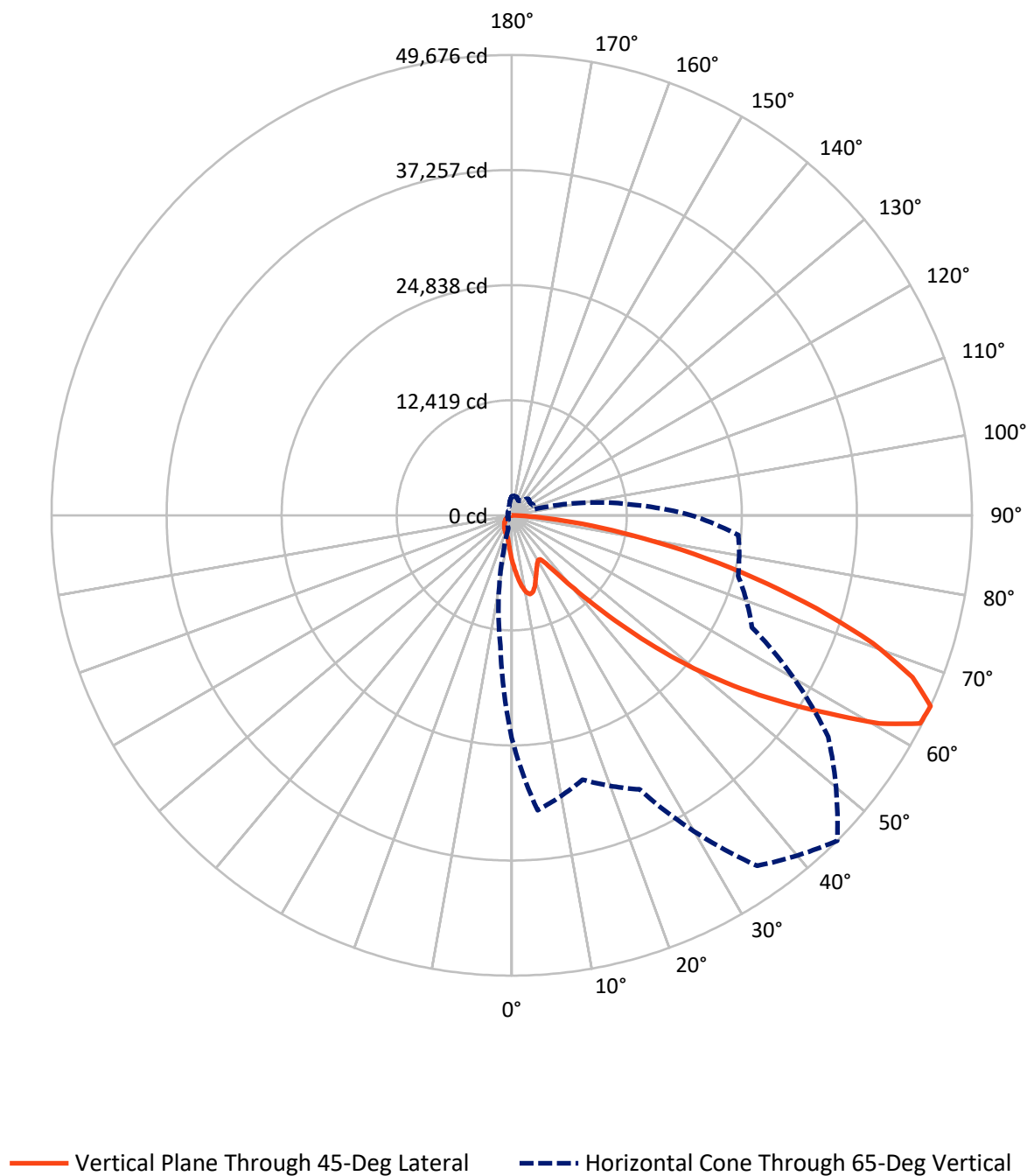


Based on 25 foot mounting height. Maximum calculated value = 12.9 fc

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    | 7025.7   | 0.0    | 7025.7  |
|                    | % Fixture | 19.9     | 0.0    | 19.9    |
| <b>Street Side</b> | Lumens    | 28320.3  | 0.0    | 28320.3 |
|                    | % Fixture | 80.1     | 0.0    | 80.1    |
| <b>Total</b>       | Lumens    | 35346.0  | 0.0    | 35346.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 481.9   | 1.4       |
| 10°-20°   | 1444.5  | 4.1       |
| 20°-30°   | 2128.0  | 6.0       |
| 30°-40°   | 2733.9  | 7.7       |
| 40°-50°   | 4421.5  | 12.5      |
| 50°-60°   | 7753.6  | 21.9      |
| 60°-70°   | 9701.8  | 27.4      |
| 70°-80°   | 5669.3  | 16.0      |
| 80°-90°   | 1011.5  | 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°    | 35346.0 | 100.0     |
| 0°-180°   | 35346.0 | 100.0     |

**Coefficient of Utilization**



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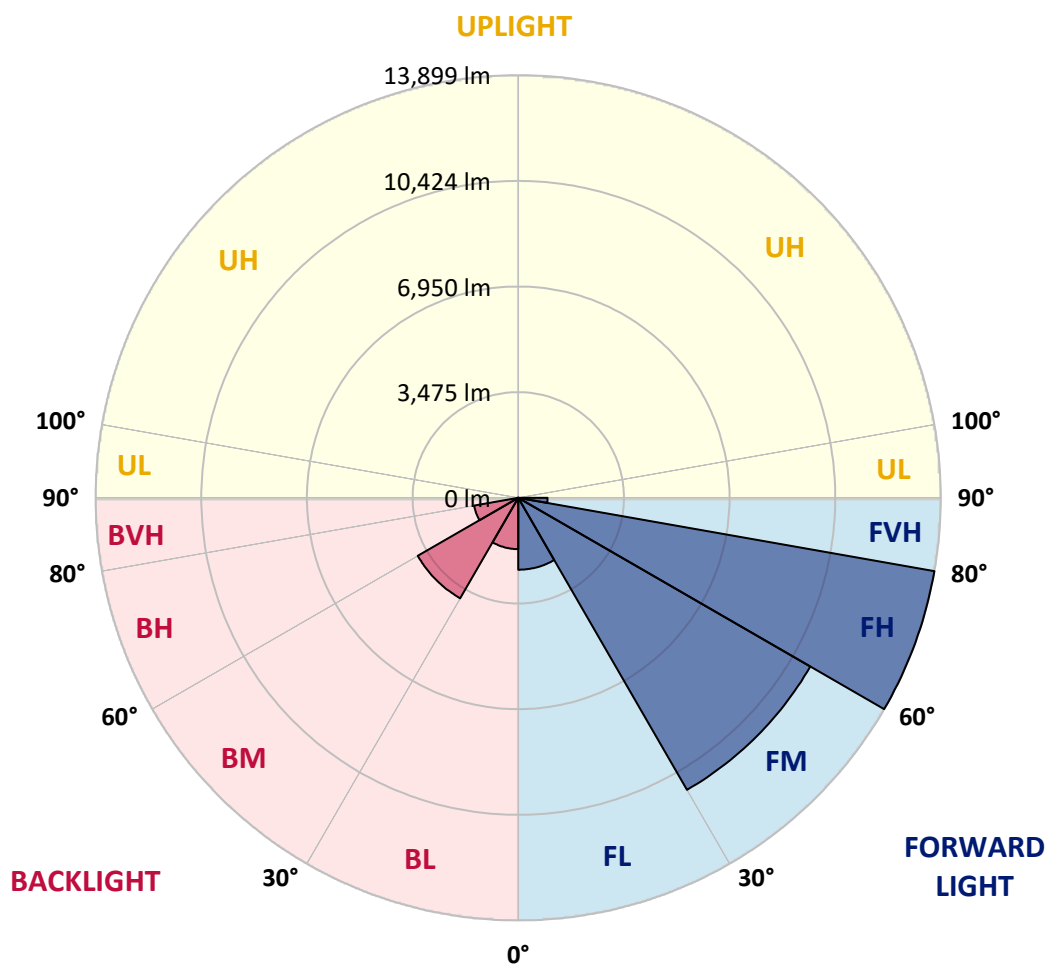
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 2365.1  | 6.7       |                         |      |         |
| FM   | (30°-60°)   | 11092.0 | 31.4      |                         |      |         |
| FH   | (60°-80°)   | 13899.1 | 39.3      |                         |      | G5      |
| FVH  | (80°-90°)   | 964.1   | 2.7       |                         |      | G5      |
| BL   | (0°-30°)    | 1689.3  | 4.8       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 3817.0  | 10.8      | B3/5000                 |      |         |
| BH   | (60°-80°)   | 1472.0  | 4.2       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 47.4    | 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°    | 4894.3  | 4894.3  | 4894.3  | 4894.3  | 4894.3  | 4894.3  | 4894.3  | 4894.3  | 4894.3  | 4894.3  |
| 2.5°  | 5483.6  | 5524.9  | 5617.5  | 5666.2  | 5741.7  | 5746.5  | 5746.5  | 5680.8  | 5678.4  | 5544.4  |
| 5°    | 6128.8  | 6226.2  | 6445.4  | 6671.8  | 6720.5  | 6732.7  | 6708.3  | 6576.9  | 6479.5  | 6218.9  |
| 7.5°  | 6769.2  | 6956.7  | 7290.3  | 7592.2  | 7689.6  | 7689.6  | 7631.2  | 7416.9  | 7217.3  | 6839.8  |
| 10°   | 7300.0  | 7536.2  | 7989.1  | 8327.6  | 8439.6  | 8415.3  | 8295.9  | 8025.7  | 7750.5  | 7292.7  |
| 12.5° | 7650.7  | 7916.1  | 8412.8  | 8685.5  | 8800.0  | 8736.7  | 8600.3  | 8337.3  | 8047.6  | 7565.5  |
| 15°   | 7826.0  | 8103.6  | 8534.6  | 8678.2  | 8646.6  | 8580.8  | 8563.8  | 8437.2  | 8218.0  | 7767.6  |
| 17.5° | 7901.5  | 8159.6  | 8459.1  | 8369.0  | 8101.1  | 8050.0  | 8220.5  | 8381.2  | 8327.6  | 7942.9  |
| 20°   | 7972.1  | 8188.8  | 8278.9  | 7879.6  | 7412.0  | 7365.8  | 7692.1  | 8149.8  | 8383.6  | 8106.0  |
| 22.5° | 8069.5  | 8203.4  | 8018.4  | 7363.3  | 6859.3  | 6752.2  | 7112.5  | 7801.6  | 8400.6  | 8313.0  |
| 25°   | 8203.4  | 8239.9  | 7731.0  | 6873.9  | 6367.4  | 6260.3  | 6596.3  | 7414.5  | 8371.4  | 8537.0  |
| 27.5° | 8364.1  | 8288.6  | 7455.9  | 6464.8  | 5975.4  | 5875.6  | 6211.6  | 7041.9  | 8288.6  | 8761.0  |
| 30°   | 8573.5  | 8351.9  | 7183.2  | 6148.3  | 5695.4  | 5622.3  | 5946.2  | 6720.5  | 8186.4  | 9045.9  |
| 32.5° | 8785.4  | 8378.7  | 6929.9  | 5963.2  | 5632.1  | 5658.9  | 5924.3  | 6547.6  | 8074.4  | 9318.6  |
| 35°   | 9014.3  | 8464.0  | 6805.7  | 6145.9  | 6160.5  | 6394.2  | 6503.8  | 6708.3  | 8057.3  | 9688.7  |
| 37.5° | 9325.9  | 8653.9  | 6954.3  | 7054.1  | 7560.6  | 8045.1  | 7955.0  | 7494.8  | 8254.5  | 10241.5 |
| 40°   | 9774.0  | 8987.5  | 7602.0  | 8600.3  | 9640.0  | 10426.5 | 10083.2 | 8924.2  | 8858.4  | 11037.7 |
| 42.5° | 10426.5 | 9518.3  | 8751.3  | 10489.9 | 12252.8 | 13548.2 | 12627.8 | 10767.4 | 9915.2  | 12174.9 |
| 45°   | 11390.8 | 10377.8 | 10141.7 | 12484.1 | 15474.2 | 17514.7 | 15600.9 | 12732.5 | 11395.7 | 13896.4 |
| 47.5° | 12727.6 | 11641.6 | 11444.4 | 14585.5 | 19389.7 | 22029.2 | 18897.8 | 14553.8 | 13080.7 | 16243.7 |
| 50°   | 14502.7 | 13343.6 | 12678.9 | 16884.1 | 23682.5 | 26631.3 | 22192.3 | 16311.9 | 15011.6 | 19112.1 |
| 52.5° | 16845.1 | 15717.7 | 14118.0 | 19073.1 | 28097.1 | 31136.0 | 25501.4 | 17855.6 | 17407.6 | 22440.7 |
| 55°   | 20039.8 | 19289.8 | 16085.4 | 21162.3 | 32509.3 | 35667.4 | 28681.5 | 19311.7 | 20573.1 | 26395.1 |
| 57.5° | 24003.9 | 24539.6 | 18922.2 | 23585.1 | 36475.9 | 40337.7 | 31876.2 | 21347.4 | 24683.3 | 30817.0 |
| 60°   | 26560.7 | 31520.7 | 24354.6 | 27167.0 | 40983.0 | 45619.2 | 36254.3 | 25219.0 | 29002.9 | 32402.1 |
| 62.5° | 25942.2 | 33741.4 | 30860.8 | 31739.8 | 45127.3 | 49459.1 | 40544.7 | 29107.6 | 29816.2 | 30067.0 |
| 65°   | 24045.3 | 31949.2 | 29533.8 | 32628.6 | 46176.8 | 49675.8 | 41691.6 | 28606.0 | 25292.0 | 24546.9 |
| 67.5° | 21435.0 | 29823.5 | 26380.5 | 30271.5 | 44279.9 | 46646.7 | 39556.1 | 25304.2 | 19545.5 | 18420.5 |
| 70°   | 18617.8 | 27471.3 | 24310.7 | 27627.2 | 40664.0 | 41367.7 | 35925.5 | 22255.6 | 14376.1 | 12440.3 |
| 72.5° | 15944.2 | 25021.8 | 22893.6 | 24917.0 | 35840.3 | 34384.2 | 31199.3 | 19560.1 | 10467.9 | 8972.9  |
| 75°   | 13209.7 | 21408.3 | 20875.0 | 21698.0 | 29497.2 | 27084.2 | 25922.7 | 16195.0 | 8215.6  | 6491.6  |
| 77.5° | 10192.8 | 16728.2 | 17955.5 | 17375.9 | 20763.0 | 20117.7 | 20093.4 | 12170.0 | 6002.2  | 4331.8  |
| 80°   | 6976.2  | 11658.6 | 14027.9 | 12257.6 | 13475.1 | 13146.4 | 15133.3 | 8164.5  | 4353.7  | 2607.9  |
| 82.5° | 4100.5  | 7097.9  | 9764.2  | 5934.0  | 7451.0  | 7648.2  | 9011.8  | 3971.4  | 2561.6  | 601.4   |
| 85°   | 1663.1  | 2802.7  | 3818.0  | 2323.0  | 3594.0  | 3031.5  | 3421.1  | 1115.2  | 713.4   | 14.6    |
| 87.5° | 418.8   | 896.1   | 628.2   | 260.5   | 416.4   | 382.3   | 301.9   | 136.4   | 29.2    | 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):**

| 90°     |       | 95°     | 105°    | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|---------|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 4894.3  | 0°    | 4894.3  | 4894.3  | 4894.3 | 4894.3 | 4894.3 | 4894.3 | 4894.3 | 4894.3 | 4894.3 | 4894.3 |
| 5529.8  | 2.5°  | 5434.9  | 5378.8  | 5240.1 | 5101.3 | 4989.3 | 4838.3 | 4738.5 | 4619.1 | 4504.7 | 4402.4 |
| 6162.9  | 5°    | 6009.5  | 5824.4  | 5571.2 | 5339.9 | 5103.7 | 4874.8 | 4648.4 | 4409.7 | 4190.6 | 4056.7 |
| 6698.6  | 7.5°  | 6477.0  | 6150.7  | 5814.7 | 5520.1 | 5235.2 | 4967.3 | 4667.8 | 4378.1 | 4034.7 | 3852.1 |
| 7107.7  | 10°   | 6825.2  | 6396.7  | 5955.9 | 5617.5 | 5330.1 | 5069.6 | 4816.4 | 4524.2 | 4110.2 | 3881.3 |
| 7356.0  | 12.5° | 7054.1  | 6545.2  | 6029.0 | 5641.8 | 5320.4 | 5118.3 | 5006.3 | 4891.9 | 4480.3 | 4212.5 |
| 7538.7  | 15°   | 7212.4  | 6649.9  | 6080.1 | 5585.8 | 5191.4 | 5042.8 | 5154.8 | 5286.3 | 5023.3 | 4714.1 |
| 7728.6  | 17.5° | 7385.3  | 6786.3  | 6102.0 | 5434.9 | 4940.6 | 4877.2 | 5167.0 | 5471.4 | 5459.2 | 5152.4 |
| 7908.8  | 20°   | 7567.9  | 6905.6  | 6087.4 | 5191.4 | 4636.2 | 4692.2 | 5062.3 | 5415.4 | 5563.9 | 5398.3 |
| 8115.8  | 22.5° | 7755.4  | 7020.0  | 6031.4 | 4874.8 | 4351.3 | 4526.6 | 4896.7 | 5206.0 | 5381.3 | 5330.1 |
| 8369.0  | 25°   | 7991.6  | 7180.7  | 5948.6 | 4533.9 | 4115.1 | 4358.6 | 4704.4 | 4955.2 | 5076.9 | 5074.5 |
| 8641.7  | 27.5° | 8274.0  | 7395.0  | 5904.8 | 4258.8 | 3947.1 | 4168.7 | 4475.5 | 4699.5 | 4784.7 | 4784.7 |
| 8980.2  | 30°   | 8602.7  | 7648.2  | 5856.1 | 4078.6 | 3849.7 | 3971.4 | 4210.1 | 4429.2 | 4514.4 | 4514.4 |
| 9350.3  | 32.5° | 8968.0  | 7891.7  | 5739.2 | 3969.0 | 3776.6 | 3779.1 | 3930.0 | 4129.7 | 4232.0 | 4246.6 |
| 9812.9  | 35°   | 9406.3  | 8152.3  | 5483.6 | 3881.3 | 3691.4 | 3591.6 | 3664.6 | 3830.2 | 3952.0 | 3983.6 |
| 10472.8 | 37.5° | 9980.9  | 8471.3  | 5118.3 | 3752.3 | 3559.9 | 3394.3 | 3411.4 | 3538.0 | 3671.9 | 3720.6 |
| 11383.5 | 40°   | 10752.8 | 8846.2  | 4738.5 | 3567.2 | 3374.9 | 3177.6 | 3170.3 | 3262.9 | 3394.3 | 3447.9 |
| 12615.6 | 42.5° | 11773.1 | 9296.7  | 4375.6 | 3389.5 | 3150.9 | 2948.7 | 2936.6 | 3009.6 | 3124.1 | 3180.1 |
| 14242.1 | 45°   | 13078.2 | 9849.5  | 4064.0 | 3250.7 | 2931.7 | 2732.0 | 2727.2 | 2788.0 | 2887.9 | 2946.3 |
| 16324.0 | 47.5° | 14892.3 | 10402.2 | 3852.1 | 3177.6 | 2758.8 | 2554.3 | 2564.0 | 2617.6 | 2707.7 | 2749.1 |
| 19019.6 | 50°   | 17256.6 | 10570.2 | 3745.0 | 3177.6 | 2666.3 | 2396.0 | 2444.7 | 2488.5 | 2556.7 | 2581.1 |
| 22250.8 | 52.5° | 19526.0 | 10015.0 | 3647.6 | 3197.1 | 2678.5 | 2262.1 | 2366.8 | 2398.4 | 2456.9 | 2466.6 |
| 25245.8 | 55°   | 20638.8 | 8610.1  | 3513.7 | 3202.0 | 2754.0 | 2147.6 | 2303.5 | 2361.9 | 2383.8 | 2381.4 |
| 26984.3 | 57.5° | 20256.5 | 6961.6  | 3287.2 | 3182.5 | 2805.1 | 2074.6 | 2225.6 | 2337.6 | 2352.2 | 2330.3 |
| 26653.2 | 60°   | 18914.8 | 5125.6  | 3114.3 | 3038.8 | 2785.6 | 2052.7 | 2106.2 | 2284.0 | 2305.9 | 2276.7 |
| 24101.3 | 62.5° | 16664.9 | 3557.5  | 2980.4 | 2722.3 | 2700.4 | 2045.4 | 1918.8 | 2167.1 | 2220.7 | 2179.3 |
| 19372.6 | 65°   | 13119.6 | 2512.9  | 2566.5 | 2386.3 | 2515.3 | 2006.4 | 1724.0 | 2025.9 | 2098.9 | 2035.6 |
| 14054.6 | 67.5° | 8877.9  | 1814.1  | 2079.5 | 2162.3 | 2215.8 | 1918.8 | 1582.7 | 1865.2 | 1962.6 | 1879.8 |
| 9019.1  | 70°   | 4794.5  | 1273.5  | 1373.3 | 1821.4 | 1882.2 | 1767.8 | 1456.1 | 1702.0 | 1814.1 | 1724.0 |
| 6411.3  | 72.5° | 2831.9  | 915.5   | 961.8  | 1463.4 | 1568.1 | 1555.9 | 1314.9 | 1512.1 | 1648.5 | 1541.3 |
| 4424.3  | 75°   | 1560.8  | 618.5   | 686.7  | 1061.6 | 1273.5 | 1200.4 | 1129.8 | 1280.8 | 1419.6 | 1314.9 |
| 2773.4  | 77.5° | 698.8   | 370.1   | 477.3  | 696.4  | 1000.8 | 823.0  | 874.2  | 998.3  | 1127.4 | 1017.8 |
| 1543.8  | 80°   | 270.3   | 207.0   | 316.5  | 379.9  | 728.1  | 455.3  | 562.5  | 735.4  | 827.9  | 740.2  |
| 336.0   | 82.5° | 34.1    | 92.5    | 136.4  | 148.5  | 423.7  | 241.1  | 326.3  | 462.6  | 455.3  | 394.5  |
| 0.0     | 85°   | 0.0     | 17.0    | 19.5   | 9.7    | 182.6  | 87.7   | 107.1  | 151.0  | 141.2  | 107.1  |
| 0.0     | 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.9    | 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 4894.3 | 0°    | 4894.3 | 4894.3 | 4894.3 | 4894.3 | 4894.3 | 4894.3 | 4894.3 | 4894.3 | 4894.3 | 4894.3 |
| 4382.9 | 2.5°  | 4263.6 | 4176.0 | 4132.1 | 4095.6 | 4129.7 | 4149.2 | 4149.2 | 4232.0 | 4280.7 | 4300.2 |
| 3971.4 | 5°    | 3757.2 | 3594.0 | 3484.4 | 3418.7 | 3440.6 | 3465.0 | 3491.7 | 3596.5 | 3667.1 | 3713.3 |
| 3686.5 | 7.5°  | 3357.8 | 3109.5 | 2956.1 | 2875.7 | 2887.9 | 2904.9 | 2926.8 | 3029.1 | 3099.7 | 3160.6 |
| 3633.0 | 10°   | 3160.6 | 2810.0 | 2607.9 | 2510.5 | 2493.4 | 2483.7 | 2476.4 | 2537.2 | 2590.8 | 2639.5 |
| 3852.1 | 12.5° | 3170.3 | 2680.9 | 2435.0 | 2315.7 | 2264.5 | 2206.1 | 2159.8 | 2169.6 | 2203.6 | 2264.5 |
| 4244.2 | 15°   | 3294.5 | 2639.5 | 2344.9 | 2196.3 | 2111.1 | 2042.9 | 1986.9 | 1974.8 | 1986.9 | 1996.7 |
| 4692.2 | 17.5° | 3462.5 | 2634.6 | 2267.0 | 2081.9 | 1994.2 | 1938.2 | 1887.1 | 1870.1 | 1872.5 | 1884.7 |
| 4989.3 | 20°   | 3596.5 | 2620.0 | 2179.3 | 1972.3 | 1894.4 | 1845.7 | 1794.6 | 1777.5 | 1782.4 | 1784.8 |
| 5018.5 | 22.5° | 3667.1 | 2598.1 | 2081.9 | 1862.8 | 1797.0 | 1748.3 | 1702.0 | 1699.6 | 1699.6 | 1714.2 |
| 4860.2 | 25°   | 3667.1 | 2551.8 | 1994.2 | 1758.0 | 1699.6 | 1655.8 | 1599.8 | 1609.5 | 1614.4 | 1633.9 |
| 4614.3 | 27.5° | 3579.4 | 2464.2 | 1923.6 | 1668.0 | 1607.1 | 1563.3 | 1512.1 | 1524.3 | 1531.6 | 1553.5 |
| 4370.8 | 30°   | 3467.4 | 2359.5 | 1843.3 | 1582.7 | 1512.1 | 1480.5 | 1436.6 | 1441.5 | 1451.2 | 1475.6 |
| 4144.3 | 32.5° | 3348.1 | 2235.3 | 1777.5 | 1497.5 | 1426.9 | 1402.5 | 1353.8 | 1361.1 | 1370.9 | 1397.7 |
| 3920.3 | 35°   | 3216.6 | 2089.2 | 1699.6 | 1419.6 | 1349.0 | 1329.5 | 1273.5 | 1278.4 | 1293.0 | 1322.2 |
| 3679.2 | 37.5° | 3077.8 | 1969.9 | 1621.7 | 1344.1 | 1271.1 | 1251.6 | 1193.1 | 1198.0 | 1215.1 | 1249.1 |
| 3426.0 | 40°   | 2941.4 | 1853.0 | 1538.9 | 1263.7 | 1190.7 | 1173.7 | 1110.3 | 1115.2 | 1134.7 | 1171.2 |
| 3170.3 | 42.5° | 2792.9 | 1762.9 | 1431.8 | 1181.0 | 1103.0 | 1086.0 | 1027.6 | 1034.9 | 1056.8 | 1093.3 |
| 2934.1 | 45°   | 2615.2 | 1704.5 | 1312.4 | 1103.0 | 1015.4 | 998.3  | 944.8  | 959.4  | 983.7  | 1020.3 |
| 2732.0 | 47.5° | 2432.5 | 1680.1 | 1212.6 | 1020.3 | 925.3  | 910.7  | 866.8  | 891.2  | 918.0  | 947.2  |
| 2559.2 | 50°   | 2257.2 | 1648.5 | 1110.3 | 942.3  | 847.4  | 832.8  | 803.5  | 835.2  | 862.0  | 888.8  |
| 2435.0 | 52.5° | 2057.5 | 1580.3 | 1017.8 | 874.2  | 781.6  | 776.8  | 762.1  | 791.4  | 815.7  | 840.1  |
| 2327.8 | 55°   | 1850.6 | 1470.7 | 937.5  | 813.3  | 725.6  | 730.5  | 723.2  | 747.5  | 767.0  | 788.9  |
| 2230.4 | 57.5° | 1670.4 | 1331.9 | 874.2  | 747.5  | 676.9  | 691.5  | 681.8  | 694.0  | 706.1  | 732.9  |
| 2113.6 | 60°   | 1487.8 | 1166.4 | 803.5  | 669.6  | 628.2  | 645.3  | 618.5  | 616.0  | 620.9  | 628.2  |
| 1940.7 | 62.5° | 1241.8 | 993.5  | 715.9  | 601.4  | 574.7  | 582.0  | 530.8  | 491.9  | 491.9  | 499.2  |
| 1699.6 | 65°   | 998.3  | 832.8  | 618.5  | 523.5  | 501.6  | 496.7  | 423.7  | 370.1  | 365.2  | 387.2  |
| 1419.6 | 67.5° | 820.6  | 691.5  | 521.1  | 435.9  | 421.2  | 426.1  | 372.6  | 319.0  | 314.1  | 338.5  |
| 1156.6 | 70°   | 679.4  | 557.6  | 416.4  | 336.0  | 350.6  | 372.6  | 319.0  | 267.8  | 260.5  | 282.5  |
| 939.9  | 72.5° | 540.6  | 435.9  | 319.0  | 248.4  | 289.8  | 316.5  | 260.5  | 211.8  | 207.0  | 226.5  |
| 725.6  | 75°   | 396.9  | 311.7  | 216.7  | 180.2  | 224.0  | 248.4  | 189.9  | 151.0  | 143.7  | 160.7  |
| 484.6  | 77.5° | 245.9  | 175.3  | 136.4  | 107.1  | 153.4  | 165.6  | 99.8   | 87.7   | 85.2   | 97.4   |
| 294.6  | 80°   | 114.4  | 75.5   | 65.7   | 36.5   | 56.0   | 65.7   | 41.4   | 46.3   | 48.7   | 58.4   |
| 148.5  | 82.5° | 31.7   | 12.2   | 2.4    | 0.0    | 0.0    | 19.5   | 9.7    | 19.5   | 24.3   | 36.5   |
| 12.2   | 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.9    | 12.2   | 21.9   |
| 0.0    | 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 9.7    |
| 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°    |
|--------|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| 4894.3 | 0°    | 4894.3 | 4894.3 | 4894.3 | 4894.3 | 4894.3 | 4894.3 | 4894.3  | 4894.3  |
| 4436.5 | 2.5°  | 4538.8 | 4636.2 | 4792.0 | 4952.7 | 5111.0 | 5271.7 | 5427.5  | 5483.6  |
| 3925.2 | 5°    | 4117.5 | 4341.6 | 4650.8 | 4981.9 | 5322.8 | 5668.6 | 5985.2  | 6128.8  |
| 3396.8 | 7.5°  | 3647.6 | 3969.0 | 4434.1 | 4952.7 | 5495.7 | 6038.7 | 6537.9  | 6769.2  |
| 2873.3 | 10°   | 3146.0 | 3552.6 | 4083.4 | 4784.7 | 5563.9 | 6313.9 | 7000.5  | 7300.0  |
| 2413.1 | 12.5° | 2668.7 | 3094.8 | 3681.7 | 4521.7 | 5510.3 | 6472.2 | 7297.6  | 7650.7  |
| 2089.2 | 15°   | 2269.4 | 2646.8 | 3279.9 | 4210.1 | 5337.5 | 6481.9 | 7438.8  | 7826.0  |
| 1909.0 | 17.5° | 1969.9 | 2215.8 | 2870.8 | 3864.3 | 5111.0 | 6391.8 | 7487.5  | 7901.5  |
| 1811.6 | 20°   | 1821.4 | 1889.5 | 2340.0 | 3421.1 | 4899.2 | 6306.6 | 7536.2  | 7972.1  |
| 1733.7 | 22.5° | 1733.7 | 1750.7 | 1913.9 | 2848.9 | 4645.9 | 6279.8 | 7621.5  | 8069.5  |
| 1663.1 | 25°   | 1663.1 | 1668.0 | 1711.8 | 2257.2 | 4258.8 | 6262.7 | 7752.9  | 8203.4  |
| 1590.0 | 27.5° | 1592.5 | 1592.5 | 1616.8 | 1818.9 | 3732.8 | 6189.7 | 7923.4  | 8364.1  |
| 1517.0 | 30°   | 1521.9 | 1521.9 | 1538.9 | 1609.5 | 3116.8 | 6046.0 | 8127.9  | 8573.5  |
| 1443.9 | 32.5° | 1448.8 | 1448.8 | 1463.4 | 1514.6 | 2488.5 | 5865.8 | 8315.4  | 8785.4  |
| 1368.5 | 35°   | 1375.8 | 1370.9 | 1390.4 | 1443.9 | 1979.6 | 5637.0 | 8502.9  | 9014.3  |
| 1293.0 | 37.5° | 1297.8 | 1295.4 | 1314.9 | 1375.8 | 1709.3 | 5371.5 | 8644.1  | 9325.9  |
| 1217.5 | 40°   | 1215.1 | 1215.1 | 1237.0 | 1302.7 | 1631.4 | 5038.0 | 8868.2  | 9774.0  |
| 1139.6 | 42.5° | 1139.6 | 1134.7 | 1159.0 | 1239.4 | 1573.0 | 4719.0 | 9269.9  | 10426.5 |
| 1069.0 | 45°   | 1066.5 | 1056.8 | 1078.7 | 1178.5 | 1470.7 | 4607.0 | 10019.9 | 11390.8 |
| 1000.8 | 47.5° | 998.3  | 974.0  | 993.5  | 1105.5 | 1378.2 | 5025.8 | 11247.1 | 12727.6 |
| 939.9  | 50°   | 942.3  | 896.1  | 913.1  | 1032.4 | 1307.6 | 5934.0 | 12839.6 | 14502.7 |
| 883.9  | 52.5° | 883.9  | 823.0  | 832.8  | 942.3  | 1244.3 | 6798.4 | 14566.0 | 16845.1 |
| 827.9  | 55°   | 823.0  | 754.8  | 759.7  | 852.2  | 1154.2 | 6927.5 | 16251.0 | 20039.8 |
| 764.6  | 57.5° | 754.8  | 691.5  | 691.5  | 769.5  | 1088.4 | 6004.6 | 17546.4 | 24003.9 |
| 686.7  | 60°   | 679.4  | 638.0  | 625.8  | 703.7  | 1146.9 | 4236.8 | 17697.4 | 26560.7 |
| 586.8  | 62.5° | 596.6  | 574.7  | 557.6  | 640.4  | 1190.7 | 2510.5 | 16482.3 | 25942.2 |
| 462.6  | 65°   | 501.6  | 496.7  | 484.6  | 703.7  | 1003.2 | 1482.9 | 14149.6 | 24045.3 |
| 394.5  | 67.5° | 421.2  | 413.9  | 413.9  | 737.8  | 762.1  | 932.6  | 11054.8 | 21435.0 |
| 336.0  | 70°   | 362.8  | 336.0  | 336.0  | 557.6  | 462.6  | 645.3  | 7718.9  | 18617.8 |
| 277.6  | 72.5° | 304.4  | 275.2  | 255.7  | 445.6  | 345.8  | 472.4  | 4823.7  | 15944.2 |
| 211.8  | 75°   | 243.5  | 221.6  | 197.2  | 294.6  | 258.1  | 357.9  | 2802.7  | 13209.7 |
| 133.9  | 77.5° | 175.3  | 165.6  | 138.8  | 216.7  | 187.5  | 258.1  | 1668.0  | 10192.8 |
| 82.8   | 80°   | 90.1   | 92.5   | 87.7   | 124.2  | 126.6  | 175.3  | 949.6   | 6976.2  |
| 53.6   | 82.5° | 53.6   | 41.4   | 46.3   | 60.9   | 73.0   | 99.8   | 357.9   | 4100.5  |
| 39.0   | 85°   | 34.1   | 21.9   | 21.9   | 29.2   | 36.5   | 39.0   | 109.6   | 1663.1  |
| 19.5   | 87.5° | 17.0   | 7.3    | 9.7    | 14.6   | 12.2   | 9.7    | 4.9     | 418.8   |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

(END OF REPORT)