

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: P940309

Luminaire Tested: **GLAN-SB3B-760-U-T4FT**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P940309  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3B-760-U-T4FT  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 70 CRI, 5700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV  
FORWARD THROW OPTICS  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 17667 lumens  
Efficiency: N/A  
Efficacy: 161.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G3

Input Watts (W): 109.2  
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

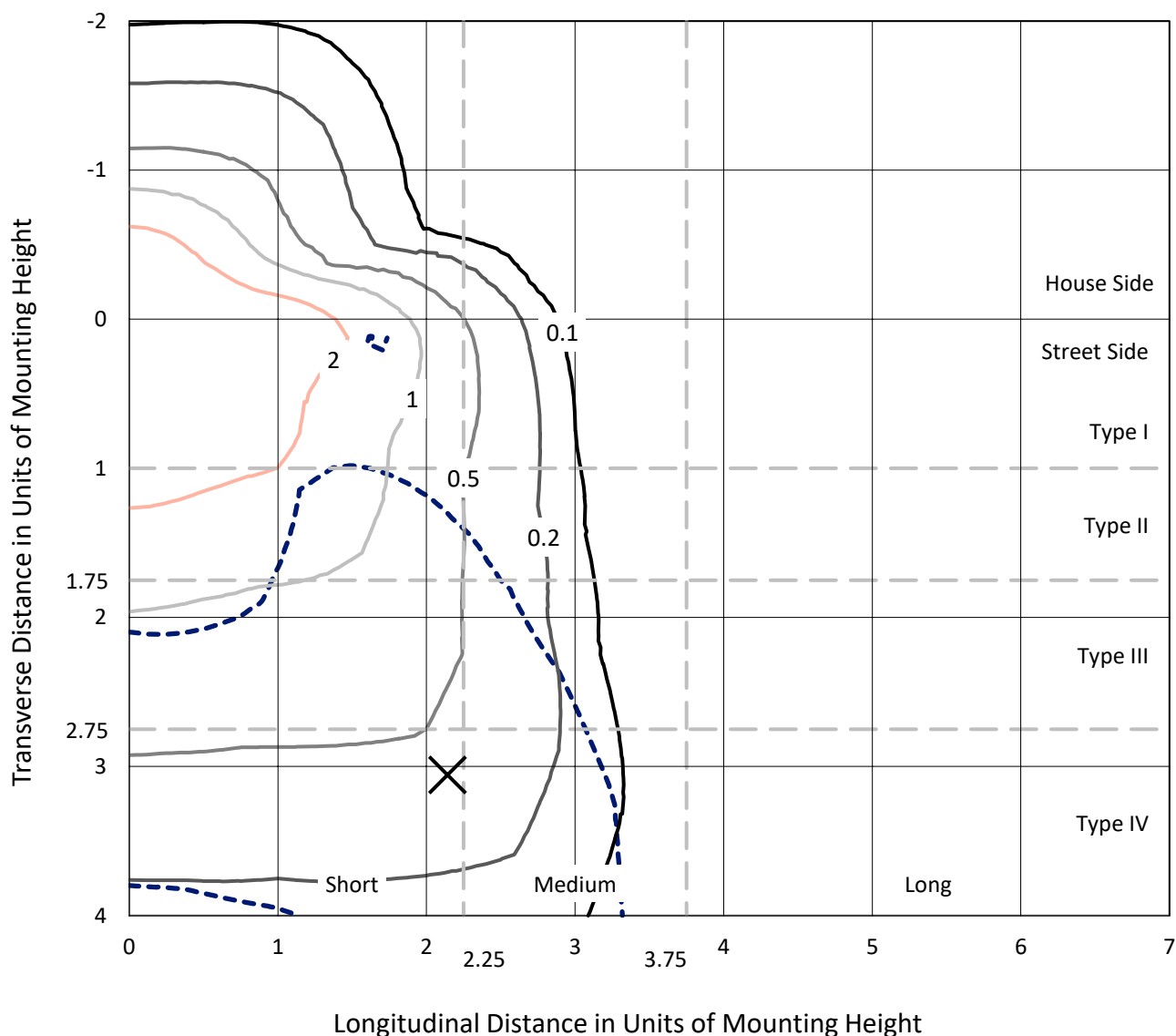


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
- - - 1/2 Max cd

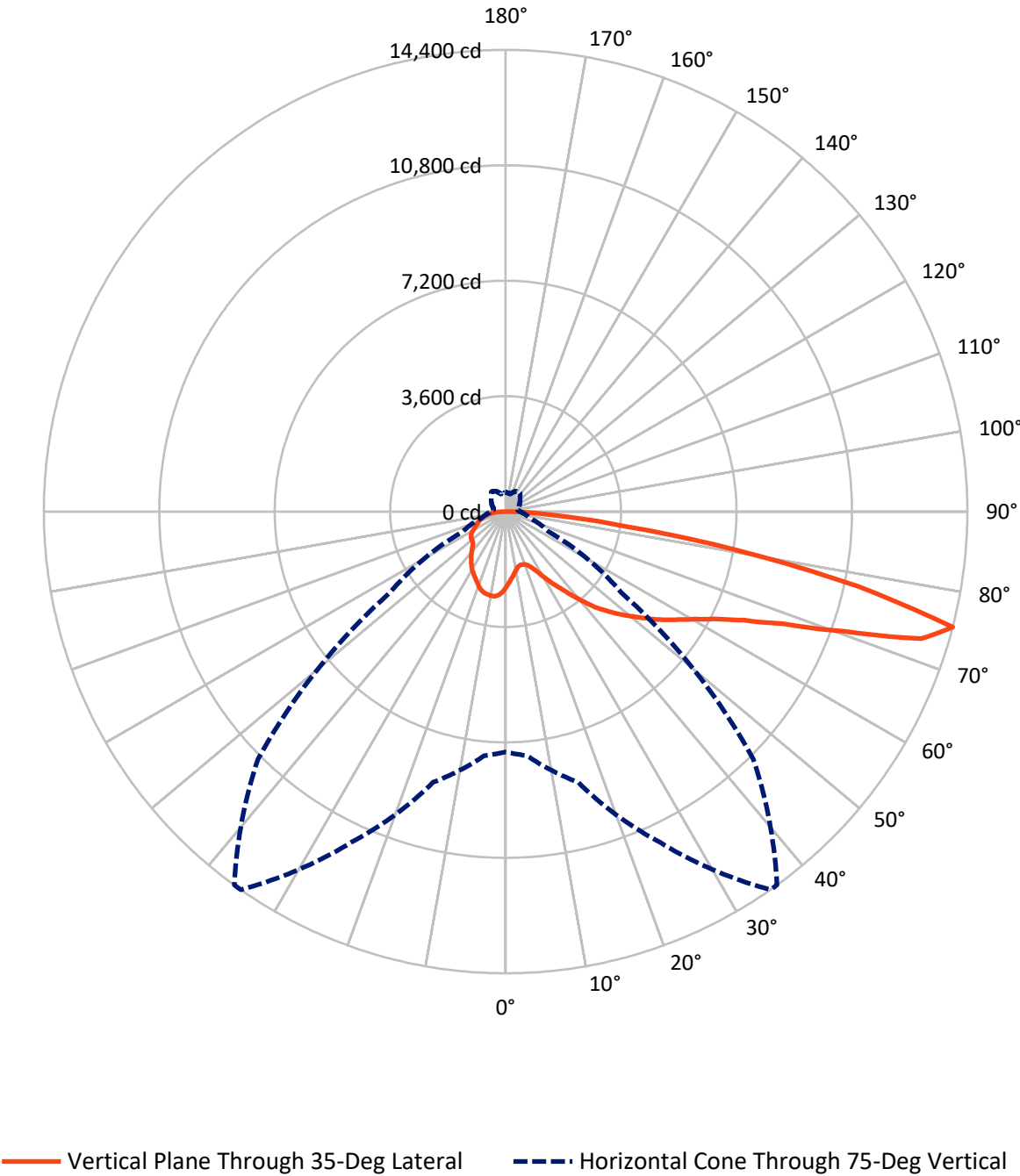


Based on 25 foot mounting height. Maximum calculated value = 4.2 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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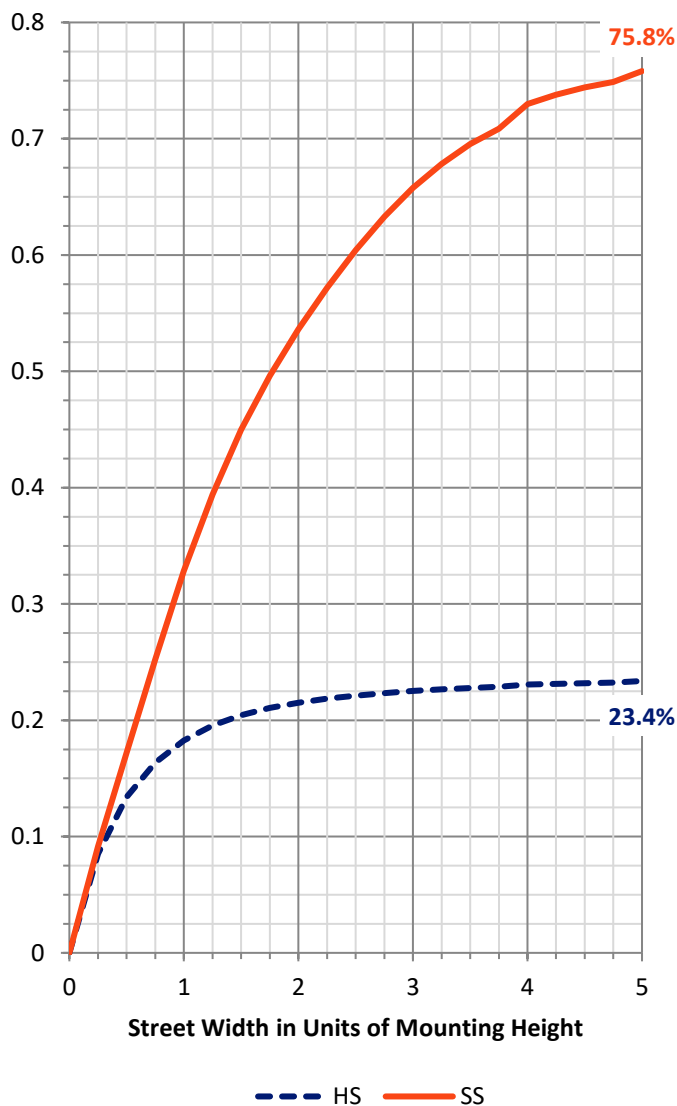
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4204.3   | 0.0    | 4204.3  |
|                    | % Fixture | 23.8     | 0.0    | 23.8    |
| <b>Street Side</b> | Lumens    | 13462.7  | 0.0    | 13462.7 |
|                    | % Fixture | 76.2     | 0.0    | 76.2    |
| <b>Total</b>       | Lumens    | 17667.0  | 0.0    | 17667.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 222.9   | 1.3       |
| 10°-20°   | 642.9   | 3.6       |
| 20°-30°   | 1079.7  | 6.1       |
| 30°-40°   | 1678.0  | 9.5       |
| 40°-50°   | 2490.5  | 14.1      |
| 50°-60°   | 3438.3  | 19.5      |
| 60°-70°   | 4171.5  | 23.6      |
| 70°-80°   | 3447.4  | 19.5      |
| 80°-90°   | 495.8   | 2.8       |
| 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°    | 17667.0 | 100.0     |
| 0°-180°   | 17667.0 | 100.0     |

**Coefficient of Utilization**



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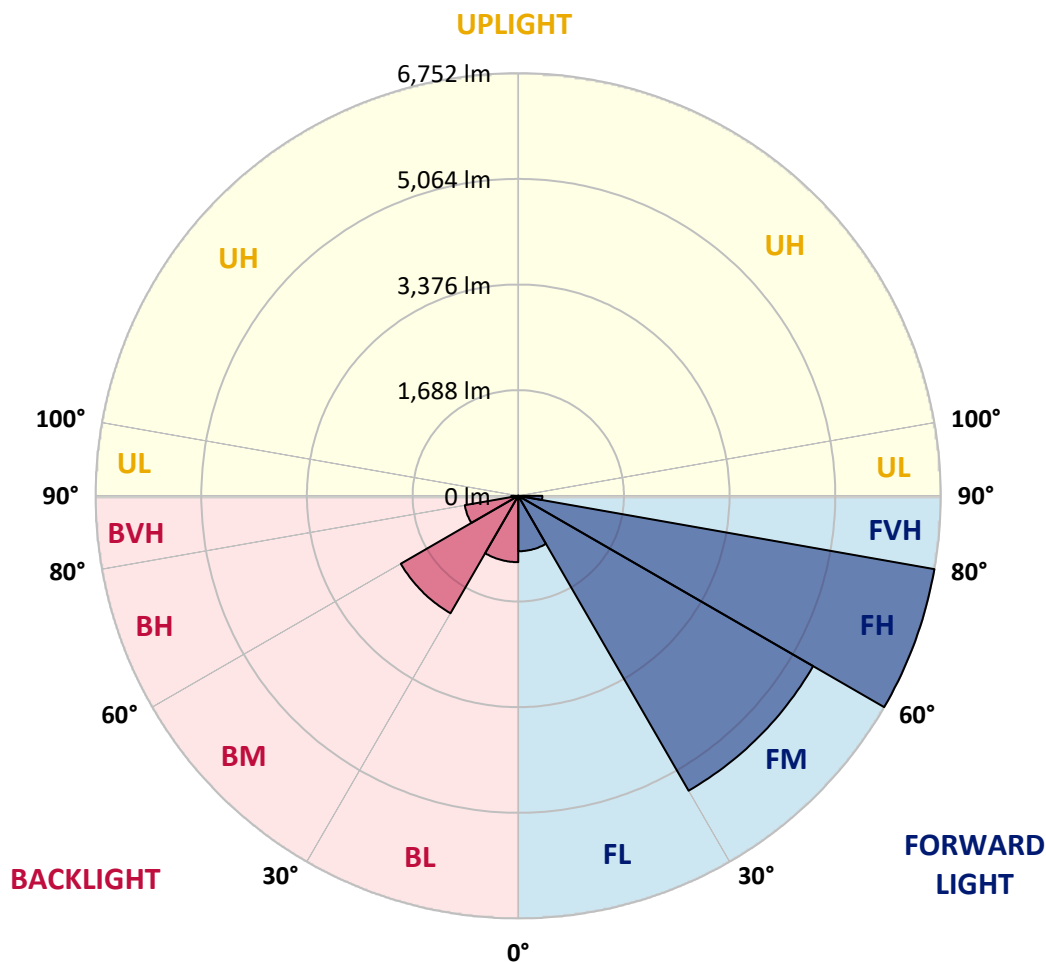
CATALOG NUMBER: GLAN-SB3B-760-U-T4FT

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 886.0  | 5.0       |                         |      |         |
| FM   | (30°-60°)   | 5440.5 | 30.8      |                         |      |         |
| FH   | (60°-80°)   | 6752.1 | 38.2      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 384.2  | 2.2       |                         |      | G3/500  |
| BL   | (0°-30°)    | 1059.5 | 6.0       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 2166.3 | 12.3      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 866.8  | 4.9       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 111.7  | 0.6       |                         |      | G2/225  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G3**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°     | 35°     | 36°     | 45°     | 55°    | 65°    | 75°    |
|-------|--------|--------|--------|---------|---------|---------|---------|--------|--------|--------|
| 0°    | 2354.2 | 2354.2 | 2354.2 | 2354.2  | 2354.2  | 2354.2  | 2354.2  | 2354.2 | 2354.2 | 2354.2 |
| 2.5°  | 2170.9 | 2184.2 | 2190.0 | 2187.1  | 2201.4  | 2199.5  | 2219.6  | 2244.4 | 2278.8 | 2312.2 |
| 5°    | 2003.7 | 2018.1 | 2030.5 | 2041.9  | 2069.6  | 2078.2  | 2109.7  | 2157.5 | 2220.5 | 2284.5 |
| 7.5°  | 1848.1 | 1860.5 | 1879.6 | 1900.6  | 1947.4  | 1956.0  | 2008.5  | 2083.0 | 2170.9 | 2264.5 |
| 10°   | 1721.0 | 1733.5 | 1753.5 | 1777.4  | 1835.6  | 1846.2  | 1913.0  | 2012.3 | 2126.9 | 2245.4 |
| 12.5° | 1666.6 | 1670.4 | 1681.9 | 1705.8  | 1756.4  | 1763.1  | 1836.6  | 1950.3 | 2084.0 | 2231.0 |
| 15°   | 1663.7 | 1671.4 | 1672.3 | 1684.7  | 1726.8  | 1729.6  | 1797.4  | 1910.1 | 2057.2 | 2228.2 |
| 17.5° | 1692.4 | 1698.1 | 1689.5 | 1697.2  | 1732.5  | 1737.3  | 1790.8  | 1891.0 | 2048.6 | 2240.6 |
| 20°   | 1768.8 | 1773.6 | 1747.8 | 1737.3  | 1763.1  | 1766.9  | 1819.4  | 1903.5 | 2057.2 | 2266.4 |
| 22.5° | 1931.2 | 1934.0 | 1871.0 | 1828.0  | 1829.9  | 1831.8  | 1877.7  | 1954.1 | 2090.6 | 2313.2 |
| 25°   | 2184.2 | 2182.3 | 2082.1 | 1999.0  | 1951.2  | 1940.7  | 1971.3  | 2036.2 | 2147.0 | 2375.3 |
| 27.5° | 2480.3 | 2466.0 | 2365.7 | 2241.5  | 2137.4  | 2122.2  | 2115.5  | 2143.2 | 2227.2 | 2457.4 |
| 30°   | 2814.6 | 2801.2 | 2693.3 | 2530.9  | 2386.7  | 2361.9  | 2298.9  | 2284.5 | 2346.6 | 2569.1 |
| 32.5° | 3181.3 | 3172.7 | 3043.8 | 2847.1  | 2654.1  | 2625.5  | 2519.5  | 2481.3 | 2530.0 | 2738.2 |
| 35°   | 3488.9 | 3481.2 | 3374.3 | 3171.8  | 2935.9  | 2900.5  | 2792.6  | 2749.6 | 2774.5 | 2955.0 |
| 37.5° | 3766.8 | 3763.0 | 3671.3 | 3511.8  | 3268.2  | 3225.3  | 3104.0  | 3089.7 | 3084.9 | 3240.6 |
| 40°   | 4024.7 | 4015.1 | 3919.6 | 3835.6  | 3655.1  | 3615.9  | 3508.9  | 3496.5 | 3460.2 | 3592.0 |
| 42.5° | 4310.2 | 4285.4 | 4146.9 | 4107.8  | 4059.0  | 4026.6  | 3962.6  | 3964.5 | 3884.3 | 3988.4 |
| 45°   | 4543.3 | 4528.9 | 4386.6 | 4363.7  | 4416.2  | 4402.9  | 4458.3  | 4472.6 | 4316.9 | 4403.8 |
| 47.5° | 4793.5 | 4780.1 | 4659.8 | 4643.5  | 4785.9  | 4789.7  | 4985.5  | 4990.2 | 4739.1 | 4835.5 |
| 50°   | 5102.0 | 5082.9 | 4963.5 | 4983.6  | 5143.1  | 5157.4  | 5515.5  | 5483.1 | 5127.8 | 5273.9 |
| 52.5° | 5305.4 | 5316.9 | 5291.1 | 5323.6  | 5541.3  | 5554.7  | 6037.0  | 5953.9 | 5512.7 | 5706.5 |
| 55°   | 5455.4 | 5478.3 | 5558.5 | 5633.0  | 5961.5  | 5974.9  | 6528.9  | 6401.8 | 5831.7 | 6107.7 |
| 57.5° | 5648.3 | 5615.8 | 5765.8 | 5910.9  | 6360.8  | 6396.1  | 7007.3  | 6833.5 | 6114.4 | 6453.4 |
| 60°   | 5925.3 | 5902.3 | 6018.9 | 6233.7  | 6807.7  | 6864.1  | 7513.5  | 7222.2 | 6321.6 | 6727.5 |
| 62.5° | 6486.8 | 6429.5 | 6447.7 | 6637.7  | 7371.2  | 7445.7  | 8084.7  | 7561.3 | 6424.8 | 6834.5 |
| 65°   | 7326.3 | 7228.0 | 7136.3 | 7268.1  | 8164.9  | 8238.4  | 8729.3  | 7827.8 | 6386.6 | 6627.2 |
| 67.5° | 8383.6 | 8286.2 | 8173.5 | 8297.6  | 9333.9  | 9392.2  | 9524.9  | 7977.7 | 6085.7 | 5828.8 |
| 70°   | 9255.6 | 9219.3 | 9354.0 | 9864.9  | 11201.1 | 11203.0 | 10544.9 | 7853.5 | 5261.5 | 4132.6 |
| 72.5° | 9140.0 | 9118.1 | 9827.7 | 11407.4 | 13554.4 | 13503.7 | 11510.5 | 6913.8 | 3544.3 | 1864.3 |
| 75°   | 7498.3 | 7640.6 | 8739.8 | 11379.7 | 14399.6 | 14392.9 | 10919.3 | 4395.2 | 1466.0 | 772.7  |
| 77.5° | 4020.8 | 4246.2 | 5674.1 | 8401.7  | 11241.2 | 11410.2 | 7676.9  | 1537.7 | 629.4  | 494.7  |
| 80°   | 1311.3 | 1508.1 | 2261.6 | 4277.8  | 7304.4  | 7272.9  | 3290.2  | 603.6  | 430.7  | 350.5  |
| 82.5° | 556.8  | 579.7  | 1010.5 | 2020.0  | 3748.6  | 3690.4  | 1047.7  | 346.7  | 302.8  | 239.7  |
| 85°   | 217.8  | 243.5  | 446.0  | 934.1   | 1623.6  | 1588.3  | 378.2   | 171.9  | 193.9  | 156.6  |
| 87.5° | 71.6   | 86.9   | 159.5  | 319.9   | 505.2   | 487.1   | 92.6    | 59.2   | 84.0   | 71.6   |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2354.2 | 0°    | 2354.2 | 2354.2 | 2354.2 | 2354.2 | 2354.2 | 2354.2 | 2354.2 | 2354.2 | 2354.2 | 2354.2 |
| 2360.9 | 2.5°  | 2374.3 | 2389.6 | 2407.7 | 2434.5 | 2457.4 | 2476.5 | 2496.6 | 2509.0 | 2513.7 | 2528.1 |
| 2364.8 | 5°    | 2391.5 | 2424.9 | 2469.8 | 2513.7 | 2556.7 | 2582.5 | 2605.4 | 2616.9 | 2627.4 | 2635.0 |
| 2375.3 | 7.5°  | 2420.1 | 2463.1 | 2533.8 | 2591.1 | 2627.4 | 2648.4 | 2663.7 | 2659.9 | 2663.7 | 2665.6 |
| 2386.7 | 10°   | 2445.0 | 2505.1 | 2589.2 | 2643.6 | 2671.3 | 2672.3 | 2668.5 | 2655.1 | 2648.4 | 2649.4 |
| 2403.9 | 12.5° | 2474.6 | 2541.4 | 2632.2 | 2678.0 | 2685.7 | 2664.6 | 2648.4 | 2625.5 | 2616.9 | 2613.1 |
| 2429.7 | 15°   | 2514.7 | 2591.1 | 2679.0 | 2696.2 | 2677.1 | 2650.3 | 2622.6 | 2585.4 | 2566.3 | 2551.0 |
| 2473.6 | 17.5° | 2563.4 | 2647.5 | 2715.3 | 2702.8 | 2661.8 | 2617.8 | 2573.0 | 2516.6 | 2477.5 | 2461.2 |
| 2533.8 | 20°   | 2631.2 | 2706.7 | 2743.0 | 2688.5 | 2626.4 | 2559.6 | 2483.2 | 2414.4 | 2378.1 | 2361.9 |
| 2610.2 | 22.5° | 2713.4 | 2785.9 | 2769.7 | 2663.7 | 2575.8 | 2468.9 | 2373.3 | 2322.7 | 2304.6 | 2293.1 |
| 2708.6 | 25°   | 2811.7 | 2873.8 | 2788.8 | 2627.4 | 2492.7 | 2348.5 | 2275.0 | 2258.7 | 2250.1 | 2241.5 |
| 2828.9 | 27.5° | 2939.7 | 2973.1 | 2803.1 | 2573.9 | 2362.8 | 2220.5 | 2193.8 | 2196.7 | 2193.8 | 2179.5 |
| 2996.1 | 30°   | 3108.8 | 3102.1 | 2816.5 | 2487.0 | 2213.9 | 2105.0 | 2106.9 | 2119.3 | 2121.2 | 2111.7 |
| 3229.1 | 32.5° | 3331.3 | 3263.5 | 2823.2 | 2374.3 | 2071.5 | 2003.7 | 2005.6 | 2019.0 | 2028.6 | 2012.3 |
| 3533.8 | 35°   | 3600.6 | 3451.6 | 2812.7 | 2233.0 | 1961.7 | 1907.3 | 1892.9 | 1896.8 | 1899.6 | 1884.4 |
| 3903.4 | 37.5° | 3914.8 | 3662.7 | 2765.9 | 2076.3 | 1871.0 | 1812.7 | 1782.2 | 1756.4 | 1741.1 | 1726.8 |
| 4321.7 | 40°   | 4259.6 | 3892.9 | 2679.9 | 1923.5 | 1769.7 | 1712.4 | 1666.6 | 1617.9 | 1566.3 | 1547.2 |
| 4764.8 | 42.5° | 4620.6 | 4129.7 | 2575.8 | 1777.4 | 1653.2 | 1606.4 | 1557.7 | 1487.0 | 1409.7 | 1370.5 |
| 5225.2 | 45°   | 4995.0 | 4372.3 | 2473.6 | 1633.2 | 1533.8 | 1513.8 | 1457.4 | 1372.4 | 1288.4 | 1238.7 |
| 5686.5 | 47.5° | 5361.8 | 4601.5 | 2323.7 | 1488.0 | 1422.1 | 1444.1 | 1400.1 | 1321.8 | 1228.2 | 1149.9 |
| 6144.0 | 50°   | 5712.3 | 4816.4 | 2078.2 | 1340.9 | 1331.4 | 1423.1 | 1381.0 | 1268.3 | 1161.4 | 1061.1 |
| 6592.8 | 52.5° | 6059.9 | 4990.2 | 1764.0 | 1207.2 | 1282.7 | 1417.3 | 1356.2 | 1232.0 | 1101.2 | 996.1  |
| 7015.0 | 55°   | 6355.0 | 5080.0 | 1461.3 | 1092.6 | 1212.0 | 1368.6 | 1326.6 | 1189.1 | 1016.2 | 904.5  |
| 7304.4 | 57.5° | 6523.1 | 5007.4 | 1209.1 | 979.9  | 1114.6 | 1288.4 | 1276.0 | 1097.4 | 915.0  | 829.0  |
| 7360.7 | 60°   | 6450.5 | 4713.3 | 1002.8 | 881.5  | 1021.9 | 1201.5 | 1188.1 | 1006.6 | 837.6  | 756.4  |
| 7058.9 | 62.5° | 6050.4 | 4152.6 | 839.5  | 795.6  | 937.9  | 1112.7 | 1100.2 | 936.9  | 778.4  | 700.1  |
| 6257.6 | 65°   | 5244.3 | 3378.1 | 712.5  | 723.9  | 852.9  | 1005.7 | 1023.8 | 878.7  | 731.6  | 655.2  |
| 4841.2 | 67.5° | 3999.8 | 2446.9 | 613.2  | 661.9  | 769.8  | 900.6  | 953.2  | 836.6  | 692.4  | 619.8  |
| 2801.2 | 70°   | 2279.8 | 1389.6 | 529.1  | 601.7  | 696.2  | 803.2  | 898.7  | 803.2  | 650.4  | 590.2  |
| 1049.6 | 72.5° | 864.3  | 638.0  | 457.5  | 541.5  | 625.6  | 721.1  | 838.6  | 750.7  | 601.7  | 556.8  |
| 542.5  | 75°   | 461.3  | 388.7  | 384.9  | 470.8  | 544.4  | 640.9  | 763.1  | 699.1  | 565.4  | 588.3  |
| 375.3  | 77.5° | 314.2  | 275.1  | 321.9  | 403.0  | 455.6  | 552.0  | 682.9  | 620.8  | 490.0  | 488.0  |
| 259.8  | 80°   | 217.8  | 194.8  | 261.7  | 324.7  | 352.4  | 464.2  | 596.0  | 532.9  | 399.2  | 372.5  |
| 160.5  | 82.5° | 130.8  | 127.0  | 195.8  | 242.6  | 249.3  | 358.2  | 493.8  | 447.0  | 326.6  | 284.6  |
| 95.5   | 85°   | 71.6   | 75.5   | 125.1  | 142.3  | 145.2  | 250.2  | 386.8  | 345.7  | 251.2  | 211.1  |
| 34.4   | 87.5° | 20.1   | 25.8   | 45.8   | 56.3   | 69.7   | 129.9  | 230.2  | 205.3  | 126.1  | 87.9   |
| 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°   |
|--------|
| 2354.2 |
| 2527.1 |
| 2636.9 |
| 2668.5 |
| 2651.3 |
| 2611.2 |
| 2555.8 |
| 2462.2 |
| 2360.0 |
| 2295.0 |
| 2241.5 |
| 2182.3 |
| 2116.4 |
| 2020.0 |
| 1894.9 |
| 1736.3 |
| 1555.8 |
| 1375.3 |
| 1234.9 |
| 1141.3 |
| 1052.5 |
| 984.7  |
| 894.9  |
| 817.5  |
| 745.0  |
| 687.7  |
| 642.8  |
| 608.4  |
| 582.6  |
| 549.2  |
| 607.4  |
| 449.8  |
| 356.2  |
| 286.5  |
| 213.0  |
| 87.9   |
| 0.0    |