

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: P948049

Luminaire Tested: **GLAN-SB3B-722-U-SL2**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P948049  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3B-722-U-SL2  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL  
LIGHT ELIMINATOR OPTICS  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 13872 lumens  
Efficiency: N/A  
Efficacy: 127.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B2 - U0 - G2  
  
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

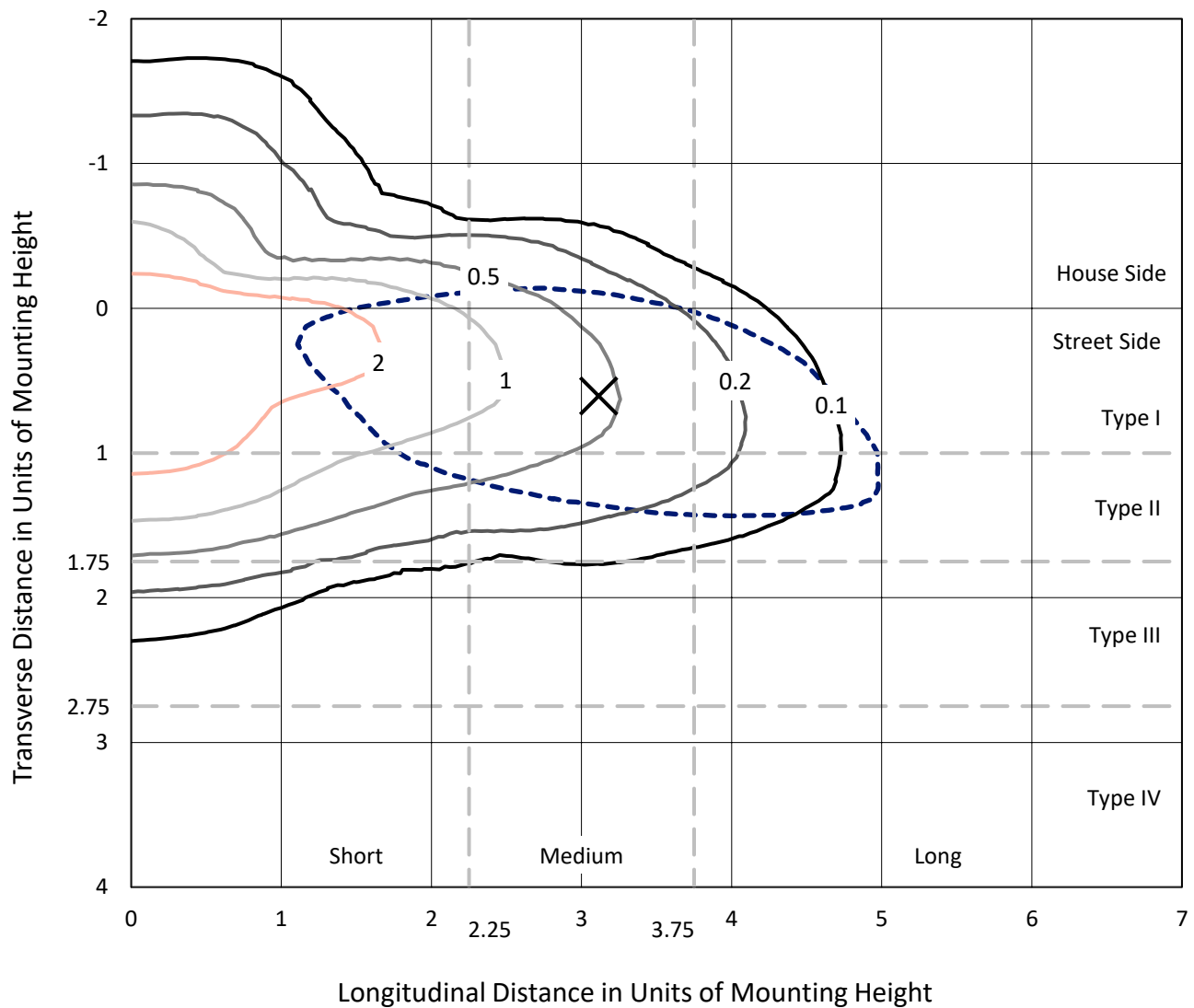


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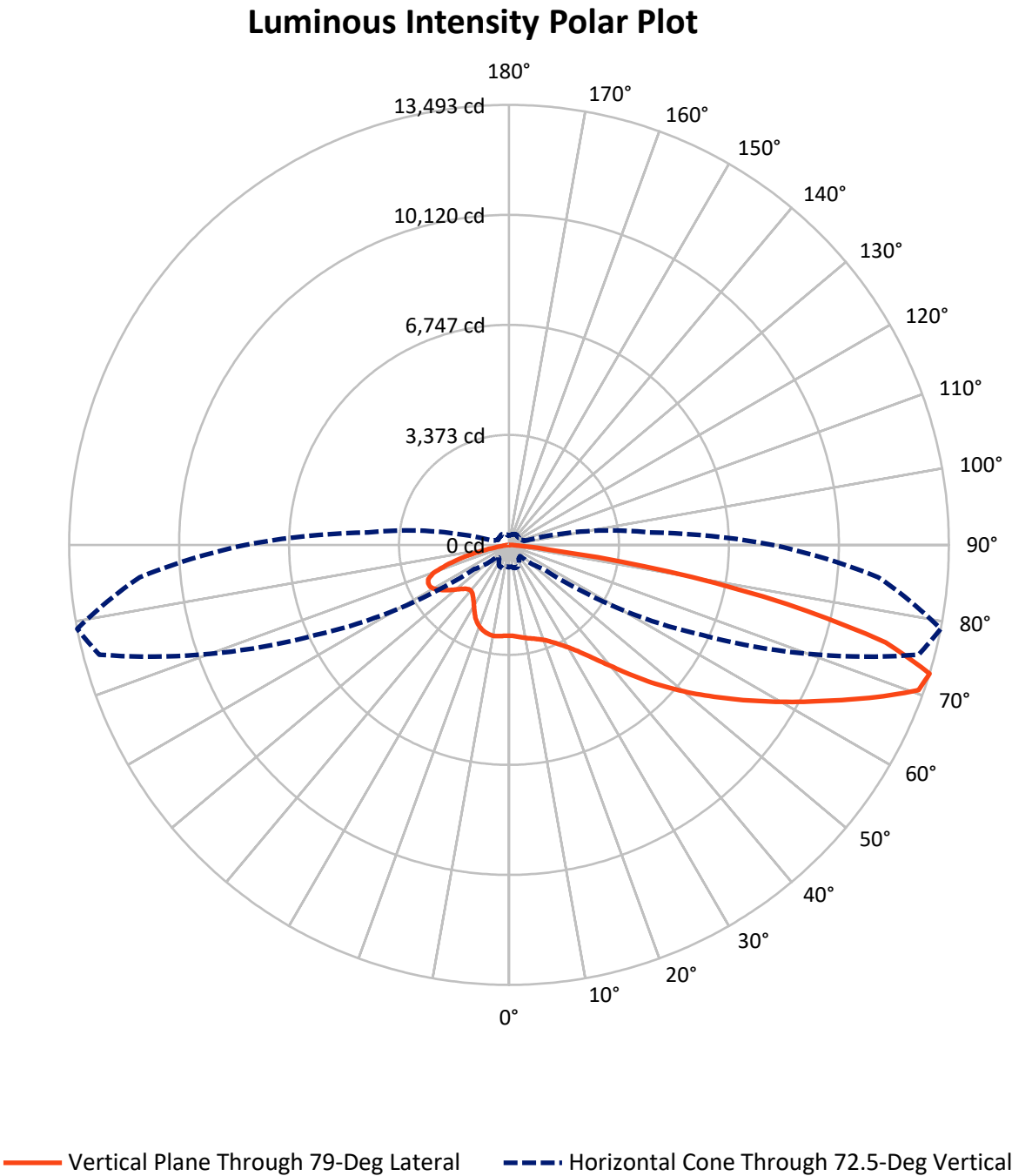
## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.5 fc  
 Type II - Medium - N/A

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3052.6   | 0.0    | 3052.6  |
|                    | % Fixture | 22.0     | 0.0    | 22.0    |
| <b>Street Side</b> | Lumens    | 10819.4  | 0.0    | 10819.4 |
|                    | % Fixture | 78.0     | 0.0    | 78.0    |
| <b>Total</b>       | Lumens    | 13872.0  | 0.0    | 13872.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 252.8   | 1.8       |
| 10°-20°   | 660.9   | 4.8       |
| 20°-30°   | 1066.4  | 7.7       |
| 30°-40°   | 1600.5  | 11.5      |
| 40°-50°   | 2270.3  | 16.4      |
| 50°-60°   | 2867.1  | 20.7      |
| 60°-70°   | 2912.0  | 21.0      |
| 70°-80°   | 1984.6  | 14.3      |
| 80°-90°   | 257.5   | 1.9       |
| 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°    | 13872.0 | 100.0     |
| 0°-180°   | 13872.0 | 100.0     |

**Coefficient of Utilization**



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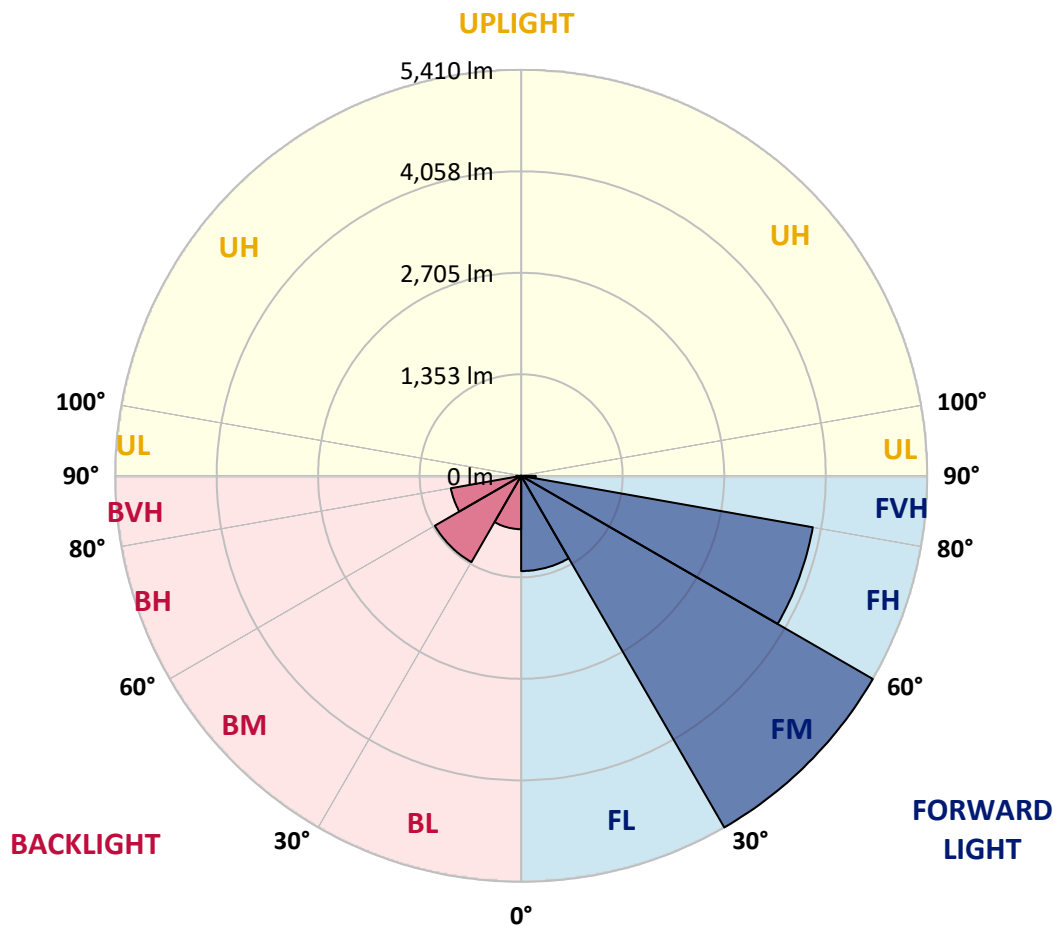
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1269.0 | 9.1       |                         |      |         |
| FM   | (30°-60°)   | 5410.4 | 39.0      |                         |      |         |
| FH   | (60°-80°)   | 3946.1 | 28.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 194.0  | 1.4       |                         |      | G2/225  |
| BL   | (0°-30°)    | 711.0  | 5.1       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1327.6 | 9.6       | B2/2500                 |      |         |
| BH   | (60°-80°)   | 950.5  | 6.9       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 63.5   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G2**

Type II Medium



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°     | 79°     |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°    | 2784.7 | 2784.7 | 2784.7 | 2784.7 | 2784.7 | 2784.7 | 2784.7 | 2784.7 | 2784.7  | 2784.7  |
| 2.5°  | 2786.1 | 2772.9 | 2781.0 | 2778.1 | 2781.7 | 2786.1 | 2787.6 | 2789.8 | 2797.1  | 2796.4  |
| 5°    | 2780.3 | 2767.1 | 2778.1 | 2774.4 | 2783.9 | 2794.2 | 2803.0 | 2811.1 | 2822.8  | 2828.0  |
| 7.5°  | 2767.8 | 2759.0 | 2770.0 | 2781.0 | 2798.6 | 2814.0 | 2826.5 | 2844.8 | 2861.7  | 2864.7  |
| 10°   | 2695.2 | 2688.5 | 2714.2 | 2742.8 | 2791.3 | 2833.1 | 2860.3 | 2881.5 | 2899.9  | 2902.8  |
| 12.5° | 2619.6 | 2611.5 | 2640.1 | 2679.0 | 2757.5 | 2833.1 | 2890.3 | 2918.2 | 2934.4  | 2943.9  |
| 15°   | 2607.1 | 2600.5 | 2616.6 | 2650.4 | 2715.7 | 2813.3 | 2910.9 | 2962.2 | 2976.2  | 2987.2  |
| 17.5° | 2667.3 | 2654.8 | 2661.4 | 2673.1 | 2711.3 | 2794.9 | 2927.0 | 3012.1 | 3033.4  | 3045.2  |
| 20°   | 2806.7 | 2789.1 | 2778.8 | 2755.3 | 2748.7 | 2797.9 | 2925.6 | 3072.3 | 3100.2  | 3114.9  |
| 22.5° | 2992.3 | 2980.6 | 2958.6 | 2899.1 | 2834.6 | 2833.8 | 2953.4 | 3149.4 | 3201.5  | 3215.4  |
| 25°   | 3216.9 | 3199.3 | 3171.4 | 3090.7 | 2966.6 | 2905.0 | 3000.4 | 3247.7 | 3335.0  | 3338.7  |
| 27.5° | 3475.2 | 3448.7 | 3410.6 | 3304.2 | 3136.9 | 3016.5 | 3072.3 | 3360.7 | 3488.4  | 3486.9  |
| 30°   | 3747.4 | 3721.0 | 3680.6 | 3551.5 | 3340.9 | 3167.0 | 3172.1 | 3482.5 | 3670.3  | 3662.3  |
| 32.5° | 3946.2 | 3926.4 | 3918.4 | 3818.6 | 3575.7 | 3344.5 | 3286.6 | 3617.5 | 3894.9  | 3887.5  |
| 35°   | 4098.9 | 4073.2 | 4082.7 | 4032.1 | 3831.8 | 3543.4 | 3426.7 | 3778.2 | 4167.8  | 4167.1  |
| 37.5° | 4250.0 | 4227.3 | 4235.3 | 4201.6 | 4068.8 | 3795.8 | 3597.7 | 3974.9 | 4506.1  | 4522.2  |
| 40°   | 4388.0 | 4363.8 | 4396.0 | 4364.5 | 4253.0 | 4064.4 | 3792.1 | 4197.2 | 4897.9  | 4928.8  |
| 42.5° | 4470.9 | 4451.8 | 4505.4 | 4506.1 | 4412.9 | 4291.1 | 4005.7 | 4442.3 | 5351.4  | 5420.4  |
| 45°   | 4499.5 | 4492.9 | 4573.6 | 4590.5 | 4554.5 | 4422.5 | 4197.9 | 4709.4 | 5840.1  | 5963.4  |
| 47.5° | 4468.7 | 4456.2 | 4567.7 | 4630.1 | 4658.7 | 4484.1 | 4357.1 | 4998.5 | 6339.1  | 6519.6  |
| 50°   | 4313.1 | 4288.9 | 4454.7 | 4586.1 | 4688.1 | 4524.5 | 4517.8 | 5332.3 | 6906.3  | 7103.7  |
| 52.5° | 4033.6 | 4015.2 | 4203.8 | 4432.0 | 4623.5 | 4544.3 | 4698.4 | 5697.0 | 7444.9  | 7700.2  |
| 55°   | 3676.2 | 3652.0 | 3859.7 | 4157.6 | 4462.8 | 4537.7 | 4878.9 | 6105.0 | 8080.3  | 8339.3  |
| 57.5° | 3109.7 | 3061.3 | 3324.0 | 3676.2 | 4200.9 | 4529.6 | 5066.7 | 6510.8 | 8726.0  | 9036.4  |
| 60°   | 2283.5 | 2211.6 | 2533.7 | 2951.2 | 3688.7 | 4451.1 | 5299.3 | 6965.7 | 9500.9  | 9780.5  |
| 62.5° | 1329.6 | 1287.8 | 1498.4 | 1888.0 | 2780.3 | 3988.8 | 5429.9 | 7494.8 | 10262.6 | 10556.1 |
| 65°   | 1032.4 | 1020.7 | 1039.0 | 1069.1 | 1547.5 | 2986.5 | 5027.1 | 8010.6 | 11231.1 | 11436.6 |
| 67.5° | 944.4  | 935.6  | 943.6  | 887.1  | 785.1  | 1663.5 | 3977.1 | 8141.2 | 12268.7 | 12393.4 |
| 70°   | 839.4  | 829.2  | 855.6  | 807.2  | 617.8  | 756.5  | 2569.7 | 7667.2 | 13094.2 | 13328.3 |
| 72.5° | 683.9  | 672.1  | 733.8  | 711.8  | 520.2  | 485.8  | 1290.7 | 6540.9 | 13007.6 | 13493.4 |
| 75°   | 525.4  | 518.8  | 592.2  | 610.5  | 424.1  | 382.3  | 619.3  | 4862.0 | 11446.9 | 11936.3 |
| 77.5° | 408.0  | 402.8  | 440.3  | 507.0  | 341.9  | 296.4  | 380.8  | 3084.1 | 8626.2  | 8712.1  |
| 80°   | 306.0  | 291.3  | 325.8  | 392.6  | 266.4  | 216.5  | 258.3  | 1798.5 | 5452.7  | 4942.7  |
| 82.5° | 191.5  | 184.2  | 212.8  | 262.0  | 187.8  | 149.0  | 168.0  | 993.5  | 2185.2  | 1287.0  |
| 85°   | 109.3  | 106.4  | 115.9  | 149.7  | 102.0  | 85.9   | 96.1   | 438.8  | 399.2   | 274.4   |
| 87.5° | 44.0   | 42.6   | 52.8   | 66.8   | 37.4   | 31.6   | 33.8   | 105.7  | 88.1    | 81.4    |
| 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°   |
|---------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2784.7  | 0°    | 2784.7 | 2784.7 | 2784.7 | 2784.7 | 2784.7 | 2784.7 | 2784.7 | 2784.7 | 2784.7 | 2784.7 |
| 2795.7  | 2.5°  | 2792.7 | 2792.7 | 2782.5 | 2766.3 | 2748.0 | 2736.2 | 2717.2 | 2712.0 | 2692.2 | 2686.3 |
| 2820.6  | 5°    | 2826.5 | 2820.6 | 2789.1 | 2743.6 | 2681.2 | 2624.0 | 2560.9 | 2521.2 | 2465.5 | 2445.7 |
| 2869.8  | 7.5°  | 2869.1 | 2852.9 | 2798.6 | 2698.8 | 2568.2 | 2439.8 | 2306.3 | 2205.0 | 2108.1 | 2073.6 |
| 2910.1  | 10°   | 2907.9 | 2885.2 | 2792.7 | 2618.1 | 2392.1 | 2169.8 | 1957.0 | 1808.0 | 1695.0 | 1648.8 |
| 2954.9  | 12.5° | 2946.8 | 2905.0 | 2753.9 | 2483.8 | 2141.9 | 1840.3 | 1613.6 | 1497.6 | 1427.9 | 1372.2 |
| 2991.6  | 15°   | 2983.5 | 2924.8 | 2693.7 | 2304.1 | 1867.5 | 1561.5 | 1394.2 | 1301.7 | 1245.9 | 1209.3 |
| 3045.2  | 17.5° | 3026.1 | 2941.7 | 2603.4 | 2075.8 | 1606.2 | 1368.5 | 1232.0 | 1176.2 | 1165.2 | 1160.8 |
| 3118.5  | 20°   | 3085.5 | 2957.1 | 2484.6 | 1820.5 | 1414.0 | 1214.4 | 1144.0 | 1138.8 | 1138.1 | 1135.9 |
| 3206.6  | 22.5° | 3149.4 | 2975.5 | 2327.5 | 1588.6 | 1250.4 | 1118.3 | 1105.8 | 1095.5 | 1088.9 | 1088.2 |
| 3313.0  | 25°   | 3224.9 | 2981.3 | 2130.9 | 1398.6 | 1110.9 | 1072.8 | 1058.1 | 1042.7 | 1038.3 | 1038.3 |
| 3434.1  | 27.5° | 3298.3 | 2961.5 | 1901.9 | 1233.5 | 1032.4 | 1031.0 | 1011.9 | 1006.7 | 1006.0 | 1008.2 |
| 3572.0  | 30°   | 3371.7 | 2924.1 | 1674.5 | 1080.8 | 986.9  | 986.9  | 980.3  | 984.0  | 986.9  | 994.3  |
| 3761.3  | 32.5° | 3470.8 | 2884.5 | 1484.4 | 967.8  | 947.3  | 940.0  | 946.6  | 953.9  | 956.8  | 966.4  |
| 4010.1  | 35°   | 3616.0 | 2856.6 | 1333.3 | 906.2  | 906.2  | 896.7  | 900.3  | 898.9  | 892.3  | 887.9  |
| 4310.9  | 37.5° | 3808.3 | 2855.1 | 1208.5 | 877.6  | 871.7  | 870.3  | 871.0  | 861.5  | 835.8  | 805.0  |
| 4674.9  | 40°   | 4039.4 | 2894.7 | 1112.4 | 857.8  | 853.4  | 862.2  | 857.8  | 832.1  | 761.7  | 708.1  |
| 5122.5  | 42.5° | 4349.8 | 3007.7 | 1050.8 | 833.6  | 846.8  | 857.8  | 840.2  | 751.4  | 703.7  | 667.7  |
| 5632.4  | 45°   | 4715.2 | 3191.2 | 1019.2 | 807.9  | 834.3  | 847.5  | 762.4  | 723.5  | 685.3  | 642.1  |
| 6188.6  | 47.5° | 5129.1 | 3422.3 | 1011.9 | 783.7  | 806.4  | 814.5  | 729.4  | 711.8  | 668.5  | 621.5  |
| 6747.8  | 50°   | 5579.6 | 3696.0 | 1031.7 | 755.1  | 766.1  | 738.2  | 718.4  | 702.2  | 657.5  | 611.2  |
| 7320.9  | 52.5° | 6045.6 | 3997.6 | 1071.3 | 716.2  | 725.7  | 694.9  | 714.0  | 700.0  | 650.9  | 588.5  |
| 7913.0  | 55°   | 6503.4 | 4301.4 | 1109.5 | 670.7  | 684.6  | 656.0  | 701.5  | 691.2  | 620.8  | 550.3  |
| 8544.8  | 57.5° | 6968.7 | 4603.7 | 1146.9 | 630.3  | 645.0  | 618.6  | 681.7  | 667.7  | 587.0  | 515.1  |
| 9234.5  | 60°   | 7452.2 | 4897.2 | 1164.5 | 591.4  | 601.7  | 584.1  | 651.6  | 627.4  | 548.9  | 479.2  |
| 9912.6  | 62.5° | 7904.9 | 5141.6 | 1135.9 | 552.5  | 559.1  | 551.8  | 612.0  | 579.7  | 510.7  | 438.8  |
| 10619.2 | 65°   | 8359.2 | 5286.8 | 1047.8 | 514.4  | 515.8  | 512.2  | 556.2  | 528.3  | 465.9  | 403.6  |
| 11237.7 | 67.5° | 8770.8 | 5368.3 | 907.7  | 473.3  | 469.6  | 468.1  | 504.1  | 472.6  | 422.7  | 368.4  |
| 11708.1 | 70°   | 8858.1 | 5161.4 | 693.4  | 424.9  | 424.9  | 421.2  | 446.9  | 414.6  | 375.0  | 330.9  |
| 11371.3 | 72.5° | 8090.6 | 4341.7 | 492.4  | 369.8  | 375.7  | 368.4  | 389.6  | 362.5  | 326.5  | 297.2  |
| 9800.3  | 75°   | 6524.0 | 3183.8 | 358.1  | 313.3  | 323.6  | 311.1  | 330.9  | 311.9  | 281.0  | 280.3  |
| 6753.7  | 77.5° | 4482.6 | 1968.7 | 259.8  | 258.3  | 265.6  | 249.5  | 272.2  | 262.0  | 234.1  | 221.6  |
| 2939.5  | 80°   | 1912.9 | 785.1  | 189.3  | 199.6  | 199.6  | 184.9  | 211.3  | 214.3  | 190.0  | 184.2  |
| 567.2   | 82.5° | 380.8  | 223.1  | 132.8  | 137.2  | 129.1  | 124.7  | 149.7  | 165.8  | 228.9  | 254.6  |
| 171.0   | 85°   | 114.5  | 82.2   | 80.0   | 74.8   | 66.0   | 66.8   | 88.1   | 166.6  | 205.5  | 117.4  |
| 56.5    | 87.5° | 31.6   | 20.5   | 21.3   | 16.9   | 13.9   | 18.3   | 30.1   | 126.2  | 69.0   | 29.4   |
| 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°   |
|--------|
| 2784.7 |
| 2695.9 |
| 2460.3 |
| 2078.0 |
| 1659.1 |
| 1390.5 |
| 1215.9 |
| 1163.8 |
| 1143.2 |
| 1096.3 |
| 1042.7 |
| 1014.1 |
| 999.4  |
| 974.5  |
| 898.1  |
| 805.7  |
| 706.6  |
| 666.3  |
| 639.1  |
| 617.8  |
| 606.1  |
| 584.1  |
| 546.7  |
| 513.6  |
| 477.0  |
| 438.1  |
| 399.2  |
| 364.0  |
| 329.5  |
| 288.4  |
| 252.4  |
| 207.7  |
| 184.2  |
| 255.4  |
| 101.3  |
| 24.9   |
| 0.0    |

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