

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: INVUE

Report Number: P180312

Luminaire Tested: **ICM-F06-LED-E1-RW-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180312  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33677)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-F06-LED-E1-RW-7030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE  
Light Source: (42) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13146.6 lumens  
Efficiency: N/A  
Efficacy: 84.0 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')  
IES Classification: Type I - Short - Full Cutoff  
BUG Rating: B3 - U0 - G3

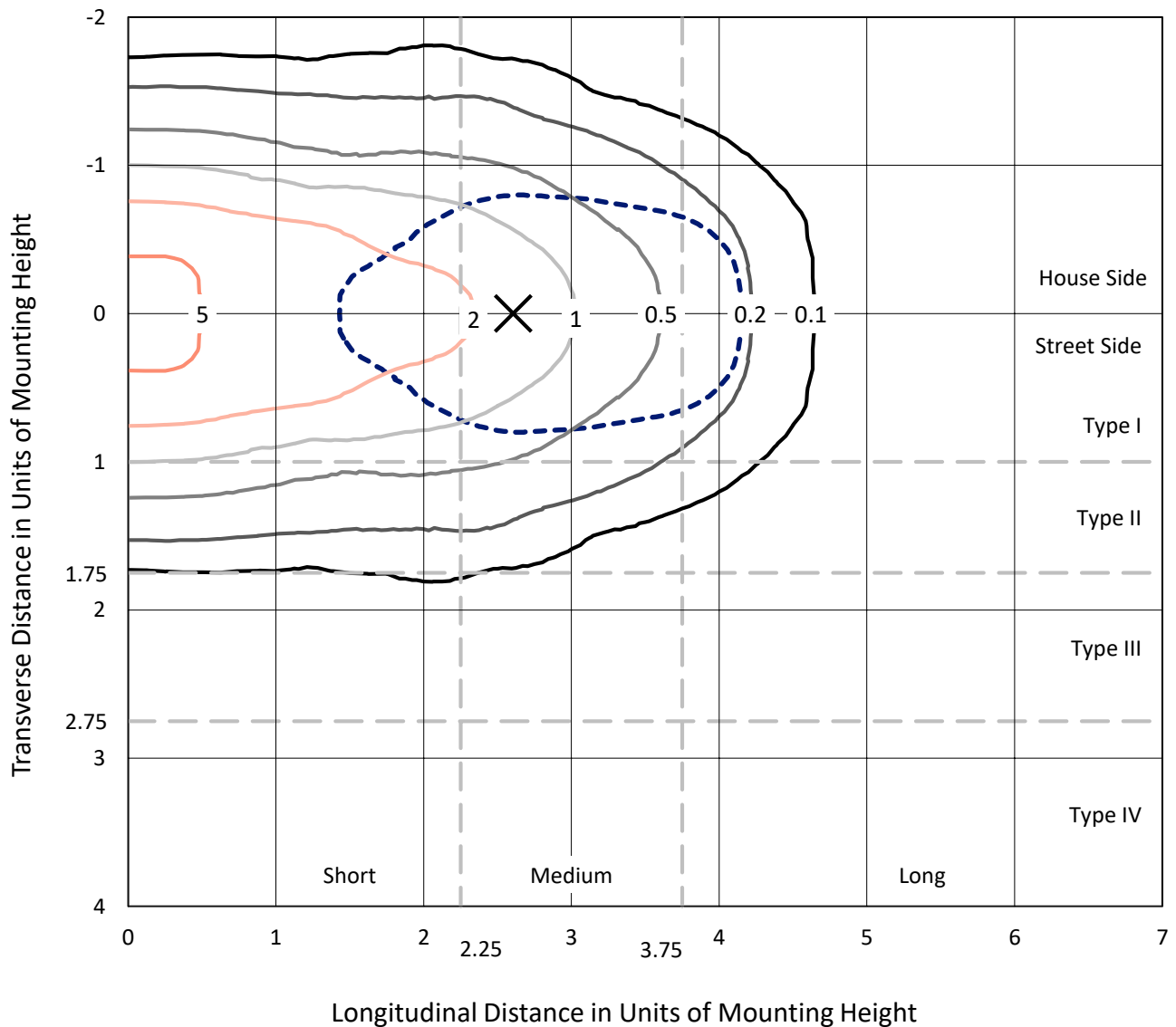
Input Watts (W): 156.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

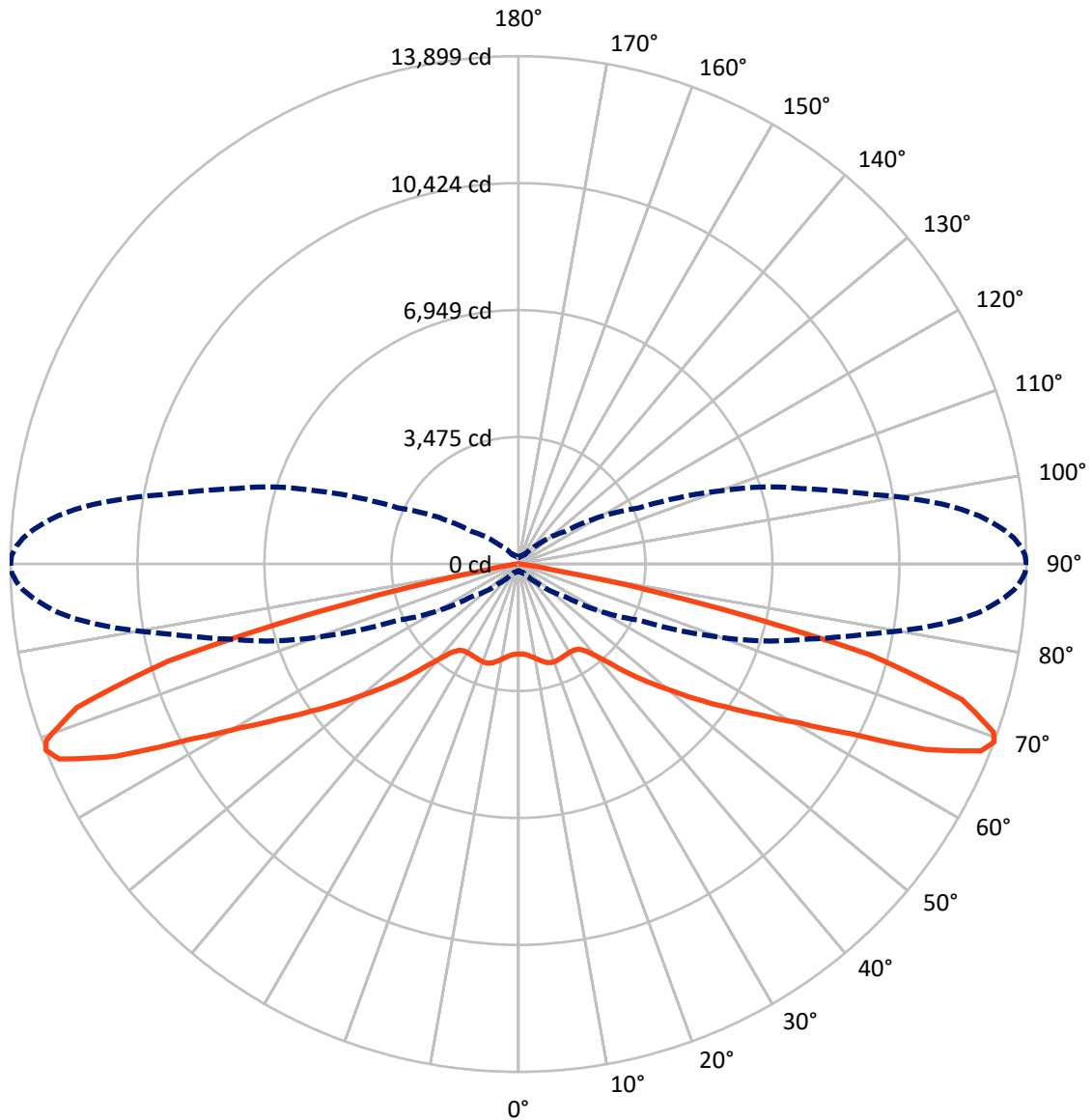
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 6.3 fc  
 Type I - Short - Full Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral      - - - Horizontal Cone Through 69-Deg Vertical

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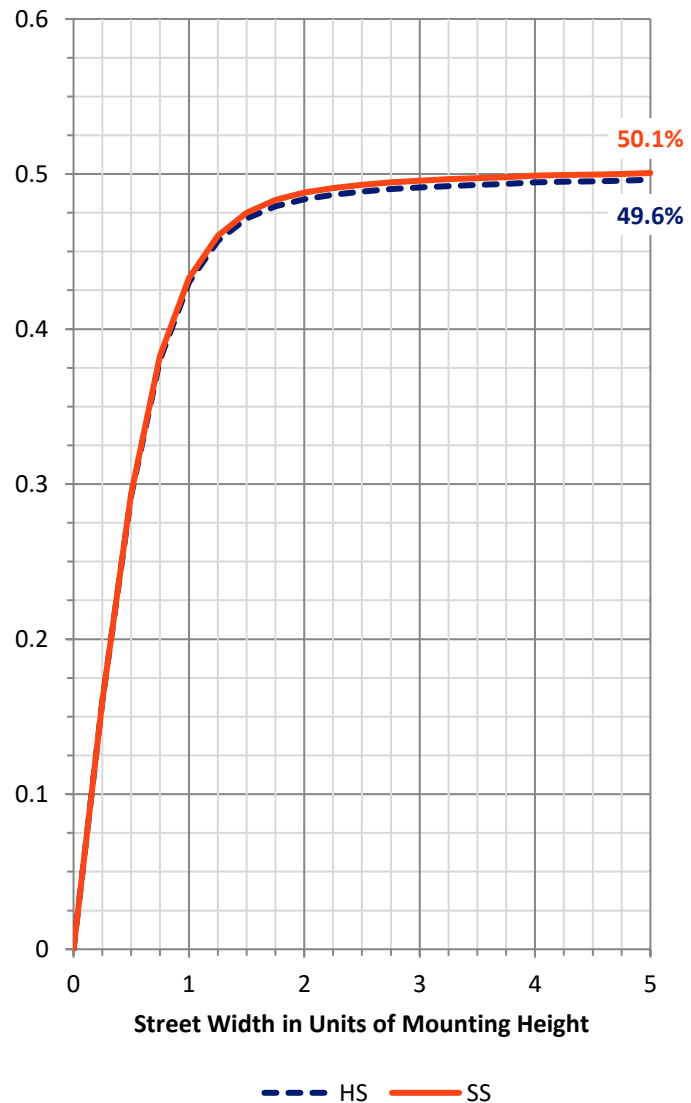
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6573.3   | 0.0    | 6573.3  |
|                    | % Fixture | 50.0     | 0.0    | 50.0    |
| <b>Street Side</b> | Lumens    | 6573.3   | 0.0    | 6573.3  |
|                    | % Fixture | 50.0     | 0.0    | 50.0    |
| <b>Total</b>       | Lumens    | 13146.6  | 0.0    | 13146.6 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 241.6   | 1.8       |
| 10°-20°   | 762.2   | 5.8       |
| 20°-30°   | 1234.9  | 9.4       |
| 30°-40°   | 1539.0  | 11.7      |
| 40°-50°   | 1923.1  | 14.6      |
| 50°-60°   | 2374.6  | 18.1      |
| 60°-70°   | 2950.6  | 22.4      |
| 70°-80°   | 1958.8  | 14.9      |
| 80°-90°   | 161.7   | 1.2       |
| 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°    | 13146.6 | 100.0     |
| 0°-180°   | 13146.6 | 100.0     |



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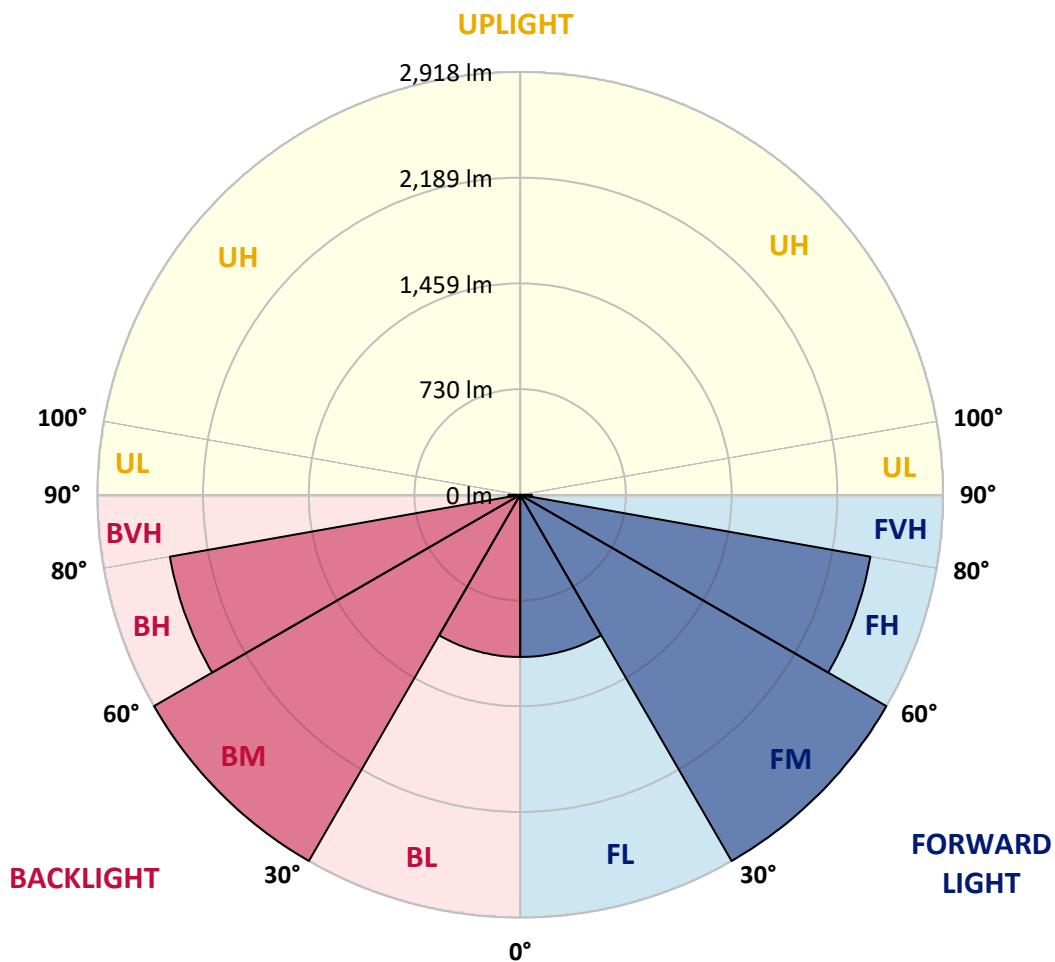
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 1119.4 | 8.5       |                         |      |         |
| FM (30°-60°)   | 2918.4 | 22.2      |                         |      |         |
| FH (60°-80°)   | 2454.7 | 18.7      |                         |      | G2/5000 |
| FVH (80°-90°)  | 80.9   | 0.6       |                         |      | G1/100  |
| BL (0°-30°)    | 1119.4 | 8.5       | B3/2500                 |      |         |
| BM (30°-60°)   | 2918.4 | 22.2      | B3/5000                 |      |         |
| BH (60°-80°)   | 2454.7 | 18.7      | B3/2500                 |      | G3/2500 |
| BVH (80°-90°)  | 80.9   | 0.6       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

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

Type I Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 70°    | 71°    | 72°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 |
| 2.5°  | 2474.4 | 2476.7 | 2475.2 | 2478.1 | 2477.3 | 2477.3 | 2475.9 | 2473.1 | 2471.4 | 2470.2 | 2470.3 |
| 5°    | 2498.4 | 2495.6 | 2499.7 | 2504.0 | 2502.5 | 2503.3 | 2502.5 | 2502.5 | 2501.2 | 2501.0 | 2500.9 |
| 7.5°  | 2523.6 | 2523.0 | 2525.8 | 2536.9 | 2538.3 | 2542.5 | 2547.5 | 2550.9 | 2551.6 | 2552.4 | 2551.6 |
| 10°   | 2545.3 | 2546.1 | 2553.1 | 2569.1 | 2577.7 | 2590.9 | 2604.3 | 2614.8 | 2618.6 | 2621.1 | 2620.8 |
| 12.5° | 2562.9 | 2563.6 | 2574.2 | 2599.4 | 2619.6 | 2645.0 | 2673.7 | 2689.9 | 2696.9 | 2698.2 | 2699.4 |
| 15°   | 2564.3 | 2566.4 | 2584.7 | 2626.1 | 2666.7 | 2708.0 | 2742.4 | 2764.1 | 2769.8 | 2773.6 | 2773.9 |
| 17.5° | 2546.1 | 2547.5 | 2578.2 | 2639.4 | 2707.4 | 2771.9 | 2807.6 | 2817.5 | 2819.6 | 2821.0 | 2820.3 |
| 20°   | 2498.3 | 2501.8 | 2545.3 | 2635.8 | 2739.6 | 2823.8 | 2861.0 | 2847.6 | 2840.9 | 2840.2 | 2839.5 |
| 22.5° | 2421.2 | 2420.5 | 2477.3 | 2599.4 | 2746.0 | 2864.6 | 2897.5 | 2862.3 | 2841.7 | 2837.4 | 2834.5 |
| 25°   | 2296.4 | 2304.8 | 2371.4 | 2517.2 | 2710.2 | 2873.6 | 2923.4 | 2870.2 | 2840.3 | 2833.6 | 2825.5 |
| 27.5° | 2160.9 | 2165.9 | 2236.8 | 2393.1 | 2626.7 | 2842.1 | 2936.0 | 2885.6 | 2852.2 | 2842.9 | 2833.6 |
| 30°   | 2003.2 | 2009.5 | 2085.2 | 2248.7 | 2492.8 | 2760.7 | 2932.5 | 2920.6 | 2881.7 | 2870.5 | 2858.6 |
| 32.5° | 1848.9 | 1855.8 | 1923.9 | 2102.8 | 2351.8 | 2649.1 | 2911.5 | 2970.4 | 2930.4 | 2918.1 | 2905.7 |
| 35°   | 1688.9 | 1699.5 | 1782.2 | 1963.2 | 2215.6 | 2525.0 | 2879.3 | 3034.3 | 3012.1 | 3001.2 | 2990.3 |
| 37.5° | 1556.4 | 1558.5 | 1638.5 | 1828.5 | 2089.5 | 2406.5 | 2836.5 | 3114.9 | 3131.0 | 3131.0 | 3132.4 |
| 40°   | 1408.4 | 1421.8 | 1501.7 | 1702.3 | 1975.1 | 2306.2 | 2795.7 | 3224.3 | 3308.1 | 3323.6 | 3335.4 |
| 42.5° | 1275.8 | 1277.2 | 1358.5 | 1565.5 | 1851.0 | 2225.5 | 2773.3 | 3356.1 | 3535.4 | 3568.1 | 3600.9 |
| 45°   | 1136.2 | 1141.9 | 1215.5 | 1415.5 | 1707.9 | 2130.2 | 2772.7 | 3508.4 | 3794.5 | 3849.5 | 3900.3 |
| 47.5° | 1004.4 | 1006.5 | 1084.4 | 1270.1 | 1543.8 | 1996.8 | 2767.6 | 3671.8 | 4061.4 | 4142.4 | 4208.7 |
| 50°   | 878.1  | 876.1  | 952.6  | 1131.4 | 1381.8 | 1822.2 | 2724.9 | 3857.0 | 4349.0 | 4441.2 | 4522.9 |
| 52.5° | 733.7  | 743.4  | 822.7  | 993.9  | 1234.4 | 1644.8 | 2600.0 | 4059.7 | 4648.1 | 4754.9 | 4857.4 |
| 55°   | 592.0  | 596.2  | 681.0  | 840.9  | 1085.0 | 1479.3 | 2382.6 | 4246.2 | 4939.9 | 5061.0 | 5175.0 |
| 57.5° | 436.3  | 448.9  | 523.2  | 681.1  | 933.6  | 1339.6 | 2106.2 | 4343.0 | 5187.2 | 5326.8 | 5462.3 |
| 60°   | 307.9  | 317.7  | 383.6  | 516.2  | 767.3  | 1193.1 | 1868.5 | 4289.0 | 5386.0 | 5564.3 | 5727.2 |
| 62.5° | 239.8  | 247.6  | 300.2  | 386.4  | 598.3  | 1046.4 | 1698.1 | 4114.4 | 5606.9 | 5839.6 | 6061.6 |
| 65°   | 210.4  | 217.4  | 265.1  | 309.3  | 446.8  | 897.1  | 1604.8 | 3929.9 | 5902.9 | 6245.4 | 6555.1 |
| 67.5° | 190.1  | 198.5  | 239.9  | 270.7  | 364.0  | 782.7  | 1580.3 | 3813.5 | 6048.1 | 6494.2 | 6911.5 |
| 69°   | 180.9  | 189.4  | 226.6  | 252.5  | 338.0  | 742.1  | 1538.1 | 3630.3 | 5852.0 | 6329.0 | 6784.8 |
| 70°   | 175.3  | 182.3  | 216.7  | 243.4  | 329.7  | 714.1  | 1468.1 | 3401.8 | 5583.5 | 6064.9 | 6541.2 |
| 72.5° | 162.7  | 166.2  | 196.4  | 222.3  | 305.8  | 577.3  | 1129.2 | 2526.4 | 4417.7 | 4887.2 | 5349.6 |
| 75°   | 143.8  | 148.0  | 176.0  | 201.3  | 238.5  | 358.4  | 714.7  | 1562.7 | 2974.5 | 3324.3 | 3753.3 |
| 77.5° | 124.1  | 127.6  | 152.2  | 192.2  | 185.1  | 223.8  | 427.2  | 869.8  | 1688.6 | 1891.8 | 2170.7 |
| 80°   | 99.5   | 103.8  | 125.6  | 190.8  | 152.9  | 174.0  | 307.2  | 608.1  | 829.0  | 889.6  | 956.6  |
| 82.5° | 72.9   | 76.5   | 98.2   | 154.3  | 117.1  | 131.2  | 234.2  | 515.5  | 592.4  | 619.7  | 633.2  |
| 85°   | 37.2   | 37.9   | 62.4   | 94.0   | 74.4   | 68.0   | 131.9  | 352.7  | 401.9  | 408.7  | 419.2  |
| 87.5° | 6.3    | 6.3    | 14.0   | 16.2   | 18.2   | 11.2   | 16.8   | 60.3   | 69.8   | 69.3   | 75.1   |
| 90°   | 0.0    | 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):**

|       | 73°    | 74°    | 75°    | 76°    | 77°    | 78°    | 79°    | 80°     | 81°     | 82°     | 83°     |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0°    | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3  | 2463.3  | 2463.3  | 2463.3  |
| 2.5°  | 2471.3 | 2470.8 | 2471.6 | 2471.8 | 2472.7 | 2470.0 | 2469.4 | 2468.9  | 2468.9  | 2470.3  | 2468.9  |
| 5°    | 2501.4 | 2501.3 | 2501.9 | 2503.0 | 2502.7 | 2501.0 | 2500.8 | 2501.2  | 2499.1  | 2498.4  | 2499.7  |
| 7.5°  | 2553.0 | 2552.4 | 2550.9 | 2553.2 | 2554.8 | 2554.9 | 2556.4 | 2555.2  | 2554.4  | 2553.8  | 2555.2  |
| 10°   | 2623.2 | 2622.9 | 2623.3 | 2625.6 | 2627.3 | 2627.6 | 2629.2 | 2627.5  | 2626.8  | 2628.1  | 2628.1  |
| 12.5° | 2702.1 | 2700.5 | 2703.8 | 2705.3 | 2707.4 | 2711.6 | 2709.4 | 2712.3  | 2710.2  | 2713.7  | 2713.7  |
| 15°   | 2776.2 | 2777.2 | 2780.3 | 2781.6 | 2782.2 | 2785.5 | 2786.1 | 2788.1  | 2785.2  | 2785.9  | 2791.5  |
| 17.5° | 2822.4 | 2821.7 | 2823.8 | 2824.9 | 2826.8 | 2828.6 | 2831.8 | 2833.6  | 2832.2  | 2832.2  | 2835.0  |
| 20°   | 2838.0 | 2835.8 | 2836.4 | 2837.4 | 2837.7 | 2839.4 | 2841.8 | 2842.1  | 2842.1  | 2842.7  | 2845.6  |
| 22.5° | 2830.2 | 2826.7 | 2823.1 | 2823.4 | 2823.6 | 2823.3 | 2824.9 | 2825.9  | 2827.4  | 2828.7  | 2832.2  |
| 25°   | 2819.6 | 2811.6 | 2804.9 | 2804.3 | 2802.3 | 2802.5 | 2803.3 | 2803.5  | 2804.9  | 2806.9  | 2809.7  |
| 27.5° | 2820.8 | 2810.0 | 2799.3 | 2795.5 | 2791.7 | 2789.3 | 2788.3 | 2786.6  | 2788.0  | 2790.2  | 2792.9  |
| 30°   | 2844.7 | 2827.9 | 2812.6 | 2807.8 | 2802.3 | 2797.6 | 2793.5 | 2788.7  | 2785.9  | 2788.0  | 2789.4  |
| 32.5° | 2887.1 | 2870.5 | 2855.4 | 2847.6 | 2839.9 | 2831.6 | 2823.8 | 2818.9  | 2812.6  | 2810.4  | 2809.8  |
| 35°   | 2976.8 | 2963.7 | 2950.1 | 2941.4 | 2928.5 | 2921.9 | 2912.5 | 2898.8  | 2889.0  | 2888.4  | 2882.7  |
| 37.5° | 3128.2 | 3121.9 | 3112.0 | 3103.0 | 3098.7 | 3081.2 | 3070.0 | 3063.0  | 3051.7  | 3058.8  | 3046.9  |
| 40°   | 3345.8 | 3356.2 | 3365.2 | 3359.9 | 3361.6 | 3357.0 | 3350.3 | 3356.9  | 3349.1  | 3347.0  | 3349.2  |
| 42.5° | 3624.5 | 3661.5 | 3687.3 | 3695.4 | 3716.1 | 3724.3 | 3739.5 | 3763.0  | 3758.1  | 3784.8  | 3789.6  |
| 45°   | 3947.6 | 4000.5 | 4051.9 | 4090.3 | 4132.0 | 4179.5 | 4226.8 | 4264.4  | 4294.0  | 4292.5  | 4324.9  |
| 47.5° | 4277.1 | 4355.3 | 4423.7 | 4481.3 | 4556.6 | 4626.1 | 4702.7 | 4780.0  | 4836.1  | 4857.1  | 4864.2  |
| 50°   | 4611.0 | 4701.1 | 4794.7 | 4879.5 | 4981.1 | 5092.4 | 5212.9 | 5333.4  | 5393.7  | 5442.8  | 5475.8  |
| 52.5° | 4960.7 | 5063.9 | 5163.7 | 5283.3 | 5408.6 | 5555.6 | 5706.1 | 5877.6  | 5968.9  | 6061.4  | 6110.5  |
| 55°   | 5293.2 | 5408.7 | 5511.5 | 5671.6 | 5825.3 | 6000.9 | 6197.3 | 6414.2  | 6572.0  | 6680.8  | 6776.9  |
| 57.5° | 5595.6 | 5718.5 | 5844.7 | 6025.2 | 6221.2 | 6426.4 | 6675.6 | 6938.9  | 7110.7  | 7300.1  | 7470.6  |
| 60°   | 5890.7 | 6045.2 | 6190.5 | 6426.5 | 6659.6 | 6914.6 | 7224.8 | 7558.2  | 7824.0  | 8081.4  | 8277.8  |
| 62.5° | 6282.3 | 6480.5 | 6661.2 | 6958.0 | 7262.6 | 7577.5 | 7946.7 | 8340.9  | 8726.8  | 9076.0  | 9340.5  |
| 65°   | 6860.4 | 7151.9 | 7422.2 | 7798.2 | 8182.7 | 8597.4 | 9038.0 | 9541.7  | 10004.7 | 10466.9 | 10845.6 |
| 67.5° | 7299.4 | 7668.3 | 8015.6 | 8470.2 | 8922.8 | 9403.3 | 9935.8 | 10530.7 | 11103.8 | 11624.9 | 12086.4 |
| 69°   | 7213.3 | 7604.6 | 7980.5 | 8444.6 | 8915.1 | 9405.9 | 9943.1 | 10575.6 | 11171.0 | 11737.1 | 12232.3 |
| 70°   | 6951.1 | 7358.8 | 7748.3 | 8208.8 | 8685.4 | 9177.5 | 9739.8 | 10361.0 | 10970.5 | 11573.7 | 12073.7 |
| 72.5° | 5760.8 | 6169.9 | 6548.1 | 7019.5 | 7499.3 | 8016.2 | 8548.6 | 9153.9  | 9804.8  | 10449.4 | 10887.7 |
| 75°   | 4130.4 | 4492.0 | 4858.5 | 5257.2 | 5725.3 | 6151.4 | 6638.5 | 7216.0  | 7763.0  | 8263.1  | 8598.4  |
| 77.5° | 2441.2 | 2657.8 | 2919.2 | 3106.7 | 3378.4 | 3613.0 | 3860.9 | 4181.7  | 4350.0  | 4672.7  | 4755.4  |
| 80°   | 994.7  | 988.7  | 1027.5 | 989.1  | 997.7  | 966.2  | 932.7  | 926.5   | 874.0   | 939.9   | 890.8   |
| 82.5° | 631.8  | 587.7  | 540.8  | 475.7  | 418.3  | 358.1  | 302.9  | 256.7   | 248.3   | 249.7   | 246.9   |
| 85°   | 416.2  | 397.1  | 354.9  | 298.4  | 243.3  | 195.2  | 156.2  | 123.4   | 122.0   | 120.0   | 119.2   |
| 87.5° | 75.3   | 70.0   | 57.5   | 49.1   | 41.4   | 30.9   | 21.8   | 16.2    | 15.4    | 15.4    | 18.2    |
| 90°   | 0.0    | 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):**

|       | 84°     | 85°     | 86°     | 87°     | 88°     | 89°     | 90°     |
|-------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 2463.3  | 2463.3  | 2463.3  | 2463.3  | 2463.3  | 2463.3  | 2463.3  |
| 2.5°  | 2468.9  | 2468.9  | 2468.2  | 2469.6  | 2468.9  | 2466.8  | 2464.7  |
| 5°    | 2501.2  | 2498.4  | 2500.5  | 2502.5  | 2499.0  | 2499.7  | 2498.3  |
| 7.5°  | 2555.2  | 2554.4  | 2555.2  | 2553.1  | 2551.6  | 2553.8  | 2555.9  |
| 10°   | 2630.9  | 2629.5  | 2628.9  | 2630.9  | 2629.5  | 2628.1  | 2628.9  |
| 12.5° | 2715.7  | 2715.7  | 2715.1  | 2715.7  | 2715.1  | 2712.9  | 2711.6  |
| 15°   | 2790.9  | 2792.2  | 2792.2  | 2790.9  | 2790.2  | 2789.4  | 2790.2  |
| 17.5° | 2837.1  | 2836.5  | 2836.4  | 2836.4  | 2835.7  | 2836.4  | 2837.9  |
| 20°   | 2849.1  | 2847.0  | 2846.9  | 2848.4  | 2846.9  | 2848.4  | 2849.0  |
| 22.5° | 2832.9  | 2832.9  | 2832.9  | 2833.7  | 2835.0  | 2835.0  | 2836.4  |
| 25°   | 2812.6  | 2812.6  | 2812.6  | 2814.0  | 2814.0  | 2814.7  | 2815.4  |
| 27.5° | 2796.4  | 2796.4  | 2796.5  | 2797.9  | 2797.8  | 2798.5  | 2799.9  |
| 30°   | 2791.6  | 2791.6  | 2790.8  | 2791.6  | 2792.2  | 2792.2  | 2792.9  |
| 32.5° | 2810.4  | 2808.4  | 2807.6  | 2806.3  | 2804.9  | 2804.9  | 2804.2  |
| 35°   | 2877.1  | 2871.5  | 2872.2  | 2868.0  | 2869.4  | 2865.9  | 2863.1  |
| 37.5° | 3039.1  | 3033.5  | 3027.2  | 3018.8  | 3013.9  | 3020.2  | 3020.2  |
| 40°   | 3342.2  | 3345.7  | 3330.3  | 3326.0  | 3316.9  | 3323.2  | 3331.6  |
| 42.5° | 3792.4  | 3796.7  | 3799.5  | 3776.3  | 3775.7  | 3770.7  | 3756.7  |
| 45°   | 4326.2  | 4316.4  | 4320.6  | 4310.1  | 4305.9  | 4290.4  | 4309.3  |
| 47.5° | 4890.8  | 4897.1  | 4871.8  | 4863.5  | 4878.2  | 4852.9  | 4856.5  |
| 50°   | 5494.7  | 5496.1  | 5477.1  | 5473.0  | 5486.4  | 5438.6  | 5461.1  |
| 52.5° | 6145.5  | 6148.5  | 6163.2  | 6145.6  | 6152.6  | 6141.4  | 6163.9  |
| 55°   | 6837.9  | 6890.5  | 6895.4  | 6914.4  | 6915.8  | 6938.8  | 6915.8  |
| 57.5° | 7565.3  | 7624.9  | 7681.0  | 7757.4  | 7774.2  | 7765.1  | 7779.9  |
| 60°   | 8441.3  | 8597.6  | 8681.8  | 8801.7  | 8820.7  | 8872.6  | 8827.8  |
| 62.5° | 9588.7  | 9832.1  | 10015.9 | 10108.5 | 10164.5 | 10273.4 | 10237.6 |
| 65°   | 11193.6 | 11483.1 | 11762.3 | 11895.6 | 12043.0 | 12197.3 | 12225.3 |
| 67.5° | 12508.0 | 12829.8 | 13120.3 | 13351.0 | 13530.5 | 13644.2 | 13653.3 |
| 69°   | 12672.1 | 13014.4 | 13320.1 | 13576.8 | 13751.5 | 13868.0 | 13898.8 |
| 70°   | 12524.1 | 12874.1 | 13198.1 | 13442.9 | 13637.9 | 13756.4 | 13797.9 |
| 72.5° | 11347.9 | 11764.5 | 12024.0 | 12273.7 | 12548.6 | 12584.4 | 12698.0 |
| 75°   | 8982.8  | 9356.5  | 9611.2  | 9677.1  | 9820.9  | 10001.9 | 9937.4  |
| 77.5° | 4685.2  | 4848.0  | 4902.0  | 4787.0  | 4781.4  | 4887.3  | 4676.9  |
| 80°   | 892.2   | 893.6   | 878.9   | 873.2   | 883.7   | 873.3   | 858.5   |
| 82.5° | 251.8   | 248.4   | 246.1   | 251.7   | 251.1   | 250.4   | 255.4   |
| 85°   | 116.5   | 112.9   | 107.3   | 107.3   | 110.1   | 105.9   | 108.0   |
| 87.5° | 16.2    | 13.4    | 13.4    | 13.4    | 12.7    | 12.7    | 12.7    |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)