

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: P152706

Luminaire Tested: **VXM-F06-LED-E1-SLL-7050**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P152706  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: VXM-F06-LED-E1-SLL-7050  
Description: VISION SITE MEDIUM LED LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (42) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14141.7 lumens  
Efficiency: N/A  
Efficacy: 90.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B2 - 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



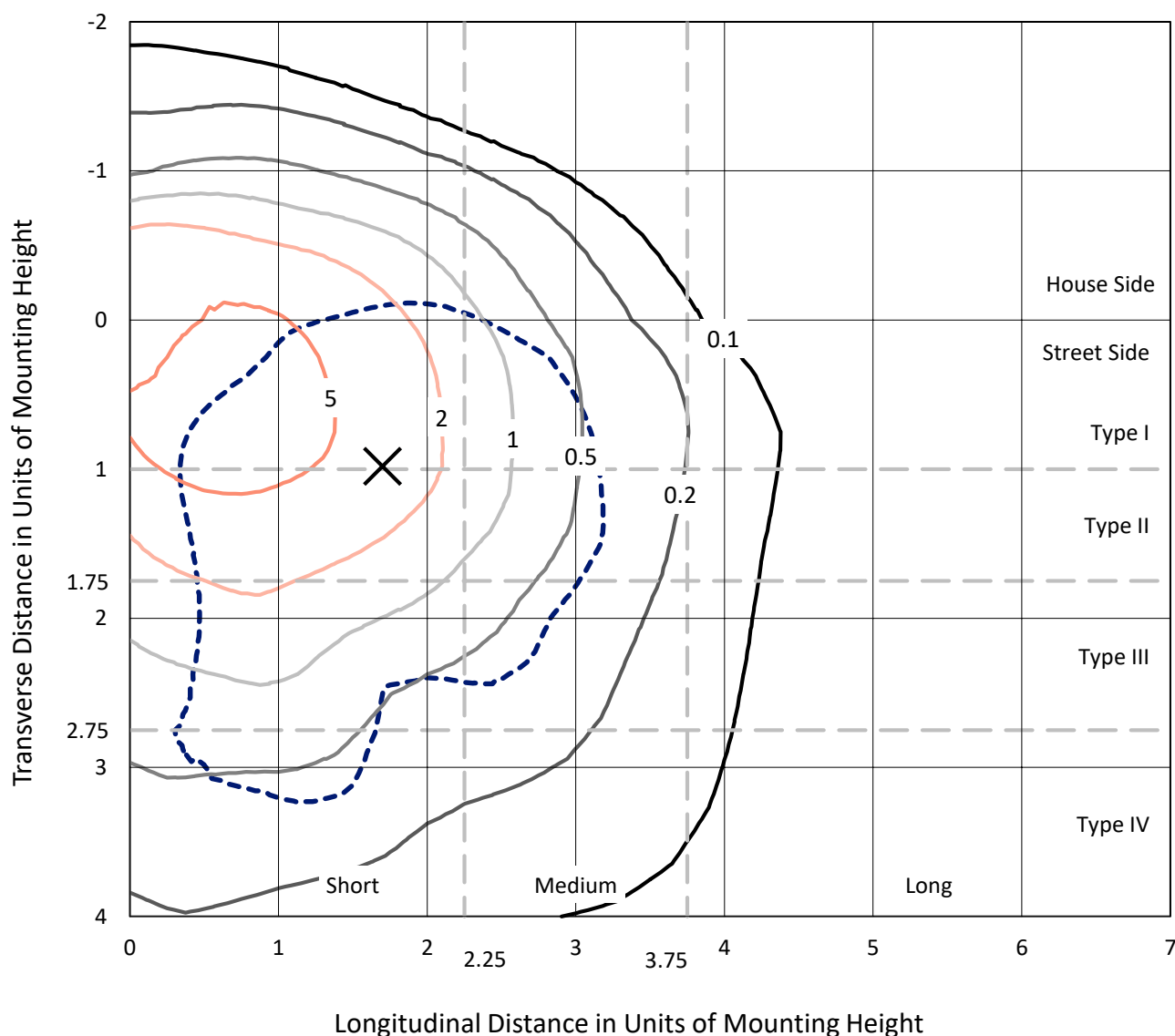
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

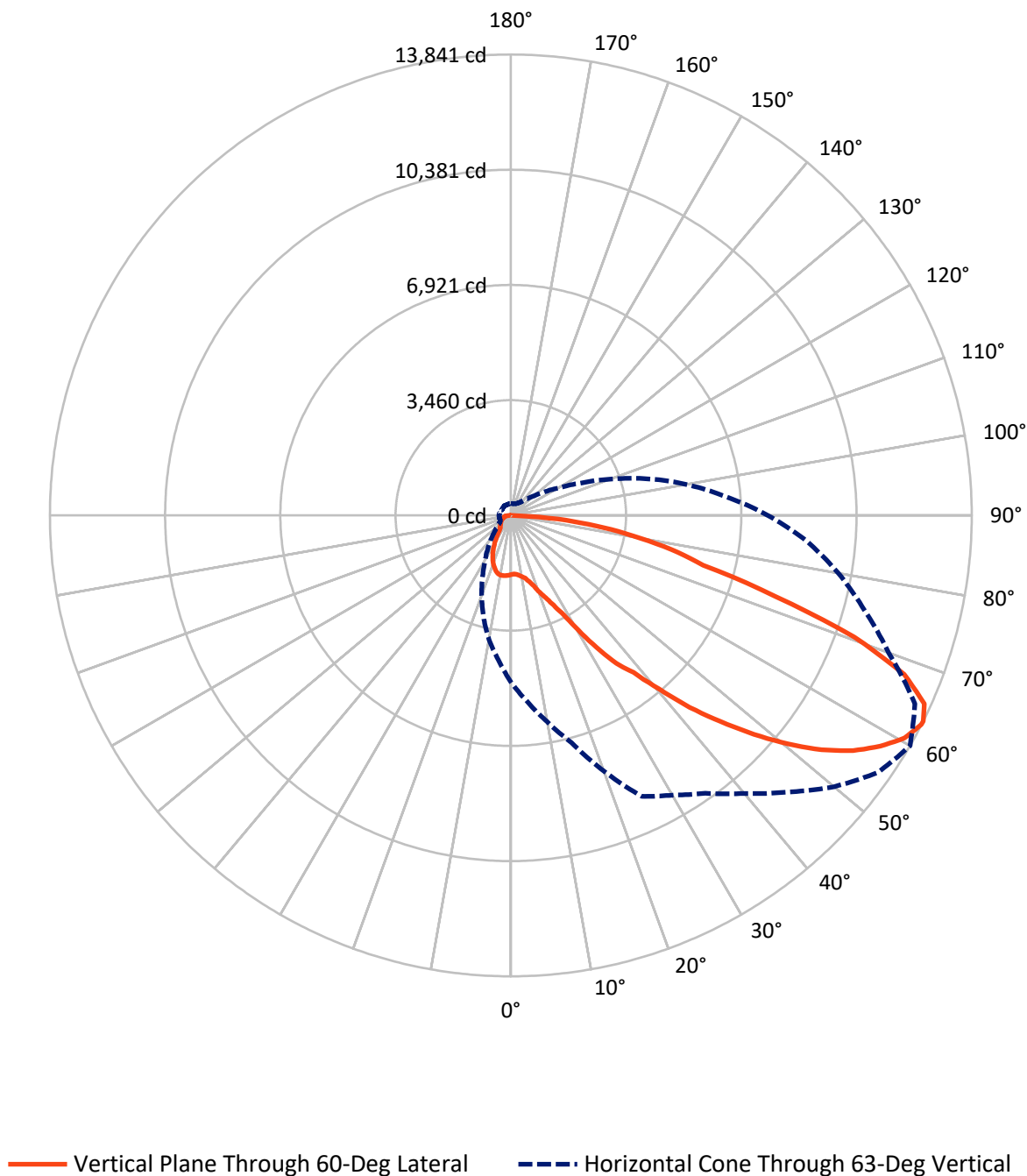


Based on 20 foot mounting height. Maximum calculated value = 8.8 fc  
 Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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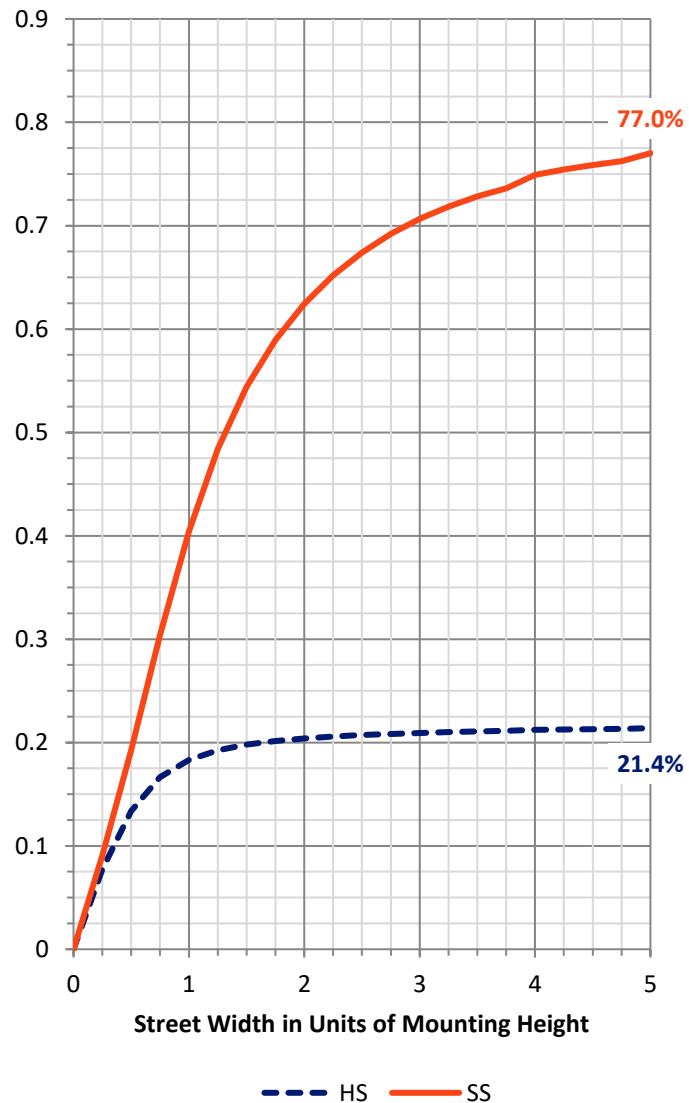
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3066.6   | 0.0    | 3066.6  |
|                    | % Fixture | 21.7     | 0.0    | 21.7    |
| <b>Street Side</b> | Lumens    | 11075.1  | 0.0    | 11075.1 |
|                    | % Fixture | 78.3     | 0.0    | 78.3    |
| <b>Total</b>       | Lumens    | 14141.7  | 0.0    | 14141.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 173.0   | 1.2       |
| 10°-20°   | 538.8   | 3.8       |
| 20°-30°   | 957.2   | 6.8       |
| 30°-40°   | 1507.3  | 10.7      |
| 40°-50°   | 2218.3  | 15.7      |
| 50°-60°   | 2946.5  | 20.8      |
| 60°-70°   | 3245.6  | 23.0      |
| 70°-80°   | 2036.3  | 14.4      |
| 80°-90°   | 518.6   | 3.7       |
| 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°    | 14141.7 | 100.0     |
| 0°-180°   | 14141.7 | 100.0     |

**Coefficient of Utilization**



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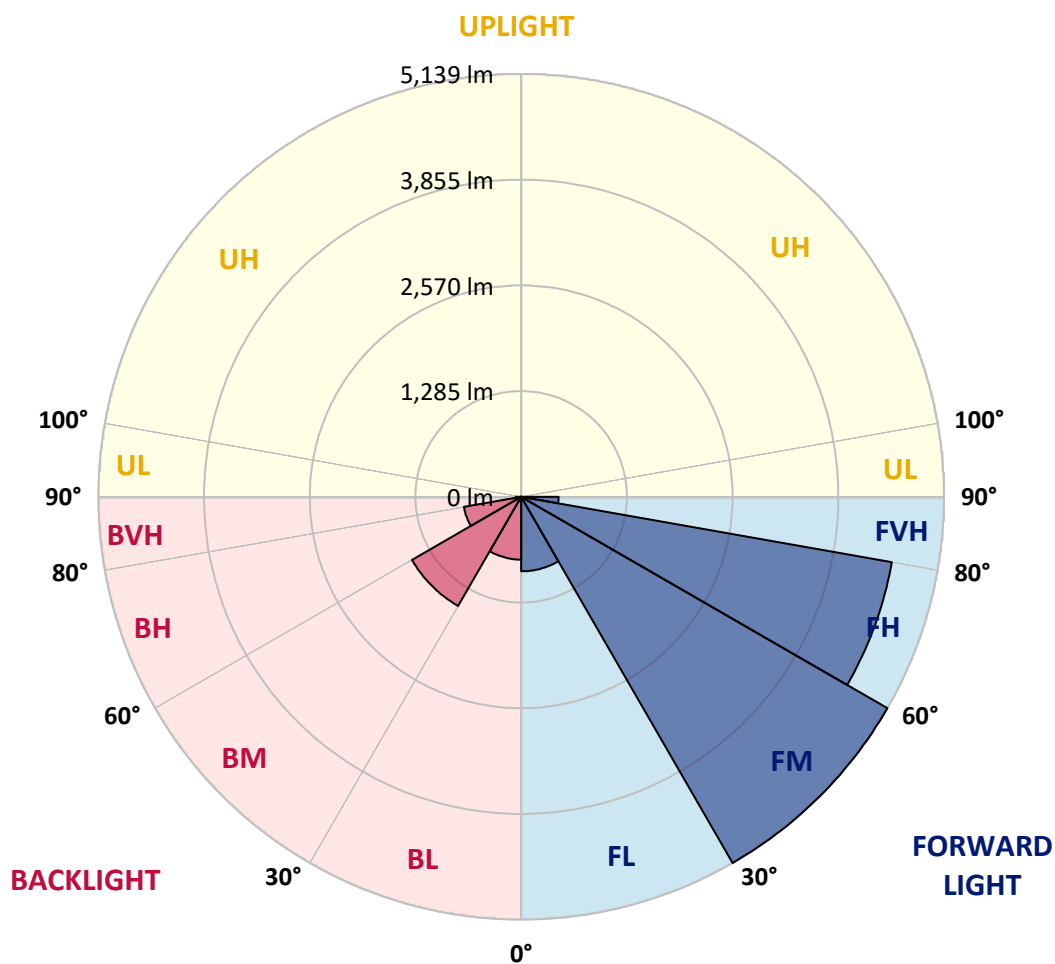
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 905.5  | 6.4       |                         |      |         |
| FM   | (30°-60°)   | 5139.4 | 36.3      |                         |      |         |
| FH   | (60°-80°)   | 4575.1 | 32.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 455.1  | 3.2       |                         |      | G3/500  |
| BL   | (0°-30°)    | 763.5  | 5.4       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1532.7 | 10.8      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 706.9  | 5.0       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 63.5   | 0.4       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G3**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°     | 40°     | 45°     | 50°     |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0°    | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2  | 1777.2  | 1777.2  | 1777.2  |
| 2.5°  | 1753.4 | 1756.8 | 1756.8 | 1755.1 | 1755.1 | 1758.5 | 1756.8 | 1755.1  | 1750.1  | 1756.8  | 1756.8  |
| 5°    | 1739.9 | 1743.3 | 1743.3 | 1746.7 | 1750.1 | 1753.4 | 1753.4 | 1756.8  | 1755.1  | 1761.9  | 1767.0  |
| 7.5°  | 1756.8 | 1760.2 | 1767.0 | 1775.5 | 1780.6 | 1792.4 | 1792.4 | 1800.9  | 1804.3  | 1809.4  | 1807.7  |
| 10°   | 1778.9 | 1787.3 | 1802.6 | 1816.1 | 1826.3 | 1839.8 | 1850.0 | 1861.9  | 1861.9  | 1867.0  | 1870.3  |
| 12.5° | 1817.8 | 1826.3 | 1843.2 | 1860.2 | 1875.4 | 1892.4 | 1907.6 | 1919.5  | 1931.3  | 1934.7  | 1941.5  |
| 15°   | 1882.2 | 1892.4 | 1917.8 | 1941.5 | 1960.1 | 1982.2 | 2002.5 | 2026.2  | 2048.2  | 2053.3  | 2056.7  |
| 17.5° | 1978.8 | 1999.1 | 2017.7 | 2060.1 | 2087.2 | 2116.0 | 2148.2 | 2182.1  | 2188.8  | 2224.4  | 2232.9  |
| 20°   | 2116.0 | 2141.4 | 2158.3 | 2210.9 | 2256.6 | 2293.9 | 2341.3 | 2380.3  | 2395.5  | 2429.4  | 2463.3  |
| 22.5° | 2353.2 | 2348.1 | 2373.5 | 2426.0 | 2459.9 | 2534.5 | 2575.1 | 2615.8  | 2636.1  | 2686.9  | 2714.0  |
| 25°   | 2671.7 | 2698.8 | 2754.7 | 2759.8 | 2792.0 | 2878.4 | 2930.9 | 2971.5  | 2973.2  | 2988.5  | 3017.3  |
| 27.5° | 2985.1 | 3096.9 | 3185.0 | 3232.4 | 3318.8 | 3398.5 | 3395.1 | 3452.7  | 3362.9  | 3381.5  | 3408.6  |
| 30°   | 3364.6 | 3550.9 | 3717.0 | 3828.8 | 3916.9 | 4010.1 | 4055.8 | 4088.0  | 4049.0  | 4032.1  | 3999.9  |
| 32.5° | 3720.4 | 3981.3 | 4237.1 | 4435.3 | 4599.6 | 4753.8 | 4855.4 | 4901.2  | 4955.4  | 5092.6  | 5141.7  |
| 35°   | 3964.3 | 4333.6 | 4652.1 | 4938.5 | 5212.9 | 5458.6 | 5636.4 | 5738.1  | 5699.1  | 5680.5  | 5670.3  |
| 37.5° | 4110.0 | 4560.7 | 4958.8 | 5363.7 | 5678.8 | 6046.4 | 6322.6 | 6590.2  | 6651.2  | 6544.5  | 6492.0  |
| 40°   | 4201.5 | 4735.2 | 5246.8 | 5724.5 | 6132.8 | 6607.2 | 6949.4 | 7350.9  | 7655.9  | 7696.5  | 7571.2  |
| 42.5° | 4245.5 | 4852.0 | 5448.4 | 5988.8 | 6541.1 | 7122.2 | 7555.9 | 8042.1  | 8497.9  | 8811.3  | 8733.3  |
| 45°   | 4252.3 | 4928.3 | 5595.8 | 6227.7 | 6885.0 | 7574.6 | 8133.6 | 8672.4  | 9282.3  | 9819.3  | 9834.5  |
| 47.5° | 4252.3 | 4985.9 | 5697.4 | 6400.5 | 7193.4 | 7967.6 | 8577.5 | 9214.5  | 9961.6  | 10596.9 | 10791.7 |
| 50°   | 4255.7 | 5024.9 | 5792.3 | 6536.0 | 7428.9 | 8299.6 | 8989.2 | 9741.4  | 10527.5 | 11218.7 | 11594.8 |
| 52.5° | 4271.0 | 5053.7 | 5866.8 | 6632.6 | 7581.3 | 8533.4 | 9309.4 | 10176.8 | 10959.5 | 11669.3 | 12155.5 |
| 55°   | 4304.8 | 5094.3 | 5921.1 | 6691.9 | 7683.0 | 8685.9 | 9541.5 | 10474.9 | 11239.0 | 11959.0 | 12638.4 |
| 57.5° | 4399.7 | 5165.5 | 5987.1 | 6744.4 | 7738.9 | 8785.9 | 9704.1 | 10603.7 | 11345.7 | 12096.2 | 12894.2 |
| 60°   | 4589.5 | 5316.2 | 6100.6 | 6849.5 | 7832.1 | 8970.5 | 9782.0 | 10517.3 | 11267.8 | 12055.6 | 12951.8 |
| 62.5° | 4892.7 | 5551.7 | 6258.2 | 7027.3 | 8098.0 | 9256.8 | 9722.7 | 10259.8 | 10961.2 | 11820.1 | 12746.8 |
| 63°   | 4997.7 | 5602.6 | 6293.8 | 7066.3 | 8170.9 | 9309.4 | 9697.3 | 10183.5 | 10898.5 | 11745.6 | 12673.9 |
| 65°   | 5290.8 | 5827.9 | 6463.2 | 7262.8 | 8470.8 | 9361.9 | 9499.1 | 9787.1  | 10464.8 | 11320.3 | 12243.6 |
| 67.5° | 5838.0 | 6375.1 | 6827.4 | 7594.9 | 8723.2 | 9155.2 | 8884.1 | 8919.7  | 9627.9  | 10513.9 | 11344.0 |
| 70°   | 6183.7 | 6824.0 | 7059.5 | 7637.2 | 8677.4 | 8848.6 | 8087.9 | 7616.9  | 8184.4  | 9194.2  | 9920.9  |
| 72.5° | 6093.9 | 6829.1 | 6803.7 | 7073.1 | 7762.6 | 7921.9 | 7134.1 | 6392.0  | 6729.2  | 7483.1  | 7954.0  |
| 75°   | 5219.7 | 6098.9 | 5912.6 | 5858.4 | 6100.6 | 6205.7 | 5614.4 | 5500.9  | 5926.1  | 6344.6  | 6351.4  |
| 77.5° | 3757.6 | 4725.0 | 4506.4 | 4193.0 | 4176.1 | 4418.3 | 4498.0 | 5241.7  | 5870.2  | 6200.6  | 6054.9  |
| 80°   | 2393.8 | 3442.5 | 3215.5 | 2668.3 | 2659.8 | 2974.9 | 3674.6 | 4686.0  | 5351.8  | 5536.5  | 5157.0  |
| 82.5° | 1250.3 | 2253.2 | 2339.6 | 2002.5 | 2292.2 | 2814.0 | 3496.7 | 3776.3  | 4028.7  | 4054.1  | 3606.8  |
| 85°   | 779.3  | 1385.8 | 1629.8 | 1682.3 | 2070.3 | 2495.5 | 2490.4 | 2392.1  | 2280.3  | 1951.7  | 1765.3  |
| 87.5° | 88.1   | 174.5  | 264.3  | 250.7  | 337.1  | 472.7  | 589.6  | 345.6   | 242.3   | 88.1    | 122.0   |
| 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):**

|       | 55°     | 60°     | 65°     | 70°     | 75°     | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| 0°    | 1777.2  | 1777.2  | 1777.2  | 1777.2  | 1777.2  | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 |
| 2.5°  | 1760.2  | 1761.9  | 1763.6  | 1763.6  | 1772.1  | 1770.4 | 1772.1 | 1775.5 | 1780.6 | 1783.9 | 1787.3 |
| 5°    | 1773.8  | 1773.8  | 1780.6  | 1785.6  | 1795.8  | 1802.6 | 1806.0 | 1816.1 | 1828.0 | 1824.6 | 1834.8 |
| 7.5°  | 1817.8  | 1816.1  | 1822.9  | 1826.3  | 1834.8  | 1846.6 | 1844.9 | 1853.4 | 1863.6 | 1867.0 | 1875.4 |
| 10°   | 1877.1  | 1872.0  | 1872.0  | 1868.6  | 1870.3  | 1867.0 | 1867.0 | 1867.0 | 1873.7 | 1872.0 | 1878.8 |
| 12.5° | 1938.1  | 1936.4  | 1933.0  | 1922.9  | 1922.9  | 1909.3 | 1902.5 | 1894.1 | 1892.4 | 1880.5 | 1882.2 |
| 15°   | 2063.5  | 2063.5  | 2056.7  | 2036.4  | 2019.4  | 2007.6 | 1990.6 | 1978.8 | 1961.8 | 1939.8 | 1927.9 |
| 17.5° | 2246.4  | 2222.7  | 2214.3  | 2210.9  | 2183.8  | 2173.6 | 2136.3 | 2097.4 | 2078.7 | 2048.2 | 2031.3 |
| 20°   | 2470.1  | 2465.0  | 2431.1  | 2414.2  | 2380.3  | 2332.8 | 2285.4 | 2234.6 | 2204.1 | 2166.8 | 2146.5 |
| 22.5° | 2722.5  | 2685.2  | 2668.3  | 2642.9  | 2590.4  | 2536.1 | 2465.0 | 2397.2 | 2349.8 | 2324.4 | 2309.1 |
| 25°   | 3017.3  | 2980.0  | 2963.1  | 2929.2  | 2864.8  | 2807.2 | 2719.1 | 2639.5 | 2597.1 | 2554.8 | 2531.1 |
| 27.5° | 3408.6  | 3373.1  | 3352.7  | 3264.6  | 3242.6  | 3147.7 | 3039.3 | 2930.9 | 2875.0 | 2812.3 | 2771.6 |
| 30°   | 3993.1  | 3994.8  | 3889.8  | 3783.0  | 3672.9  | 3508.6 | 3395.1 | 3273.1 | 3181.6 | 3091.8 | 3002.0 |
| 32.5° | 4980.8  | 4728.4  | 4533.5  | 4304.8  | 4066.0  | 3891.5 | 3750.9 | 3605.2 | 3478.1 | 3347.6 | 3198.6 |
| 35°   | 5583.9  | 5461.9  | 5209.5  | 4791.1  | 4550.5  | 4338.7 | 4182.9 | 4006.7 | 3850.8 | 3620.4 | 3393.4 |
| 37.5° | 6265.0  | 5982.0  | 5675.4  | 5443.3  | 5170.5  | 4924.9 | 4664.0 | 4464.1 | 4194.7 | 3884.7 | 3562.8 |
| 40°   | 7259.4  | 6854.5  | 6485.2  | 6173.5  | 5821.1  | 5563.6 | 5272.2 | 4982.5 | 4625.0 | 4176.1 | 3733.9 |
| 42.5° | 8298.0  | 7879.5  | 7391.6  | 6986.7  | 6571.6  | 6270.1 | 5909.2 | 5502.6 | 4977.4 | 4421.7 | 3881.3 |
| 45°   | 9387.3  | 8828.2  | 8243.7  | 7749.0  | 7317.0  | 6942.6 | 6495.4 | 5956.6 | 5316.2 | 4642.0 | 4018.5 |
| 47.5° | 10461.4 | 9819.3  | 9123.0  | 8591.0  | 8028.6  | 7571.2 | 7022.3 | 6341.2 | 5580.5 | 4850.4 | 4155.8 |
| 50°   | 11408.4 | 10790.0 | 9951.4  | 9275.5  | 8706.2  | 8142.1 | 7457.7 | 6637.7 | 5788.9 | 5029.9 | 4279.4 |
| 52.5° | 12225.0 | 11693.0 | 10810.4 | 9956.5  | 9300.9  | 8667.3 | 7808.3 | 6876.6 | 5999.0 | 5196.0 | 4381.1 |
| 55°   | 12824.7 | 12470.6 | 11657.5 | 10598.6 | 9824.4  | 9068.8 | 8104.8 | 7107.0 | 6197.2 | 5328.1 | 4447.1 |
| 57.5° | 13277.1 | 13080.5 | 12382.6 | 11203.4 | 10305.5 | 9458.4 | 8411.5 | 7383.1 | 6393.7 | 5441.6 | 4477.6 |
| 60°   | 13524.4 | 13578.6 | 12931.5 | 11732.0 | 10730.8 | 9783.7 | 8718.1 | 7618.6 | 6539.4 | 5507.7 | 4460.7 |
| 62.5° | 13500.7 | 13832.7 | 13343.1 | 12057.3 | 10978.1 | 9976.9 | 8924.8 | 7728.7 | 6519.1 | 5402.6 | 4306.5 |
| 63°   | 13454.9 | 13841.2 | 13388.9 | 12079.3 | 10993.3 | 9983.6 | 8929.9 | 7713.5 | 6476.7 | 5351.8 | 4245.5 |
| 65°   | 13060.2 | 13646.4 | 13349.9 | 11979.3 | 10857.8 | 9856.6 | 8823.1 | 7493.2 | 6178.6 | 5079.1 | 3932.1 |
| 67.5° | 12003.1 | 12736.6 | 12651.9 | 11272.9 | 10215.7 | 9331.4 | 8277.6 | 6783.4 | 5441.6 | 4408.2 | 3332.4 |
| 70°   | 10256.4 | 10945.9 | 10961.2 | 9804.1  | 8921.4  | 8054.0 | 7178.1 | 5519.5 | 4313.3 | 3417.1 | 2485.3 |
| 72.5° | 7860.9  | 8304.7  | 8458.9  | 7696.5  | 7105.3  | 6495.4 | 5709.3 | 4006.7 | 3074.9 | 2324.4 | 1617.9 |
| 75°   | 6087.1  | 5965.1  | 5963.4  | 5641.5  | 5401.0  | 5102.8 | 4238.8 | 2703.9 | 2019.4 | 1511.2 | 989.4  |
| 77.5° | 5472.1  | 4930.0  | 4404.8  | 4018.5  | 3825.4  | 3725.4 | 2780.1 | 1629.8 | 1191.0 | 869.1  | 569.2  |
| 80°   | 4513.2  | 3713.6  | 3000.3  | 2583.6  | 2417.6  | 2532.8 | 1550.1 | 881.0  | 652.2  | 494.7  | 369.3  |
| 82.5° | 3112.2  | 2583.6  | 1963.5  | 1626.4  | 1396.0  | 1460.4 | 792.9  | 450.6  | 301.6  | 276.1  | 228.7  |
| 85°   | 1621.3  | 1421.4  | 1199.5  | 1030.0  | 909.8   | 799.6  | 411.7  | 215.2  | 125.4  | 110.1  | 100.0  |
| 87.5° | 0.0     | 1.7     | 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    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 |
| 2.5°  | 1792.4 | 1790.7 | 1794.1 | 1795.8 | 1800.9 | 1804.3 | 1806.0 | 1802.6 | 1807.7 | 1812.7 | 1809.4 |
| 5°    | 1839.8 | 1851.7 | 1853.4 | 1858.5 | 1858.5 | 1868.6 | 1868.6 | 1868.6 | 1867.0 | 1868.6 | 1865.3 |
| 7.5°  | 1880.5 | 1895.8 | 1897.4 | 1904.2 | 1905.9 | 1917.8 | 1912.7 | 1916.1 | 1916.1 | 1907.6 | 1904.2 |
| 10°   | 1885.6 | 1900.8 | 1909.3 | 1917.8 | 1929.6 | 1944.9 | 1944.9 | 1953.4 | 1953.4 | 1946.6 | 1944.9 |
| 12.5° | 1887.3 | 1899.1 | 1907.6 | 1919.5 | 1936.4 | 1958.4 | 1970.3 | 1982.2 | 1987.2 | 1985.5 | 1980.5 |
| 15°   | 1922.9 | 1922.9 | 1924.6 | 1934.7 | 1946.6 | 1973.7 | 1990.6 | 2004.2 | 2012.7 | 2009.3 | 2000.8 |
| 17.5° | 2016.0 | 2002.5 | 1992.3 | 1975.4 | 1978.8 | 1992.3 | 2002.5 | 2014.3 | 2016.0 | 2012.7 | 1999.1 |
| 20°   | 2124.5 | 2107.5 | 2082.1 | 2055.0 | 2041.5 | 2031.3 | 2024.5 | 2024.5 | 2019.4 | 2002.5 | 1980.5 |
| 22.5° | 2278.6 | 2256.6 | 2221.0 | 2180.4 | 2153.3 | 2121.1 | 2082.1 | 2044.8 | 2004.2 | 1963.5 | 1916.1 |
| 25°   | 2492.1 | 2461.6 | 2424.3 | 2361.6 | 2304.0 | 2236.3 | 2156.7 | 2073.6 | 1977.1 | 1892.4 | 1822.9 |
| 27.5° | 2707.3 | 2639.5 | 2542.9 | 2456.5 | 2349.8 | 2248.1 | 2134.6 | 2033.0 | 1909.3 | 1807.7 | 1731.4 |
| 30°   | 2885.1 | 2756.4 | 2617.5 | 2480.2 | 2339.6 | 2202.4 | 2066.9 | 1944.9 | 1809.4 | 1706.0 | 1631.5 |
| 32.5° | 3022.4 | 2844.5 | 2651.3 | 2471.8 | 2299.0 | 2131.2 | 1975.4 | 1839.8 | 1702.6 | 1595.9 | 1516.3 |
| 35°   | 3149.4 | 2902.1 | 2656.4 | 2434.5 | 2221.0 | 2046.5 | 1870.3 | 1723.0 | 1577.3 | 1465.4 | 1379.0 |
| 37.5° | 3244.3 | 2929.2 | 2625.9 | 2365.0 | 2119.4 | 1924.6 | 1745.0 | 1594.2 | 1445.1 | 1323.1 | 1224.9 |
| 40°   | 3305.3 | 2912.2 | 2559.9 | 2265.1 | 1999.1 | 1794.1 | 1611.1 | 1455.3 | 1311.3 | 1177.4 | 1058.8 |
| 42.5° | 3354.4 | 2890.2 | 2493.8 | 2173.6 | 1904.2 | 1680.6 | 1492.5 | 1324.8 | 1179.1 | 1033.4 | 903.0  |
| 45°   | 3427.3 | 2907.2 | 2465.0 | 2109.2 | 1819.5 | 1584.0 | 1377.3 | 1202.8 | 1050.4 | 908.1  | 782.7  |
| 47.5° | 3498.4 | 2915.6 | 2422.6 | 2029.6 | 1712.8 | 1484.1 | 1274.0 | 1104.6 | 948.7  | 818.3  | 703.1  |
| 50°   | 3562.8 | 2910.6 | 2356.6 | 1927.9 | 1609.4 | 1384.1 | 1180.8 | 1011.4 | 857.2  | 737.0  | 628.5  |
| 52.5° | 3593.3 | 2881.8 | 2275.2 | 1829.7 | 1526.4 | 1296.0 | 1089.3 | 925.0  | 772.5  | 659.0  | 559.1  |
| 55°   | 3589.9 | 2807.2 | 2168.5 | 1736.5 | 1434.9 | 1202.8 | 999.5  | 836.9  | 699.7  | 594.6  | 508.2  |
| 57.5° | 3539.1 | 2692.0 | 2055.0 | 1633.2 | 1314.7 | 1087.6 | 894.5  | 737.0  | 621.8  | 533.7  | 460.8  |
| 60°   | 3432.4 | 2544.6 | 1905.9 | 1482.4 | 1163.9 | 945.3  | 764.1  | 628.5  | 535.4  | 467.6  | 420.1  |
| 62.5° | 3232.4 | 2332.8 | 1719.6 | 1272.3 | 960.6  | 760.7  | 603.1  | 515.0  | 445.6  | 404.9  | 382.9  |
| 63°   | 3173.1 | 2275.2 | 1639.9 | 1221.5 | 913.1  | 718.3  | 569.2  | 477.8  | 426.9  | 391.3  | 371.0  |
| 65°   | 2878.4 | 1992.3 | 1372.3 | 986.0  | 709.8  | 554.0  | 457.4  | 388.0  | 357.5  | 342.2  | 340.5  |
| 67.5° | 2331.2 | 1567.1 | 970.7  | 676.0  | 482.8  | 399.8  | 350.7  | 321.9  | 308.3  | 304.9  | 308.3  |
| 70°   | 1636.6 | 989.4  | 616.7  | 449.0  | 357.5  | 321.9  | 299.9  | 288.0  | 279.5  | 281.2  | 284.6  |
| 72.5° | 1043.6 | 593.0  | 423.5  | 340.5  | 301.6  | 282.9  | 272.8  | 269.4  | 267.7  | 266.0  | 266.0  |
| 75°   | 594.6  | 394.7  | 325.3  | 294.8  | 274.5  | 259.2  | 250.7  | 247.3  | 249.0  | 250.7  | 247.3  |
| 77.5° | 393.0  | 325.3  | 289.7  | 269.4  | 250.7  | 233.8  | 228.7  | 227.0  | 230.4  | 233.8  | 233.8  |
| 80°   | 310.0  | 289.7  | 269.4  | 249.0  | 218.5  | 206.7  | 210.1  | 211.8  | 210.1  | 211.8  | 206.7  |
| 82.5° | 218.5  | 215.2  | 220.2  | 211.8  | 181.3  | 171.1  | 167.7  | 169.4  | 166.0  | 166.0  | 162.6  |
| 85°   | 101.6  | 101.6  | 106.7  | 106.7  | 103.3  | 105.0  | 113.5  | 123.7  | 128.8  | 123.7  | 116.9  |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 15.2   | 30.5   | 44.0   | 47.4   | 59.3   | 57.6   |
| 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):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 |
| 2.5°  | 1804.3 | 1807.7 | 1806.0 | 1804.3 | 1807.7 | 1804.3 | 1806.0 | 1804.3 | 1804.3 | 1802.6 | 1802.6 |
| 5°    | 1861.9 | 1867.0 | 1856.8 | 1855.1 | 1851.7 | 1843.2 | 1843.2 | 1839.8 | 1839.8 | 1833.1 | 1828.0 |
| 7.5°  | 1899.1 | 1900.8 | 1892.4 | 1890.7 | 1882.2 | 1873.7 | 1867.0 | 1860.2 | 1858.5 | 1853.4 | 1843.2 |
| 10°   | 1934.7 | 1931.3 | 1924.6 | 1916.1 | 1907.6 | 1895.8 | 1887.3 | 1878.8 | 1877.1 | 1868.6 | 1856.8 |
| 12.5° | 1965.2 | 1963.5 | 1950.0 | 1941.5 | 1927.9 | 1916.1 | 1905.9 | 1895.8 | 1890.7 | 1880.5 | 1863.6 |
| 15°   | 1985.5 | 1975.4 | 1958.4 | 1943.2 | 1927.9 | 1914.4 | 1902.5 | 1890.7 | 1885.6 | 1873.7 | 1856.8 |
| 17.5° | 1977.1 | 1958.4 | 1936.4 | 1917.8 | 1897.4 | 1880.5 | 1870.3 | 1858.5 | 1850.0 | 1843.2 | 1819.5 |
| 20°   | 1946.6 | 1919.5 | 1885.6 | 1863.6 | 1836.5 | 1814.4 | 1807.7 | 1795.8 | 1789.0 | 1763.6 | 1733.1 |
| 22.5° | 1867.0 | 1828.0 | 1785.6 | 1753.4 | 1723.0 | 1700.9 | 1684.0 | 1672.1 | 1655.2 | 1639.9 | 1592.5 |
| 25°   | 1767.0 | 1723.0 | 1678.9 | 1639.9 | 1599.3 | 1565.4 | 1534.9 | 1506.1 | 1497.6 | 1465.4 | 1419.7 |
| 27.5° | 1670.4 | 1621.3 | 1577.3 | 1531.5 | 1479.0 | 1436.6 | 1384.1 | 1343.5 | 1316.4 | 1282.5 | 1240.1 |
| 30°   | 1567.1 | 1518.0 | 1458.7 | 1397.7 | 1336.7 | 1290.9 | 1231.6 | 1182.5 | 1148.6 | 1113.1 | 1074.1 |
| 32.5° | 1436.6 | 1377.3 | 1306.2 | 1238.4 | 1182.5 | 1128.3 | 1069.0 | 1021.6 | 987.7  | 955.5  | 918.2  |
| 35°   | 1287.6 | 1209.6 | 1133.4 | 1058.8 | 999.5  | 953.8  | 901.3  | 865.7  | 842.0  | 813.2  | 774.2  |
| 37.5° | 1116.4 | 1028.3 | 947.0  | 889.4  | 836.9  | 792.9  | 755.6  | 733.6  | 708.2  | 692.9  | 669.2  |
| 40°   | 943.6  | 857.2  | 777.6  | 725.1  | 681.0  | 655.6  | 635.3  | 630.2  | 613.3  | 593.0  | 577.7  |
| 42.5° | 791.2  | 708.2  | 630.2  | 587.9  | 559.1  | 552.3  | 542.1  | 542.1  | 533.7  | 518.4  | 508.2  |
| 45°   | 687.8  | 601.4  | 533.7  | 503.2  | 487.9  | 486.2  | 481.1  | 481.1  | 479.4  | 472.7  | 460.8  |
| 47.5° | 613.3  | 535.4  | 482.8  | 464.2  | 460.8  | 457.4  | 452.3  | 450.6  | 449.0  | 443.9  | 437.1  |
| 50°   | 545.5  | 479.4  | 445.6  | 437.1  | 438.8  | 433.7  | 428.6  | 423.5  | 421.8  | 416.8  | 410.0  |
| 52.5° | 482.8  | 435.4  | 413.4  | 408.3  | 408.3  | 408.3  | 404.9  | 404.9  | 401.5  | 399.8  | 393.0  |
| 55°   | 447.3  | 411.7  | 399.8  | 398.1  | 396.4  | 394.7  | 391.3  | 391.3  | 388.0  | 386.3  | 377.8  |
| 57.5° | 416.8  | 394.7  | 388.0  | 384.6  | 382.9  | 379.5  | 377.8  | 377.8  | 377.8  | 377.8  | 367.6  |
| 60°   | 393.0  | 382.9  | 381.2  | 377.8  | 376.1  | 369.3  | 365.9  | 364.2  | 365.9  | 367.6  | 357.5  |
| 62.5° | 367.6  | 365.9  | 364.2  | 360.9  | 359.2  | 352.4  | 347.3  | 343.9  | 347.3  | 350.7  | 349.0  |
| 63°   | 360.9  | 359.2  | 359.2  | 357.5  | 355.8  | 347.3  | 342.2  | 338.8  | 342.2  | 345.6  | 345.6  |
| 65°   | 337.1  | 338.8  | 338.8  | 337.1  | 335.4  | 330.4  | 323.6  | 320.2  | 321.9  | 327.0  | 328.7  |
| 67.5° | 311.7  | 313.4  | 311.7  | 313.4  | 311.7  | 308.3  | 303.3  | 299.9  | 298.2  | 299.9  | 301.6  |
| 70°   | 288.0  | 291.4  | 289.7  | 288.0  | 286.3  | 286.3  | 282.9  | 277.8  | 276.1  | 274.5  | 274.5  |
| 72.5° | 267.7  | 267.7  | 264.3  | 264.3  | 262.6  | 262.6  | 259.2  | 254.1  | 252.4  | 252.4  | 249.0  |
| 75°   | 245.7  | 245.7  | 240.6  | 240.6  | 237.2  | 238.9  | 235.5  | 230.4  | 228.7  | 228.7  | 227.0  |
| 77.5° | 232.1  | 227.0  | 218.5  | 216.9  | 215.2  | 215.2  | 213.5  | 208.4  | 206.7  | 206.7  | 205.0  |
| 80°   | 205.0  | 194.8  | 186.4  | 184.7  | 186.4  | 189.7  | 189.7  | 186.4  | 186.4  | 186.4  | 186.4  |
| 82.5° | 159.3  | 155.9  | 150.8  | 147.4  | 147.4  | 152.5  | 159.3  | 162.6  | 166.0  | 169.4  | 169.4  |
| 85°   | 116.9  | 118.6  | 116.9  | 111.8  | 110.1  | 115.2  | 122.0  | 128.8  | 130.4  | 137.2  | 135.5  |
| 87.5° | 62.7   | 64.4   | 59.3   | 57.6   | 62.7   | 66.1   | 72.8   | 74.5   | 77.9   | 79.6   | 81.3   |
| 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):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 |
| 2.5°  | 1800.9 | 1799.2 | 1800.9 | 1797.5 | 1797.5 | 1794.1 | 1790.7 | 1789.0 | 1785.6 | 1783.9 | 1780.6 |
| 5°    | 1831.4 | 1826.3 | 1821.2 | 1819.5 | 1812.7 | 1806.0 | 1800.9 | 1792.4 | 1785.6 | 1773.8 | 1770.4 |
| 7.5°  | 1851.7 | 1839.8 | 1833.1 | 1831.4 | 1821.2 | 1816.1 | 1804.3 | 1794.1 | 1783.9 | 1768.7 | 1763.6 |
| 10°   | 1860.2 | 1848.3 | 1836.5 | 1831.4 | 1819.5 | 1811.0 | 1799.2 | 1783.9 | 1775.5 | 1760.2 | 1756.8 |
| 12.5° | 1870.3 | 1848.3 | 1829.7 | 1816.1 | 1799.2 | 1780.6 | 1768.7 | 1760.2 | 1748.4 | 1739.9 | 1736.5 |
| 15°   | 1851.7 | 1822.9 | 1794.1 | 1768.7 | 1741.6 | 1721.3 | 1709.4 | 1695.8 | 1682.3 | 1677.2 | 1677.2 |
| 17.5° | 1800.9 | 1763.6 | 1714.5 | 1682.3 | 1653.5 | 1631.5 | 1616.2 | 1602.7 | 1601.0 | 1594.2 | 1597.6 |
| 20°   | 1695.8 | 1646.7 | 1599.3 | 1575.6 | 1558.6 | 1545.1 | 1529.8 | 1523.0 | 1518.0 | 1507.8 | 1504.4 |
| 22.5° | 1550.1 | 1509.5 | 1475.6 | 1458.7 | 1445.1 | 1428.2 | 1414.6 | 1394.3 | 1389.2 | 1379.0 | 1374.0 |
| 25°   | 1389.2 | 1357.0 | 1328.2 | 1316.4 | 1307.9 | 1284.2 | 1275.7 | 1248.6 | 1230.0 | 1218.1 | 1224.9 |
| 27.5° | 1228.3 | 1204.5 | 1177.4 | 1162.2 | 1157.1 | 1135.1 | 1126.6 | 1096.1 | 1080.9 | 1080.9 | 1063.9 |
| 30°   | 1062.2 | 1040.2 | 1023.3 | 1006.3 | 1002.9 | 975.8  | 953.8  | 941.9  | 925.0  | 918.2  | 906.4  |
| 32.5° | 906.4  | 884.3  | 870.8  | 862.3  | 848.8  | 826.7  | 804.7  | 784.4  | 757.3  | 747.1  | 742.0  |
| 35°   | 762.4  | 745.4  | 728.5  | 721.7  | 703.1  | 679.4  | 652.2  | 635.3  | 603.1  | 591.3  | 586.2  |
| 37.5° | 652.2  | 631.9  | 620.1  | 601.4  | 582.8  | 557.4  | 537.0  | 521.8  | 509.9  | 504.9  | 504.9  |
| 40°   | 564.2  | 548.9  | 535.4  | 520.1  | 504.9  | 491.3  | 481.1  | 477.8  | 476.1  | 476.1  | 479.4  |
| 42.5° | 498.1  | 484.5  | 477.8  | 469.3  | 464.2  | 464.2  | 462.5  | 464.2  | 465.9  | 467.6  | 472.7  |
| 45°   | 454.0  | 445.6  | 442.2  | 440.5  | 443.9  | 447.3  | 449.0  | 452.3  | 459.1  | 462.5  | 464.2  |
| 47.5° | 430.3  | 423.5  | 421.8  | 423.5  | 428.6  | 435.4  | 442.2  | 447.3  | 452.3  | 454.0  | 455.7  |
| 50°   | 406.6  | 398.1  | 394.7  | 398.1  | 404.9  | 415.1  | 420.1  | 428.6  | 432.0  | 435.4  | 432.0  |
| 52.5° | 386.3  | 379.5  | 377.8  | 377.8  | 384.6  | 391.3  | 398.1  | 404.9  | 406.6  | 406.6  | 404.9  |
| 55°   | 369.3  | 364.2  | 359.2  | 362.5  | 367.6  | 374.4  | 384.6  | 389.7  | 393.0  | 394.7  | 394.7  |
| 57.5° | 355.8  | 350.7  | 345.6  | 349.0  | 354.1  | 360.9  | 371.0  | 376.1  | 379.5  | 384.6  | 386.3  |
| 60°   | 345.6  | 338.8  | 333.7  | 338.8  | 343.9  | 354.1  | 362.5  | 367.6  | 376.1  | 377.8  | 377.8  |
| 62.5° | 335.4  | 328.7  | 320.2  | 325.3  | 325.3  | 330.4  | 338.8  | 345.6  | 354.1  | 357.5  | 357.5  |
| 63°   | 333.7  | 327.0  | 318.5  | 321.9  | 321.9  | 325.3  | 332.1  | 338.8  | 349.0  | 352.4  | 350.7  |
| 65°   | 320.2  | 318.5  | 310.0  | 310.0  | 306.6  | 310.0  | 315.1  | 321.9  | 327.0  | 332.1  | 332.1  |
| 67.5° | 298.2  | 296.5  | 294.8  | 294.8  | 294.8  | 298.2  | 301.6  | 306.6  | 311.7  | 315.1  | 313.4  |
| 70°   | 272.8  | 272.8  | 272.8  | 274.5  | 274.5  | 277.8  | 279.5  | 277.8  | 282.9  | 286.3  | 284.6  |
| 72.5° | 250.7  | 249.0  | 247.3  | 250.7  | 249.0  | 249.0  | 252.4  | 250.7  | 255.8  | 255.8  | 257.5  |
| 75°   | 227.0  | 225.3  | 225.3  | 227.0  | 223.6  | 220.2  | 221.9  | 221.9  | 223.6  | 223.6  | 227.0  |
| 77.5° | 206.7  | 206.7  | 206.7  | 205.0  | 201.6  | 199.9  | 198.2  | 198.2  | 198.2  | 198.2  | 199.9  |
| 80°   | 188.1  | 188.1  | 188.1  | 186.4  | 183.0  | 179.6  | 176.2  | 174.5  | 172.8  | 164.3  | 164.3  |
| 82.5° | 169.4  | 169.4  | 169.4  | 169.4  | 167.7  | 164.3  | 159.3  | 145.7  | 138.9  | 132.1  | 133.8  |
| 85°   | 133.8  | 137.2  | 140.6  | 145.7  | 144.0  | 144.0  | 133.8  | 116.9  | 106.7  | 100.0  | 101.6  |
| 87.5° | 86.4   | 76.2   | 76.2   | 74.5   | 71.2   | 67.8   | 67.8   | 57.6   | 47.4   | 42.4   | 44.0   |
| 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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CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |       |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0°    | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 0°    |
| 2.5°  | 1780.6 | 1777.2 | 1773.8 | 1773.8 | 1768.7 | 1768.7 | 1765.3 | 1772.1 | 1765.3 | 1760.2 | 1760.2 | 2.5°  |
| 5°    | 1767.0 | 1763.6 | 1753.4 | 1751.8 | 1745.0 | 1745.0 | 1745.0 | 1741.6 | 1741.6 | 1738.2 | 1736.5 | 5°    |
| 7.5°  | 1758.5 | 1750.1 | 1741.6 | 1736.5 | 1736.5 | 1733.1 | 1739.9 | 1736.5 | 1738.2 | 1738.2 | 1739.9 | 7.5°  |
| 10°   | 1751.8 | 1745.0 | 1741.6 | 1739.9 | 1739.9 | 1745.0 | 1750.1 | 1751.8 | 1750.1 | 1751.8 | 1751.8 | 10°   |
| 12.5° | 1734.8 | 1738.2 | 1739.9 | 1746.7 | 1755.1 | 1765.3 | 1777.2 | 1778.9 | 1782.2 | 1782.2 | 1785.6 | 12.5° |
| 15°   | 1680.6 | 1689.1 | 1699.2 | 1716.2 | 1738.2 | 1760.2 | 1782.2 | 1800.9 | 1817.8 | 1826.3 | 1833.1 | 15°   |
| 17.5° | 1604.4 | 1612.8 | 1631.5 | 1650.1 | 1678.9 | 1711.1 | 1748.4 | 1780.6 | 1816.1 | 1848.3 | 1880.5 | 17.5° |
| 20°   | 1501.0 | 1514.6 | 1519.7 | 1553.5 | 1587.4 | 1631.5 | 1675.5 | 1726.3 | 1787.3 | 1848.3 | 1911.0 | 20°   |
| 22.5° | 1367.2 | 1382.4 | 1406.1 | 1433.3 | 1468.8 | 1523.0 | 1575.6 | 1655.2 | 1736.5 | 1822.9 | 1921.2 | 22.5° |
| 25°   | 1218.1 | 1235.0 | 1255.4 | 1284.2 | 1319.7 | 1377.3 | 1453.6 | 1538.3 | 1638.2 | 1751.8 | 1873.7 | 25°   |
| 27.5° | 1063.9 | 1080.9 | 1097.8 | 1118.1 | 1158.8 | 1219.8 | 1309.6 | 1397.7 | 1507.8 | 1631.5 | 1773.8 | 27.5° |
| 30°   | 909.8  | 911.5  | 921.6  | 947.0  | 989.4  | 1069.0 | 1135.1 | 1245.2 | 1360.4 | 1490.9 | 1655.2 | 30°   |
| 32.5° | 740.3  | 738.6  | 750.5  | 772.5  | 813.2  | 889.4  | 970.7  | 1077.5 | 1191.0 | 1355.3 | 1524.7 | 32.5° |
| 35°   | 589.6  | 589.6  | 611.6  | 633.6  | 679.4  | 733.6  | 804.7  | 899.6  | 1033.4 | 1185.9 | 1355.3 | 35°   |
| 37.5° | 509.9  | 521.8  | 535.4  | 557.4  | 593.0  | 635.3  | 698.0  | 781.0  | 886.0  | 1031.7 | 1187.6 | 37.5° |
| 40°   | 484.5  | 491.3  | 503.2  | 523.5  | 554.0  | 593.0  | 638.7  | 701.4  | 782.7  | 899.6  | 1041.9 | 40°   |
| 42.5° | 474.4  | 476.1  | 482.8  | 498.1  | 525.2  | 564.2  | 611.6  | 667.5  | 728.5  | 811.5  | 935.2  | 42.5° |
| 45°   | 464.2  | 462.5  | 465.9  | 477.8  | 499.8  | 543.8  | 598.0  | 659.0  | 720.0  | 789.5  | 891.1  | 45°   |
| 47.5° | 455.7  | 455.7  | 455.7  | 460.8  | 481.1  | 525.2  | 587.9  | 659.0  | 731.9  | 809.8  | 909.8  | 47.5° |
| 50°   | 432.0  | 430.3  | 430.3  | 433.7  | 449.0  | 496.4  | 570.9  | 657.3  | 752.2  | 853.9  | 967.4  | 50°   |
| 52.5° | 404.9  | 404.9  | 406.6  | 408.3  | 421.8  | 469.3  | 552.3  | 657.3  | 775.9  | 911.5  | 1053.8 | 52.5° |
| 55°   | 396.4  | 398.1  | 399.8  | 398.1  | 408.3  | 449.0  | 532.0  | 647.2  | 786.1  | 957.2  | 1146.9 | 55°   |
| 57.5° | 389.7  | 393.0  | 393.0  | 391.3  | 398.1  | 432.0  | 511.6  | 626.8  | 777.6  | 974.1  | 1213.0 | 57.5° |
| 60°   | 379.5  | 379.5  | 379.5  | 374.4  | 377.8  | 408.3  | 481.1  | 594.6  | 750.5  | 958.9  | 1223.2 | 60°   |
| 62.5° | 357.5  | 357.5  | 354.1  | 352.4  | 350.7  | 374.4  | 440.5  | 547.2  | 701.4  | 918.2  | 1197.8 | 62.5° |
| 63°   | 352.4  | 350.7  | 350.7  | 345.6  | 345.6  | 367.6  | 432.0  | 540.4  | 687.8  | 908.1  | 1187.6 | 63°   |
| 65°   | 333.7  | 333.7  | 333.7  | 330.4  | 328.7  | 345.6  | 398.1  | 493.0  | 635.3  | 860.6  | 1136.8 | 65°   |
| 67.5° | 313.4  | 315.1  | 311.7  | 310.0  | 308.3  | 318.5  | 359.2  | 433.7  | 554.0  | 760.7  | 1041.9 | 67.5° |
| 70°   | 284.6  | 286.3  | 286.3  | 284.6  | 282.9  | 289.7  | 315.1  | 372.7  | 459.1  | 633.6  | 887.7  | 70°   |
| 72.5° | 259.2  | 262.6  | 262.6  | 266.0  | 266.0  | 271.1  | 281.2  | 310.0  | 367.6  | 494.7  | 698.0  | 72.5° |
| 75°   | 232.1  | 233.8  | 237.2  | 240.6  | 237.2  | 235.5  | 237.2  | 259.2  | 288.0  | 365.9  | 498.1  | 75°   |
| 77.5° | 208.4  | 213.5  | 213.5  | 211.8  | 206.7  | 203.3  | 203.3  | 213.5  | 237.2  | 277.8  | 355.8  | 77.5° |
| 80°   | 172.8  | 181.3  | 183.0  | 177.9  | 172.8  | 172.8  | 176.2  | 183.0  | 198.2  | 228.7  | 269.4  | 80°   |
| 82.5° | 138.9  | 147.4  | 149.1  | 150.8  | 149.1  | 154.2  | 154.2  | 155.9  | 164.3  | 188.1  | 220.2  | 82.5° |
| 85°   | 106.7  | 113.5  | 118.6  | 120.3  | 122.0  | 123.7  | 122.0  | 113.5  | 118.6  | 133.8  | 149.1  | 85°   |
| 87.5° | 47.4   | 49.1   | 45.7   | 47.4   | 45.7   | 47.4   | 49.1   | 40.7   | 39.0   | 52.5   | 54.2   | 87.5° |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 90°   |

NUMBER: P152706

NUMBER: VXM-F06-LED-E1-SLL-7050

**DISTRIBUTION (continued):**

| 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|
| 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 | 1777.2 |
| 1758.5 | 1758.5 | 1760.2 | 1756.8 | 1756.8 | 1758.5 | 1753.4 |
| 1731.4 | 1738.2 | 1738.2 | 1738.2 | 1734.8 | 1738.2 | 1739.9 |
| 1738.2 | 1743.3 | 1746.7 | 1746.7 | 1745.0 | 1751.8 | 1756.8 |
| 1746.7 | 1755.1 | 1758.5 | 1758.5 | 1758.5 | 1767.0 | 1778.9 |
| 1778.9 | 1785.6 | 1790.7 | 1790.7 | 1794.1 | 1804.3 | 1817.8 |
| 1838.2 | 1846.6 | 1846.6 | 1844.9 | 1855.1 | 1867.0 | 1882.2 |
| 1904.2 | 1927.9 | 1939.8 | 1938.1 | 1946.6 | 1961.8 | 1978.8 |
| 1966.9 | 2033.0 | 2061.8 | 2082.1 | 2090.6 | 2110.9 | 2116.0 |
| 2019.4 | 2129.5 | 2209.2 | 2276.9 | 2309.1 | 2329.5 | 2353.2 |
| 2000.8 | 2149.9 | 2292.2 | 2431.1 | 2529.4 | 2629.3 | 2671.7 |
| 1924.6 | 2110.9 | 2297.3 | 2500.6 | 2678.5 | 2856.3 | 2985.1 |
| 1831.4 | 2055.0 | 2305.7 | 2593.7 | 2875.0 | 3147.7 | 3364.6 |
| 1724.6 | 2002.5 | 2324.4 | 2680.1 | 3049.5 | 3406.9 | 3720.4 |
| 1590.8 | 1902.5 | 2278.6 | 2688.6 | 3124.0 | 3557.7 | 3964.3 |
| 1421.4 | 1767.0 | 2171.9 | 2627.6 | 3127.4 | 3623.8 | 4110.0 |
| 1252.0 | 1595.9 | 2036.4 | 2539.5 | 3083.4 | 3639.0 | 4201.5 |
| 1133.4 | 1443.4 | 1899.1 | 2427.7 | 3012.2 | 3615.3 | 4245.5 |
| 1052.1 | 1333.3 | 1777.2 | 2326.1 | 2936.0 | 3573.0 | 4252.3 |
| 1045.3 | 1285.9 | 1697.5 | 2251.5 | 2875.0 | 3535.7 | 4252.3 |
| 1102.9 | 1311.3 | 1670.4 | 2214.3 | 2849.6 | 3523.8 | 4255.7 |
| 1211.3 | 1412.9 | 1719.6 | 2243.1 | 2869.9 | 3539.1 | 4271.0 |
| 1341.8 | 1567.1 | 1851.7 | 2343.0 | 2956.3 | 3589.9 | 4304.8 |
| 1460.4 | 1745.0 | 2077.0 | 2536.1 | 3113.8 | 3718.7 | 4399.7 |
| 1529.8 | 1897.4 | 2315.9 | 2807.2 | 3383.2 | 3974.5 | 4589.5 |
| 1538.3 | 1982.2 | 2527.7 | 3102.0 | 3710.2 | 4267.6 | 4892.7 |
| 1531.5 | 1988.9 | 2554.8 | 3157.9 | 3779.7 | 4340.4 | 4997.7 |
| 1494.2 | 1990.6 | 2631.0 | 3354.4 | 4020.2 | 4647.1 | 5290.8 |
| 1399.4 | 1936.4 | 2658.1 | 3508.6 | 4323.5 | 5050.3 | 5838.0 |
| 1235.0 | 1782.2 | 2578.5 | 3512.0 | 4440.4 | 5275.6 | 6183.7 |
| 992.8  | 1489.2 | 2234.6 | 3195.2 | 4132.0 | 5053.7 | 6093.9 |
| 726.8  | 1094.4 | 1689.1 | 2475.2 | 3371.4 | 4206.6 | 5219.7 |
| 482.8  | 708.2  | 1138.5 | 1763.6 | 2417.6 | 3027.4 | 3757.6 |
| 332.1  | 438.8  | 665.8  | 1060.5 | 1479.0 | 1775.5 | 2393.8 |
| 244.0  | 289.7  | 369.3  | 542.1  | 711.5  | 875.9  | 1250.3 |
| 152.5  | 166.0  | 184.7  | 267.7  | 382.9  | 516.7  | 779.3  |
| 40.7   | 42.4   | 39.0   | 52.5   | 83.0   | 79.6   | 88.1   |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)