

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: P152702

Luminaire Tested: **VXM-E06-LED-E1-SLL-7060**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P152702  
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-E06-LED-E1-SLL-7060  
Description: VISION SITE MEDIUM LED LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (126) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 17130.5 lumens  
Efficiency: N/A  
Efficacy: 113.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B2 - U0 - G4

Input Watts (W): 150.5  
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



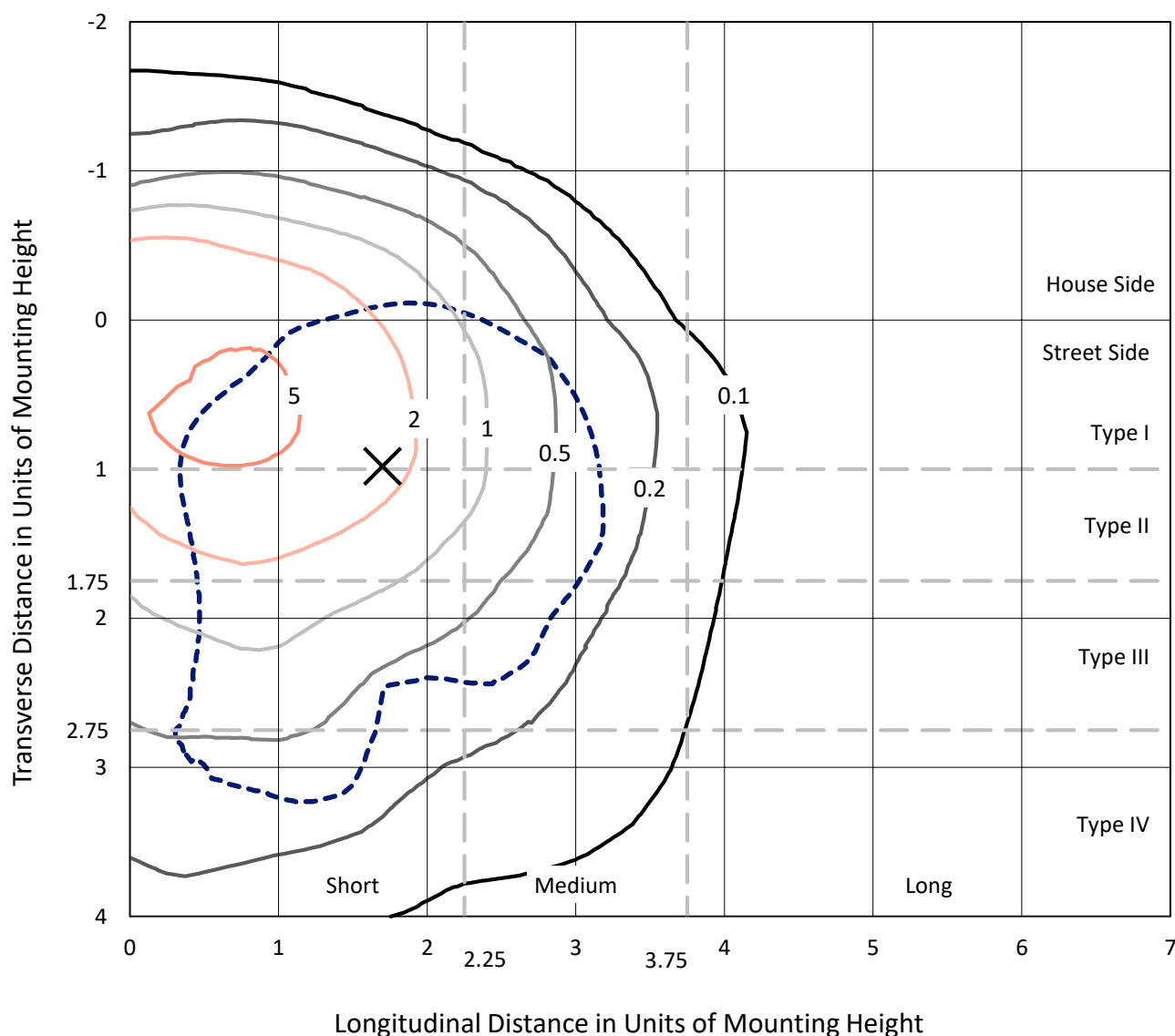
REPORT NUMBER: P152702

CATALOG NUMBER: VXM-E06-LED-E1-SLL-7060

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

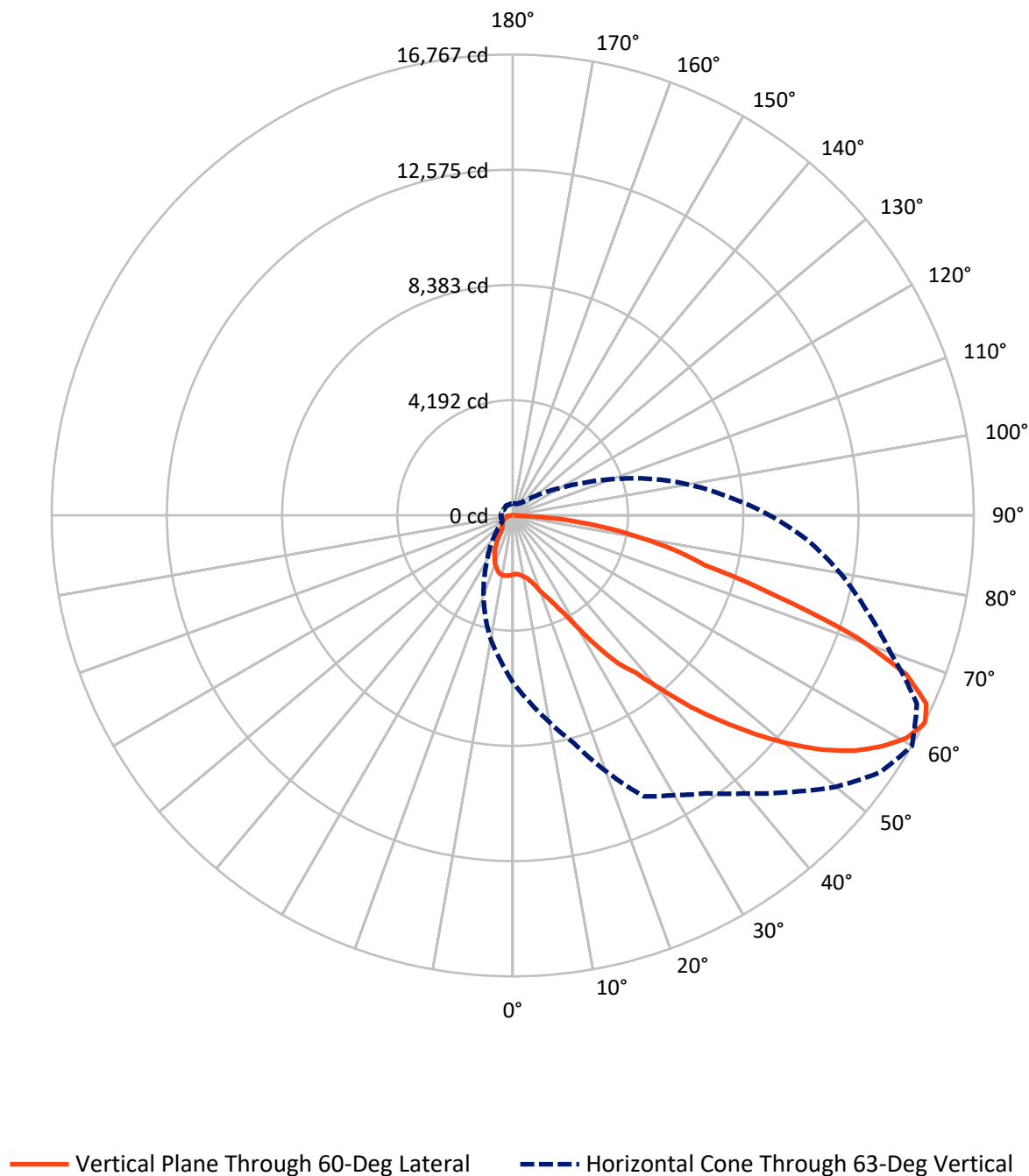


Based on 25 foot mounting height. Maximum calculated value = 6.8 fc  
 Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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CATALOG NUMBER: VXM-E06-LED-E1-SLL-7060

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3714.7   | 0.0    | 3714.7  |
|                    | % Fixture | 21.7     | 0.0    | 21.7    |
| <b>Street Side</b> | Lumens    | 13415.9  | 0.0    | 13415.9 |
|                    | % Fixture | 78.3     | 0.0    | 78.3    |
| <b>Total</b>       | Lumens    | 17130.5  | 0.0    | 17130.5 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 209.6   | 1.2       |
| 10°-20°   | 652.7   | 3.8       |
| 20°-30°   | 1159.5  | 6.8       |
| 30°-40°   | 1825.9  | 10.7      |
| 40°-50°   | 2687.1  | 15.7      |
| 50°-60°   | 3569.3  | 20.8      |
| 60°-70°   | 3931.6  | 23.0      |
| 70°-80°   | 2466.7  | 14.4      |
| 80°-90°   | 628.2   | 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°    | 17130.5 | 100.0     |
| 0°-180°   | 17130.5 | 100.0     |

**Coefficient of Utilization**



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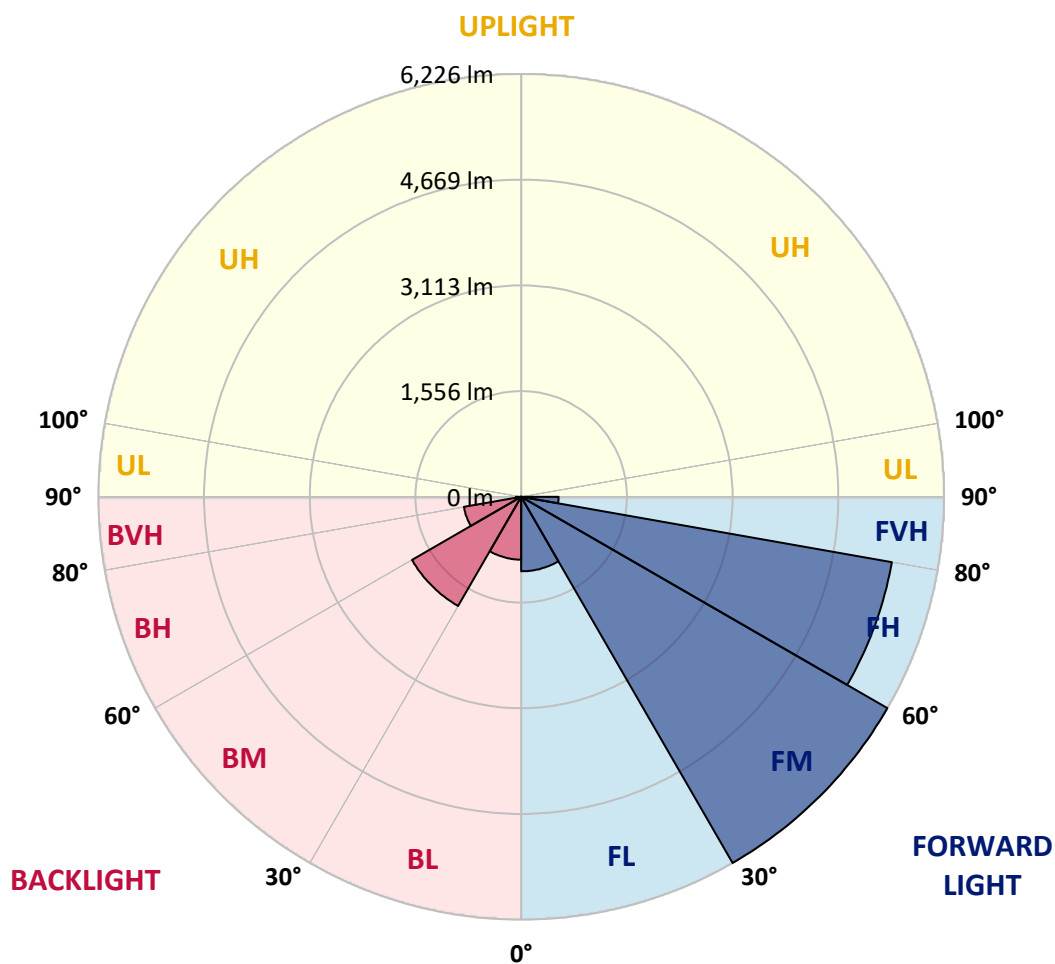
CATALOG NUMBER: VXM-E06-LED-E1-SLL-7060

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1096.9 | 6.4       |                         |      |         |
| FM   | (30°-60°)   | 6225.6 | 36.3      |                         |      |         |
| FH   | (60°-80°)   | 5542.0 | 32.4      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 551.3  | 3.2       |                         |      | G4/750  |
| BL   | (0°-30°)    | 924.8  | 5.4       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1856.7 | 10.8      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 856.3  | 5.0       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 76.9   | 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-G4**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°     | 25°     | 30°     | 35°     | 40°     | 45°     | 50°     |
|-------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8  | 2152.8  | 2152.8  | 2152.8  | 2152.8  | 2152.8  | 2152.8  |
| 2.5°  | 2124.0 | 2128.1 | 2128.1 | 2126.1 | 2126.1  | 2130.2  | 2128.1  | 2126.1  | 2119.9  | 2128.1  | 2128.1  |
| 5°    | 2107.6 | 2111.7 | 2111.7 | 2115.8 | 2119.9  | 2124.0  | 2124.0  | 2128.1  | 2126.1  | 2134.3  | 2140.5  |
| 7.5°  | 2128.1 | 2132.2 | 2140.5 | 2150.7 | 2156.9  | 2171.2  | 2171.2  | 2181.5  | 2185.6  | 2191.8  | 2189.7  |
| 10°   | 2154.8 | 2165.1 | 2183.6 | 2200.0 | 2212.3  | 2228.7  | 2241.0  | 2255.4  | 2255.4  | 2261.5  | 2265.6  |
| 12.5° | 2202.0 | 2212.3 | 2232.8 | 2253.3 | 2271.8  | 2292.3  | 2310.8  | 2325.2  | 2339.5  | 2343.6  | 2351.8  |
| 15°   | 2280.0 | 2292.3 | 2323.1 | 2351.8 | 2374.4  | 2401.1  | 2425.7  | 2454.4  | 2481.1  | 2487.3  | 2491.4  |
| 17.5° | 2397.0 | 2421.6 | 2444.2 | 2495.5 | 2528.3  | 2563.2  | 2602.2  | 2643.2  | 2651.5  | 2694.6  | 2704.8  |
| 20°   | 2563.2 | 2594.0 | 2614.5 | 2678.1 | 2733.5  | 2778.7  | 2836.2  | 2883.4  | 2901.8  | 2942.9  | 2983.9  |
| 22.5° | 2850.5 | 2844.4 | 2875.1 | 2938.8 | 2979.8  | 3070.1  | 3119.4  | 3168.6  | 3193.2  | 3254.8  | 3287.6  |
| 25°   | 3236.3 | 3269.2 | 3336.9 | 3343.1 | 3382.0  | 3486.7  | 3550.3  | 3599.6  | 3601.6  | 3620.1  | 3655.0  |
| 27.5° | 3616.0 | 3751.4 | 3858.2 | 3915.6 | 4020.3  | 4116.7  | 4112.6  | 4182.4  | 4073.6  | 4096.2  | 4129.0  |
| 30°   | 4075.7 | 4301.4 | 4502.6 | 4638.0 | 4744.7  | 4857.6  | 4913.0  | 4952.0  | 4904.8  | 4884.3  | 4845.3  |
| 32.5° | 4506.7 | 4822.7 | 5132.6 | 5372.7 | 5571.8  | 5758.5  | 5881.6  | 5937.0  | 6002.7  | 6168.9  | 6228.5  |
| 35°   | 4802.2 | 5249.6 | 5635.4 | 5982.2 | 6314.7  | 6612.2  | 6827.7  | 6950.8  | 6903.6  | 6881.1  | 6868.7  |
| 37.5° | 4978.7 | 5524.6 | 6006.8 | 6497.3 | 6879.0  | 7324.3  | 7658.9  | 7983.1  | 8057.0  | 7927.7  | 7864.1  |
| 40°   | 5089.5 | 5735.9 | 6355.7 | 6934.4 | 7429.0  | 8003.6  | 8418.2  | 8904.5  | 9273.9  | 9323.2  | 9171.3  |
| 42.5° | 5142.8 | 5877.5 | 6599.9 | 7254.6 | 7923.6  | 8627.5  | 9152.9  | 9741.8  | 10293.9 | 10673.5 | 10579.1 |
| 45°   | 5151.0 | 5969.9 | 6778.5 | 7543.9 | 8340.2  | 9175.4  | 9852.7  | 10505.3 | 11244.1 | 11894.6 | 11913.1 |
| 47.5° | 5151.0 | 6039.7 | 6901.6 | 7753.3 | 8713.7  | 9651.5  | 10390.3 | 11162.0 | 12067.0 | 12836.6 | 13072.6 |
| 50°   | 5155.2 | 6086.9 | 7016.5 | 7917.4 | 8998.9  | 10053.8 | 10889.0 | 11800.2 | 12752.4 | 13589.7 | 14045.3 |
| 52.5° | 5173.6 | 6121.7 | 7106.8 | 8034.4 | 9183.6  | 10337.0 | 11276.9 | 12327.6 | 13275.8 | 14135.6 | 14724.6 |
| 55°   | 5214.7 | 6171.0 | 7172.5 | 8106.2 | 9306.8  | 10521.7 | 11558.1 | 12688.8 | 13614.4 | 14486.6 | 15309.5 |
| 57.5° | 5329.6 | 6257.2 | 7252.5 | 8169.9 | 9374.5  | 10642.8 | 11755.1 | 12844.8 | 13743.7 | 14652.8 | 15619.4 |
| 60°   | 5559.4 | 6439.8 | 7390.0 | 8297.1 | 9487.4  | 10866.5 | 11849.5 | 12740.1 | 13649.3 | 14603.5 | 15689.2 |
| 62.5° | 5926.8 | 6725.1 | 7580.9 | 8512.6 | 9809.6  | 11213.3 | 11777.6 | 12428.2 | 13277.8 | 14318.3 | 15440.8 |
| 63°   | 6054.0 | 6786.7 | 7624.0 | 8559.8 | 9897.8  | 11276.9 | 11746.9 | 12335.8 | 13201.9 | 14228.0 | 15352.6 |
| 65°   | 6409.1 | 7059.6 | 7829.2 | 8797.8 | 10261.1 | 11340.5 | 11506.7 | 11855.6 | 12676.5 | 13712.9 | 14831.3 |
| 67.5° | 7071.9 | 7722.5 | 8270.4 | 9200.1 | 10566.8 | 11090.1 | 10761.8 | 10804.9 | 11662.7 | 12736.0 | 13741.6 |
| 70°   | 7490.6 | 8266.3 | 8551.6 | 9251.4 | 10511.4 | 10718.7 | 9797.3  | 9226.7  | 9914.2  | 11137.3 | 12017.7 |
| 72.5° | 7381.8 | 8272.5 | 8241.7 | 8568.0 | 9403.2  | 9596.1  | 8641.9  | 7743.0  | 8151.4  | 9064.6  | 9635.1  |
| 75°   | 6322.9 | 7388.0 | 7162.2 | 7096.5 | 7390.0  | 7517.2  | 6801.0  | 6663.5  | 7178.6  | 7685.5  | 7693.7  |
| 77.5° | 4551.8 | 5723.6 | 5458.9 | 5079.2 | 5058.7  | 5352.2  | 5448.6  | 6349.5  | 7110.9  | 7511.1  | 7334.6  |
| 80°   | 2899.8 | 4170.1 | 3895.1 | 3232.2 | 3222.0  | 3603.7  | 4451.2  | 5676.4  | 6482.9  | 6706.6  | 6246.9  |
| 82.5° | 1514.5 | 2729.4 | 2834.1 | 2425.7 | 2776.6  | 3408.7  | 4235.8  | 4574.4  | 4880.2  | 4910.9  | 4369.2  |
| 85°   | 944.0  | 1678.7 | 1974.2 | 2037.8 | 2507.8  | 3022.9  | 3016.8  | 2897.7  | 2762.3  | 2364.1  | 2138.4  |
| 87.5° | 106.7  | 211.4  | 320.1  | 303.7  | 408.4   | 572.6   | 714.2   | 418.7   | 293.5   | 106.7   | 147.8   |
| 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°    | 2152.8  | 2152.8  | 2152.8  | 2152.8  | 2152.8  | 2152.8  | 2152.8  | 2152.8 | 2152.8 | 2152.8 | 2152.8 |
| 2.5°  | 2132.2  | 2134.3  | 2136.4  | 2136.4  | 2146.6  | 2144.6  | 2146.6  | 2150.7 | 2156.9 | 2161.0 | 2165.1 |
| 5°    | 2148.7  | 2148.7  | 2156.9  | 2163.0  | 2175.3  | 2183.6  | 2187.7  | 2200.0 | 2214.3 | 2210.2 | 2222.5 |
| 7.5°  | 2202.0  | 2200.0  | 2208.2  | 2212.3  | 2222.5  | 2236.9  | 2234.9  | 2245.1 | 2257.4 | 2261.5 | 2271.8 |
| 10°   | 2273.8  | 2267.7  | 2267.7  | 2263.6  | 2265.6  | 2261.5  | 2261.5  | 2261.5 | 2269.7 | 2267.7 | 2275.9 |
| 12.5° | 2347.7  | 2345.7  | 2341.6  | 2329.3  | 2329.3  | 2312.8  | 2304.6  | 2294.4 | 2292.3 | 2278.0 | 2280.0 |
| 15°   | 2499.6  | 2499.6  | 2491.4  | 2466.8  | 2446.2  | 2431.9  | 2411.3  | 2397.0 | 2376.5 | 2349.8 | 2335.4 |
| 17.5° | 2721.2  | 2692.5  | 2682.2  | 2678.1  | 2645.3  | 2633.0  | 2587.8  | 2540.6 | 2518.1 | 2481.1 | 2460.6 |
| 20°   | 2992.1  | 2986.0  | 2944.9  | 2924.4  | 2883.4  | 2825.9  | 2768.4  | 2706.9 | 2669.9 | 2624.8 | 2600.2 |
| 22.5° | 3297.9  | 3252.8  | 3232.2  | 3201.4  | 3137.8  | 3072.2  | 2986.0  | 2903.9 | 2846.4 | 2815.6 | 2797.2 |
| 25°   | 3655.0  | 3609.8  | 3589.3  | 3548.3  | 3470.3  | 3400.5  | 3293.8  | 3197.3 | 3146.0 | 3094.7 | 3066.0 |
| 27.5° | 4129.0  | 4086.0  | 4061.3  | 3954.6  | 3927.9  | 3813.0  | 3681.7  | 3550.3 | 3482.6 | 3406.7 | 3357.4 |
| 30°   | 4837.1  | 4839.1  | 4711.9  | 4582.6  | 4449.2  | 4250.1  | 4112.6  | 3964.9 | 3854.1 | 3745.3 | 3636.5 |
| 32.5° | 6033.5  | 5727.7  | 5491.7  | 5214.7  | 4925.3  | 4713.9  | 4543.6  | 4367.1 | 4213.2 | 4055.2 | 3874.6 |
| 35°   | 6764.1  | 6616.3  | 6310.5  | 5803.7  | 5512.2  | 5255.7  | 5066.9  | 4853.5 | 4664.7 | 4385.6 | 4110.6 |
| 37.5° | 7589.1  | 7246.4  | 6874.9  | 6593.8  | 6263.3  | 5965.8  | 5649.7  | 5407.6 | 5081.3 | 4705.7 | 4315.8 |
| 40°   | 8793.7  | 8303.2  | 7855.9  | 7478.3  | 7051.4  | 6739.5  | 6386.5  | 6035.6 | 5602.5 | 5058.7 | 4523.1 |
| 42.5° | 10051.7 | 9544.8  | 8953.8  | 8463.3  | 7960.5  | 7595.2  | 7158.1  | 6665.6 | 6029.4 | 5356.3 | 4701.6 |
| 45°   | 11371.3 | 10694.1 | 9986.1  | 9386.8  | 8863.5  | 8410.0  | 7868.2  | 7215.6 | 6439.8 | 5623.1 | 4867.8 |
| 47.5° | 12672.4 | 11894.6 | 11051.2 | 10406.8 | 9725.4  | 9171.3  | 8506.4  | 7681.4 | 6760.0 | 5875.5 | 5034.1 |
| 50°   | 13819.6 | 13070.5 | 12054.7 | 11235.9 | 10546.3 | 9862.9  | 9033.8  | 8040.6 | 7012.4 | 6093.0 | 5183.9 |
| 52.5° | 14808.8 | 14164.4 | 13095.2 | 12060.8 | 11266.6 | 10499.1 | 9458.6  | 8329.9 | 7266.9 | 6294.1 | 5307.0 |
| 55°   | 15535.2 | 15106.3 | 14121.3 | 12838.6 | 11900.8 | 10985.5 | 9817.8  | 8609.0 | 7507.0 | 6454.2 | 5387.1 |
| 57.5° | 16083.2 | 15845.1 | 14999.6 | 13571.3 | 12483.6 | 11457.5 | 10189.2 | 8943.5 | 7745.0 | 6591.7 | 5424.0 |
| 60°   | 16382.8 | 16448.5 | 15664.5 | 14211.6 | 12998.7 | 11851.5 | 10560.7 | 9228.8 | 7921.5 | 6671.7 | 5403.5 |
| 62.5° | 16354.1 | 16756.3 | 16163.2 | 14605.6 | 13298.3 | 12085.5 | 10811.0 | 9362.2 | 7896.9 | 6544.5 | 5216.7 |
| 63°   | 16298.7 | 16766.6 | 16218.6 | 14632.3 | 13316.8 | 12093.7 | 10817.2 | 9343.7 | 7845.6 | 6482.9 | 5142.8 |
| 65°   | 15820.5 | 16530.6 | 16171.4 | 14511.2 | 13152.6 | 11939.8 | 10687.9 | 9076.9 | 7484.4 | 6152.5 | 4763.2 |
| 67.5° | 14539.9 | 15428.5 | 15325.9 | 13655.4 | 12374.8 | 11303.6 | 10027.1 | 8217.1 | 6591.7 | 5339.9 | 4036.7 |
| 70°   | 12424.1 | 13259.3 | 13277.8 | 11876.1 | 10806.9 | 9756.2  | 8695.2  | 6686.1 | 5224.9 | 4139.3 | 3010.6 |
| 72.5° | 9522.3  | 10059.9 | 10246.7 | 9323.2  | 8607.0  | 7868.2  | 6916.0  | 4853.5 | 3724.8 | 2815.6 | 1959.9 |
| 75°   | 7373.6  | 7225.8  | 7223.8  | 6833.9  | 6542.4  | 6181.3  | 5134.6  | 3275.3 | 2446.2 | 1830.6 | 1198.5 |
| 77.5° | 6628.6  | 5971.9  | 5335.7  | 4867.8  | 4633.9  | 4512.8  | 3367.7  | 1974.2 | 1442.7 | 1052.8 | 689.5  |
| 80°   | 5467.1  | 4498.4  | 3634.5  | 3129.6  | 2928.5  | 3068.1  | 1877.8  | 1067.1 | 790.1  | 599.2  | 447.4  |
| 82.5° | 3769.9  | 3129.6  | 2378.5  | 1970.1  | 1691.0  | 1769.0  | 960.4   | 545.9  | 365.3  | 334.5  | 277.0  |
| 85°   | 1964.0  | 1721.8  | 1453.0  | 1247.7  | 1102.0  | 968.6   | 498.7   | 260.6  | 151.9  | 133.4  | 121.1  |
| 87.5° | 0.0     | 2.1     | 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°    | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 |
| 2.5°  | 2171.2 | 2169.2 | 2173.3 | 2175.3 | 2181.5 | 2185.6 | 2187.7 | 2183.6 | 2189.7 | 2195.9 | 2191.8 |
| 5°    | 2228.7 | 2243.1 | 2245.1 | 2251.3 | 2251.3 | 2263.6 | 2263.6 | 2263.6 | 2261.5 | 2263.6 | 2259.5 |
| 7.5°  | 2278.0 | 2296.4 | 2298.5 | 2306.7 | 2308.7 | 2323.1 | 2316.9 | 2321.1 | 2321.1 | 2310.8 | 2306.7 |
| 10°   | 2284.1 | 2302.6 | 2312.8 | 2323.1 | 2337.5 | 2355.9 | 2355.9 | 2366.2 | 2366.2 | 2358.0 | 2355.9 |
| 12.5° | 2286.2 | 2300.5 | 2310.8 | 2325.2 | 2345.7 | 2372.4 | 2386.7 | 2401.1 | 2407.2 | 2405.2 | 2399.0 |
| 15°   | 2329.3 | 2329.3 | 2331.3 | 2343.6 | 2358.0 | 2390.8 | 2411.3 | 2427.8 | 2438.0 | 2433.9 | 2423.7 |
| 17.5° | 2442.1 | 2425.7 | 2413.4 | 2392.9 | 2397.0 | 2413.4 | 2425.7 | 2440.1 | 2442.1 | 2438.0 | 2421.6 |
| 20°   | 2573.5 | 2553.0 | 2522.2 | 2489.3 | 2472.9 | 2460.6 | 2452.4 | 2452.4 | 2446.2 | 2425.7 | 2399.0 |
| 22.5° | 2760.2 | 2733.5 | 2690.4 | 2641.2 | 2608.4 | 2569.4 | 2522.2 | 2477.0 | 2427.8 | 2378.5 | 2321.1 |
| 25°   | 3018.8 | 2981.9 | 2936.7 | 2860.8 | 2791.0 | 2708.9 | 2612.5 | 2511.9 | 2394.9 | 2292.3 | 2208.2 |
| 27.5° | 3279.4 | 3197.3 | 3080.4 | 2975.7 | 2846.4 | 2723.3 | 2585.8 | 2462.7 | 2312.8 | 2189.7 | 2097.4 |
| 30°   | 3494.9 | 3338.9 | 3170.7 | 3004.4 | 2834.1 | 2667.9 | 2503.7 | 2355.9 | 2191.8 | 2066.6 | 1976.3 |
| 32.5° | 3661.1 | 3445.7 | 3211.7 | 2994.2 | 2784.9 | 2581.7 | 2392.9 | 2228.7 | 2062.5 | 1933.2 | 1836.7 |
| 35°   | 3815.1 | 3515.4 | 3217.9 | 2949.0 | 2690.4 | 2479.1 | 2265.6 | 2087.1 | 1910.6 | 1775.2 | 1670.5 |
| 37.5° | 3930.0 | 3548.3 | 3180.9 | 2864.9 | 2567.3 | 2331.3 | 2113.8 | 1931.1 | 1750.5 | 1602.8 | 1483.7 |
| 40°   | 4003.9 | 3527.8 | 3100.9 | 2743.8 | 2421.6 | 2173.3 | 1951.7 | 1762.8 | 1588.4 | 1426.3 | 1282.6 |
| 42.5° | 4063.4 | 3501.1 | 3020.9 | 2633.0 | 2306.7 | 2035.8 | 1808.0 | 1604.8 | 1428.3 | 1251.8 | 1093.8 |
| 45°   | 4151.6 | 3521.6 | 2986.0 | 2555.0 | 2204.1 | 1918.8 | 1668.4 | 1457.1 | 1272.4 | 1100.0 | 948.1  |
| 47.5° | 4237.8 | 3531.9 | 2934.7 | 2458.5 | 2074.8 | 1797.7 | 1543.3 | 1338.0 | 1149.2 | 991.2  | 851.7  |
| 50°   | 4315.8 | 3525.7 | 2854.6 | 2335.4 | 1949.6 | 1676.7 | 1430.4 | 1225.2 | 1038.4 | 892.7  | 761.4  |
| 52.5° | 4352.7 | 3490.8 | 2756.1 | 2216.4 | 1849.0 | 1569.9 | 1319.6 | 1120.5 | 935.8  | 798.3  | 677.2  |
| 55°   | 4348.6 | 3400.5 | 2626.8 | 2103.5 | 1738.2 | 1457.1 | 1210.8 | 1013.8 | 847.6  | 720.3  | 615.7  |
| 57.5° | 4287.1 | 3261.0 | 2489.3 | 1978.3 | 1592.5 | 1317.5 | 1083.6 | 892.7  | 753.2  | 646.4  | 558.2  |
| 60°   | 4157.8 | 3082.4 | 2308.7 | 1795.7 | 1409.9 | 1145.1 | 925.5  | 761.4  | 648.5  | 566.4  | 508.9  |
| 62.5° | 3915.6 | 2825.9 | 2083.0 | 1541.2 | 1163.6 | 921.4  | 730.6  | 623.9  | 539.7  | 490.5  | 463.8  |
| 63°   | 3843.8 | 2756.1 | 1986.5 | 1479.6 | 1106.1 | 870.1  | 689.5  | 578.7  | 517.2  | 474.1  | 449.4  |
| 65°   | 3486.7 | 2413.4 | 1662.3 | 1194.4 | 859.9  | 671.1  | 554.1  | 470.0  | 433.0  | 414.5  | 412.5  |
| 67.5° | 2823.8 | 1898.3 | 1175.9 | 818.8  | 584.9  | 484.3  | 424.8  | 389.9  | 373.5  | 369.4  | 373.5  |
| 70°   | 1982.4 | 1198.5 | 747.0  | 543.8  | 433.0  | 389.9  | 363.2  | 348.9  | 338.6  | 340.7  | 344.8  |
| 72.5° | 1264.2 | 718.3  | 513.1  | 412.5  | 365.3  | 342.7  | 330.4  | 326.3  | 324.2  | 322.2  | 322.2  |
| 75°   | 720.3  | 478.2  | 394.0  | 357.1  | 332.5  | 314.0  | 303.7  | 299.6  | 301.7  | 303.7  | 299.6  |
| 77.5° | 476.1  | 394.0  | 350.9  | 326.3  | 303.7  | 283.2  | 277.0  | 275.0  | 279.1  | 283.2  | 283.2  |
| 80°   | 375.6  | 350.9  | 326.3  | 301.7  | 264.7  | 250.4  | 254.5  | 256.5  | 254.5  | 256.5  | 250.4  |
| 82.5° | 264.7  | 260.6  | 266.8  | 256.5  | 219.6  | 207.3  | 203.2  | 205.2  | 201.1  | 201.1  | 197.0  |
| 85°   | 123.1  | 123.1  | 129.3  | 129.3  | 125.2  | 127.2  | 137.5  | 149.8  | 156.0  | 149.8  | 141.6  |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 18.5   | 36.9   | 53.4   | 57.5   | 71.8   | 69.8   |
| 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°    | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 |
| 2.5°  | 2185.6 | 2189.7 | 2187.7 | 2185.6 | 2189.7 | 2185.6 | 2187.7 | 2185.6 | 2185.6 | 2183.6 | 2183.6 |
| 5°    | 2255.4 | 2261.5 | 2249.2 | 2247.2 | 2243.1 | 2232.8 | 2232.8 | 2228.7 | 2228.7 | 2220.5 | 2214.3 |
| 7.5°  | 2300.5 | 2302.6 | 2292.3 | 2290.3 | 2280.0 | 2269.7 | 2261.5 | 2253.3 | 2251.3 | 2245.1 | 2232.8 |
| 10°   | 2343.6 | 2339.5 | 2331.3 | 2321.1 | 2310.8 | 2296.4 | 2286.2 | 2275.9 | 2273.8 | 2263.6 | 2249.2 |
| 12.5° | 2380.6 | 2378.5 | 2362.1 | 2351.8 | 2335.4 | 2321.1 | 2308.7 | 2296.4 | 2290.3 | 2278.0 | 2257.4 |
| 15°   | 2405.2 | 2392.9 | 2372.4 | 2353.9 | 2335.4 | 2319.0 | 2304.6 | 2290.3 | 2284.1 | 2269.7 | 2249.2 |
| 17.5° | 2394.9 | 2372.4 | 2345.7 | 2323.1 | 2298.5 | 2278.0 | 2265.6 | 2251.3 | 2241.0 | 2232.8 | 2204.1 |
| 20°   | 2358.0 | 2325.2 | 2284.1 | 2257.4 | 2224.6 | 2197.9 | 2189.7 | 2175.3 | 2167.1 | 2136.4 | 2099.4 |
| 22.5° | 2261.5 | 2214.3 | 2163.0 | 2124.0 | 2087.1 | 2060.4 | 2039.9 | 2025.5 | 2005.0 | 1986.5 | 1929.1 |
| 25°   | 2140.5 | 2087.1 | 2033.7 | 1986.5 | 1937.3 | 1896.2 | 1859.3 | 1824.4 | 1814.2 | 1775.2 | 1719.8 |
| 27.5° | 2023.5 | 1964.0 | 1910.6 | 1855.2 | 1791.6 | 1740.3 | 1676.7 | 1627.4 | 1594.6 | 1553.5 | 1502.2 |
| 30°   | 1898.3 | 1838.8 | 1767.0 | 1693.1 | 1619.2 | 1563.8 | 1492.0 | 1432.4 | 1391.4 | 1348.3 | 1301.1 |
| 32.5° | 1740.3 | 1668.4 | 1582.3 | 1500.2 | 1432.4 | 1366.8 | 1294.9 | 1237.5 | 1196.4 | 1157.4 | 1112.3 |
| 35°   | 1559.7 | 1465.3 | 1372.9 | 1282.6 | 1210.8 | 1155.4 | 1091.8 | 1048.7 | 1019.9 | 985.1  | 937.9  |
| 37.5° | 1352.4 | 1245.7 | 1147.2 | 1077.4 | 1013.8 | 960.4  | 915.3  | 888.6  | 857.8  | 839.4  | 810.6  |
| 40°   | 1143.1 | 1038.4 | 942.0  | 878.3  | 825.0  | 794.2  | 769.6  | 763.4  | 742.9  | 718.3  | 699.8  |
| 42.5° | 958.4  | 857.8  | 763.4  | 712.1  | 677.2  | 669.0  | 656.7  | 656.7  | 646.4  | 628.0  | 615.7  |
| 45°   | 833.2  | 728.5  | 646.4  | 609.5  | 591.0  | 589.0  | 582.8  | 582.8  | 580.8  | 572.6  | 558.2  |
| 47.5° | 742.9  | 648.5  | 584.9  | 562.3  | 558.2  | 554.1  | 547.9  | 545.9  | 543.8  | 537.7  | 529.5  |
| 50°   | 660.8  | 580.8  | 539.7  | 529.5  | 531.5  | 525.4  | 519.2  | 513.1  | 511.0  | 504.8  | 496.6  |
| 52.5° | 584.9  | 527.4  | 500.7  | 494.6  | 494.6  | 494.6  | 490.5  | 490.5  | 486.4  | 484.3  | 476.1  |
| 55°   | 541.8  | 498.7  | 484.3  | 482.3  | 480.2  | 478.2  | 474.1  | 474.1  | 470.0  | 467.9  | 457.6  |
| 57.5° | 504.8  | 478.2  | 470.0  | 465.9  | 463.8  | 459.7  | 457.6  | 457.6  | 457.6  | 457.6  | 445.3  |
| 60°   | 476.1  | 463.8  | 461.7  | 457.6  | 455.6  | 447.4  | 443.3  | 441.2  | 443.3  | 445.3  | 433.0  |
| 62.5° | 445.3  | 443.3  | 441.2  | 437.1  | 435.1  | 426.9  | 420.7  | 416.6  | 420.7  | 424.8  | 422.8  |
| 63°   | 437.1  | 435.1  | 435.1  | 433.0  | 431.0  | 420.7  | 414.5  | 410.4  | 414.5  | 418.7  | 418.7  |
| 65°   | 408.4  | 410.4  | 410.4  | 408.4  | 406.3  | 400.2  | 392.0  | 387.9  | 389.9  | 396.1  | 398.1  |
| 67.5° | 377.6  | 379.7  | 377.6  | 379.7  | 377.6  | 373.5  | 367.3  | 363.2  | 361.2  | 363.2  | 365.3  |
| 70°   | 348.9  | 353.0  | 350.9  | 348.9  | 346.8  | 346.8  | 342.7  | 336.6  | 334.5  | 332.5  | 332.5  |
| 72.5° | 324.2  | 324.2  | 320.1  | 320.1  | 318.1  | 318.1  | 314.0  | 307.8  | 305.8  | 305.8  | 301.7  |
| 75°   | 297.6  | 297.6  | 291.4  | 291.4  | 287.3  | 289.4  | 285.3  | 279.1  | 277.0  | 277.0  | 275.0  |
| 77.5° | 281.2  | 275.0  | 264.7  | 262.7  | 260.6  | 260.6  | 258.6  | 252.4  | 250.4  | 250.4  | 248.3  |
| 80°   | 248.3  | 236.0  | 225.7  | 223.7  | 225.7  | 229.8  | 229.8  | 225.7  | 225.7  | 225.7  | 225.7  |
| 82.5° | 192.9  | 188.8  | 182.6  | 178.5  | 178.5  | 184.7  | 192.9  | 197.0  | 201.1  | 205.2  | 205.2  |
| 85°   | 141.6  | 143.7  | 141.6  | 135.4  | 133.4  | 139.6  | 147.8  | 156.0  | 158.0  | 166.2  | 164.2  |
| 87.5° | 75.9   | 78.0   | 71.8   | 69.8   | 75.9   | 80.0   | 88.2   | 90.3   | 94.4   | 96.5   | 98.5   |
| 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°    | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 |
| 2.5°  | 2181.5 | 2179.4 | 2181.5 | 2177.4 | 2177.4 | 2173.3 | 2169.2 | 2167.1 | 2163.0 | 2161.0 | 2156.9 |
| 5°    | 2218.4 | 2212.3 | 2206.1 | 2204.1 | 2195.9 | 2187.7 | 2181.5 | 2171.2 | 2163.0 | 2148.7 | 2144.6 |
| 7.5°  | 2243.1 | 2228.7 | 2220.5 | 2218.4 | 2206.1 | 2200.0 | 2185.6 | 2173.3 | 2161.0 | 2142.5 | 2136.4 |
| 10°   | 2253.3 | 2239.0 | 2224.6 | 2218.4 | 2204.1 | 2193.8 | 2179.4 | 2161.0 | 2150.7 | 2132.2 | 2128.1 |
| 12.5° | 2265.6 | 2239.0 | 2216.4 | 2200.0 | 2179.4 | 2156.9 | 2142.5 | 2132.2 | 2117.9 | 2107.6 | 2103.5 |
| 15°   | 2243.1 | 2208.2 | 2173.3 | 2142.5 | 2109.7 | 2085.0 | 2070.7 | 2054.3 | 2037.8 | 2031.7 | 2031.7 |
| 17.5° | 2181.5 | 2136.4 | 2076.8 | 2037.8 | 2003.0 | 1976.3 | 1957.8 | 1941.4 | 1939.3 | 1931.1 | 1935.2 |
| 20°   | 2054.3 | 1994.7 | 1937.3 | 1908.6 | 1888.0 | 1871.6 | 1853.1 | 1844.9 | 1838.8 | 1826.5 | 1822.4 |
| 22.5° | 1877.8 | 1828.5 | 1787.5 | 1767.0 | 1750.5 | 1730.0 | 1713.6 | 1689.0 | 1682.8 | 1670.5 | 1664.3 |
| 25°   | 1682.8 | 1643.8 | 1608.9 | 1594.6 | 1584.3 | 1555.6 | 1545.3 | 1512.5 | 1489.9 | 1475.5 | 1483.7 |
| 27.5° | 1487.9 | 1459.1 | 1426.3 | 1407.8 | 1401.7 | 1375.0 | 1364.7 | 1327.8 | 1309.3 | 1309.3 | 1288.8 |
| 30°   | 1286.7 | 1260.1 | 1239.5 | 1219.0 | 1214.9 | 1182.1 | 1155.4 | 1141.0 | 1120.5 | 1112.3 | 1097.9 |
| 32.5° | 1097.9 | 1071.3 | 1054.8 | 1044.6 | 1028.2 | 1001.5 | 974.8  | 950.2  | 917.3  | 905.0  | 898.9  |
| 35°   | 923.5  | 903.0  | 882.5  | 874.2  | 851.7  | 822.9  | 790.1  | 769.6  | 730.6  | 716.2  | 710.1  |
| 37.5° | 790.1  | 765.5  | 751.1  | 728.5  | 706.0  | 675.2  | 650.6  | 632.1  | 617.7  | 611.6  | 611.6  |
| 40°   | 683.4  | 664.9  | 648.5  | 630.0  | 611.6  | 595.1  | 582.8  | 578.7  | 576.7  | 576.7  | 580.8  |
| 42.5° | 603.4  | 586.9  | 578.7  | 568.5  | 562.3  | 562.3  | 560.3  | 562.3  | 564.4  | 566.4  | 572.6  |
| 45°   | 550.0  | 539.7  | 535.6  | 533.6  | 537.7  | 541.8  | 543.8  | 547.9  | 556.1  | 560.3  | 562.3  |
| 47.5° | 521.3  | 513.1  | 511.0  | 513.1  | 519.2  | 527.4  | 535.6  | 541.8  | 547.9  | 550.0  | 552.0  |
| 50°   | 492.5  | 482.3  | 478.2  | 482.3  | 490.5  | 502.8  | 508.9  | 519.2  | 523.3  | 527.4  | 523.3  |
| 52.5° | 467.9  | 459.7  | 457.6  | 457.6  | 465.9  | 474.1  | 482.3  | 490.5  | 492.5  | 492.5  | 490.5  |
| 55°   | 447.4  | 441.2  | 435.1  | 439.2  | 445.3  | 453.5  | 465.9  | 472.0  | 476.1  | 478.2  | 478.2  |
| 57.5° | 431.0  | 424.8  | 418.7  | 422.8  | 428.9  | 437.1  | 449.4  | 455.6  | 459.7  | 465.9  | 467.9  |
| 60°   | 418.7  | 410.4  | 404.3  | 410.4  | 416.6  | 428.9  | 439.2  | 445.3  | 455.6  | 457.6  | 457.6  |
| 62.5° | 406.3  | 398.1  | 387.9  | 394.0  | 394.0  | 400.2  | 410.4  | 418.7  | 428.9  | 433.0  | 433.0  |
| 63°   | 404.3  | 396.1  | 385.8  | 389.9  | 389.9  | 394.0  | 402.2  | 410.4  | 422.8  | 426.9  | 424.8  |
| 65°   | 387.9  | 385.8  | 375.6  | 375.6  | 371.5  | 375.6  | 381.7  | 389.9  | 396.1  | 402.2  | 402.2  |
| 67.5° | 361.2  | 359.1  | 357.1  | 357.1  | 357.1  | 361.2  | 365.3  | 371.5  | 377.6  | 381.7  | 379.7  |
| 70°   | 330.4  | 330.4  | 330.4  | 332.5  | 332.5  | 336.6  | 338.6  | 336.6  | 342.7  | 346.8  | 344.8  |
| 72.5° | 303.7  | 301.7  | 299.6  | 303.7  | 301.7  | 301.7  | 305.8  | 303.7  | 309.9  | 309.9  | 311.9  |
| 75°   | 275.0  | 272.9  | 272.9  | 275.0  | 270.9  | 266.8  | 268.8  | 268.8  | 270.9  | 270.9  | 275.0  |
| 77.5° | 250.4  | 250.4  | 250.4  | 248.3  | 244.2  | 242.2  | 240.1  | 240.1  | 240.1  | 240.1  | 242.2  |
| 80°   | 227.8  | 227.8  | 227.8  | 225.7  | 221.6  | 217.5  | 213.4  | 211.4  | 209.3  | 199.1  | 199.1  |
| 82.5° | 205.2  | 205.2  | 205.2  | 205.2  | 203.2  | 199.1  | 192.9  | 176.5  | 168.3  | 160.1  | 162.1  |
| 85°   | 162.1  | 166.2  | 170.3  | 176.5  | 174.4  | 174.4  | 162.1  | 141.6  | 129.3  | 121.1  | 123.1  |
| 87.5° | 104.7  | 92.3   | 92.3   | 90.3   | 86.2   | 82.1   | 82.1   | 69.8   | 57.5   | 51.3   | 53.4   |
| 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°    | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 0°    |
| 2.5°  | 2156.9 | 2152.8 | 2148.7 | 2148.7 | 2142.5 | 2142.5 | 2138.4 | 2146.6 | 2138.4 | 2132.2 | 2132.2 | 2.5°  |
| 5°    | 2140.5 | 2136.4 | 2124.0 | 2122.0 | 2113.8 | 2113.8 | 2113.8 | 2109.7 | 2109.7 | 2105.6 | 2103.5 | 5°    |
| 7.5°  | 2130.2 | 2119.9 | 2109.7 | 2103.5 | 2103.5 | 2099.4 | 2107.6 | 2103.5 | 2105.6 | 2105.6 | 2107.6 | 7.5°  |
| 10°   | 2122.0 | 2113.8 | 2109.7 | 2107.6 | 2107.6 | 2113.8 | 2119.9 | 2122.0 | 2119.9 | 2122.0 | 2122.0 | 10°   |
| 12.5° | 2101.5 | 2105.6 | 2107.6 | 2115.8 | 2126.1 | 2138.4 | 2152.8 | 2154.8 | 2158.9 | 2158.9 | 2163.0 | 12.5° |
| 15°   | 2035.8 | 2046.1 | 2058.4 | 2078.9 | 2105.6 | 2132.2 | 2158.9 | 2181.5 | 2202.0 | 2212.3 | 2220.5 | 15°   |
| 17.5° | 1943.4 | 1953.7 | 1976.3 | 1998.9 | 2033.7 | 2072.7 | 2117.9 | 2156.9 | 2200.0 | 2239.0 | 2278.0 | 17.5° |
| 20°   | 1818.3 | 1834.7 | 1840.8 | 1881.9 | 1922.9 | 1976.3 | 2029.6 | 2091.2 | 2165.1 | 2239.0 | 2314.9 | 20°   |
| 22.5° | 1656.1 | 1674.6 | 1703.3 | 1736.2 | 1779.3 | 1844.9 | 1908.6 | 2005.0 | 2103.5 | 2208.2 | 2327.2 | 22.5° |
| 25°   | 1475.5 | 1496.1 | 1520.7 | 1555.6 | 1598.7 | 1668.4 | 1760.8 | 1863.4 | 1984.5 | 2122.0 | 2269.7 | 25°   |
| 27.5° | 1288.8 | 1309.3 | 1329.8 | 1354.5 | 1403.7 | 1477.6 | 1586.4 | 1693.1 | 1826.5 | 1976.3 | 2148.7 | 27.5° |
| 30°   | 1102.0 | 1104.1 | 1116.4 | 1147.2 | 1198.5 | 1294.9 | 1375.0 | 1508.4 | 1647.9 | 1805.9 | 2005.0 | 30°   |
| 32.5° | 896.8  | 894.8  | 909.1  | 935.8  | 985.1  | 1077.4 | 1175.9 | 1305.2 | 1442.7 | 1641.8 | 1847.0 | 32.5° |
| 35°   | 714.2  | 714.2  | 740.8  | 767.5  | 822.9  | 888.6  | 974.8  | 1089.7 | 1251.8 | 1436.5 | 1641.8 | 35°   |
| 37.5° | 617.7  | 632.1  | 648.5  | 675.2  | 718.3  | 769.6  | 845.5  | 946.1  | 1073.3 | 1249.8 | 1438.6 | 37.5° |
| 40°   | 586.9  | 595.1  | 609.5  | 634.1  | 671.1  | 718.3  | 773.7  | 849.6  | 948.1  | 1089.7 | 1262.1 | 40°   |
| 42.5° | 574.6  | 576.7  | 584.9  | 603.4  | 636.2  | 683.4  | 740.8  | 808.6  | 882.5  | 983.0  | 1132.8 | 42.5° |
| 45°   | 562.3  | 560.3  | 564.4  | 578.7  | 605.4  | 658.8  | 724.4  | 798.3  | 872.2  | 956.3  | 1079.5 | 45°   |
| 47.5° | 552.0  | 552.0  | 552.0  | 558.2  | 582.8  | 636.2  | 712.1  | 798.3  | 886.6  | 981.0  | 1102.0 | 47.5° |
| 50°   | 523.3  | 521.3  | 521.3  | 525.4  | 543.8  | 601.3  | 691.6  | 796.3  | 911.2  | 1034.3 | 1171.8 | 50°   |
| 52.5° | 490.5  | 490.5  | 492.5  | 494.6  | 511.0  | 568.5  | 669.0  | 796.3  | 939.9  | 1104.1 | 1276.5 | 52.5° |
| 55°   | 480.2  | 482.3  | 484.3  | 482.3  | 494.6  | 543.8  | 644.4  | 783.9  | 952.2  | 1159.5 | 1389.3 | 55°   |
| 57.5° | 472.0  | 476.1  | 476.1  | 474.1  | 482.3  | 523.3  | 619.8  | 759.3  | 942.0  | 1180.0 | 1469.4 | 57.5° |
| 60°   | 459.7  | 459.7  | 459.7  | 453.5  | 457.6  | 494.6  | 582.8  | 720.3  | 909.1  | 1161.6 | 1481.7 | 60°   |
| 62.5° | 433.0  | 433.0  | 428.9  | 426.9  | 424.8  | 453.5  | 533.6  | 662.9  | 849.6  | 1112.3 | 1450.9 | 62.5° |
| 63°   | 426.9  | 424.8  | 424.8  | 418.7  | 418.7  | 445.3  | 523.3  | 654.7  | 833.2  | 1100.0 | 1438.6 | 63°   |
| 65°   | 404.3  | 404.3  | 404.3  | 400.2  | 398.1  | 418.7  | 482.3  | 597.2  | 769.6  | 1042.5 | 1377.0 | 65°   |
| 67.5° | 379.7  | 381.7  | 377.6  | 375.6  | 373.5  | 385.8  | 435.1  | 525.4  | 671.1  | 921.4  | 1262.1 | 67.5° |
| 70°   | 344.8  | 346.8  | 346.8  | 344.8  | 342.7  | 350.9  | 381.7  | 451.5  | 556.1  | 767.5  | 1075.4 | 70°   |
| 72.5° | 314.0  | 318.1  | 318.1  | 322.2  | 322.2  | 328.4  | 340.7  | 375.6  | 445.3  | 599.2  | 845.5  | 72.5° |
| 75°   | 281.2  | 283.2  | 287.3  | 291.4  | 287.3  | 285.3  | 287.3  | 314.0  | 348.9  | 443.3  | 603.4  | 75°   |
| 77.5° | 252.4  | 258.6  | 258.6  | 256.5  | 250.4  | 246.3  | 246.3  | 258.6  | 287.3  | 336.6  | 431.0  | 77.5° |
| 80°   | 209.3  | 219.6  | 221.6  | 215.5  | 209.3  | 209.3  | 213.4  | 221.6  | 240.1  | 277.0  | 326.3  | 80°   |
| 82.5° | 168.3  | 178.5  | 180.6  | 182.6  | 180.6  | 186.8  | 186.8  | 188.8  | 199.1  | 227.8  | 266.8  | 82.5° |
| 85°   | 129.3  | 137.5  | 143.7  | 145.7  | 147.8  | 149.8  | 147.8  | 137.5  | 143.7  | 162.1  | 180.6  | 85°   |
| 87.5° | 57.5   | 59.5   | 55.4   | 57.5   | 55.4   | 57.5   | 59.5   | 49.3   | 47.2   | 63.6   | 65.7   | 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: P152702

NUMBER: VXM-E06-LED-E1-SLL-7060

**DISTRIBUTION (continued):**

| 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|
| 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 | 2152.8 |
| 2130.2 | 2130.2 | 2132.2 | 2128.1 | 2128.1 | 2130.2 | 2124.0 |
| 2097.4 | 2105.6 | 2105.6 | 2105.6 | 2101.5 | 2105.6 | 2107.6 |
| 2105.6 | 2111.7 | 2115.8 | 2115.8 | 2113.8 | 2122.0 | 2128.1 |
| 2115.8 | 2126.1 | 2130.2 | 2130.2 | 2130.2 | 2140.5 | 2154.8 |
| 2154.8 | 2163.0 | 2169.2 | 2169.2 | 2173.3 | 2185.6 | 2202.0 |
| 2226.6 | 2236.9 | 2236.9 | 2234.9 | 2247.2 | 2261.5 | 2280.0 |
| 2306.7 | 2335.4 | 2349.8 | 2347.7 | 2358.0 | 2376.5 | 2397.0 |
| 2382.6 | 2462.7 | 2497.5 | 2522.2 | 2532.4 | 2557.1 | 2563.2 |
| 2446.2 | 2579.6 | 2676.1 | 2758.2 | 2797.2 | 2821.8 | 2850.5 |
| 2423.7 | 2604.3 | 2776.6 | 2944.9 | 3064.0 | 3185.0 | 3236.3 |
| 2331.3 | 2557.1 | 2782.8 | 3029.1 | 3244.5 | 3460.0 | 3616.0 |
| 2218.4 | 2489.3 | 2793.1 | 3141.9 | 3482.6 | 3813.0 | 4075.7 |
| 2089.2 | 2425.7 | 2815.6 | 3246.6 | 3694.0 | 4127.0 | 4506.7 |
| 1927.0 | 2304.6 | 2760.2 | 3256.9 | 3784.3 | 4309.6 | 4802.2 |
| 1721.8 | 2140.5 | 2630.9 | 3183.0 | 3788.4 | 4389.7 | 4978.7 |
| 1516.6 | 1933.2 | 2466.8 | 3076.3 | 3735.0 | 4408.1 | 5089.5 |
| 1372.9 | 1748.5 | 2300.5 | 2940.8 | 3648.8 | 4379.4 | 5142.8 |
| 1274.4 | 1615.1 | 2152.8 | 2817.7 | 3556.5 | 4328.1 | 5151.0 |
| 1266.2 | 1557.6 | 2056.3 | 2727.4 | 3482.6 | 4283.0 | 5151.0 |
| 1336.0 | 1588.4 | 2023.5 | 2682.2 | 3451.8 | 4268.6 | 5155.2 |
| 1467.3 | 1711.5 | 2083.0 | 2717.1 | 3476.4 | 4287.1 | 5173.6 |
| 1625.4 | 1898.3 | 2243.1 | 2838.2 | 3581.1 | 4348.6 | 5214.7 |
| 1769.0 | 2113.8 | 2516.0 | 3072.2 | 3772.0 | 4504.6 | 5329.6 |
| 1853.1 | 2298.5 | 2805.4 | 3400.5 | 4098.3 | 4814.5 | 5559.4 |
| 1863.4 | 2401.1 | 3061.9 | 3757.6 | 4494.3 | 5169.5 | 5926.8 |
| 1855.2 | 2409.3 | 3094.7 | 3825.3 | 4578.5 | 5257.8 | 6054.0 |
| 1810.0 | 2411.3 | 3187.1 | 4063.4 | 4869.9 | 5629.2 | 6409.1 |
| 1695.1 | 2345.7 | 3219.9 | 4250.1 | 5237.2 | 6117.6 | 7071.9 |
| 1496.1 | 2158.9 | 3123.5 | 4254.2 | 5378.8 | 6390.6 | 7490.6 |
| 1202.6 | 1803.9 | 2706.9 | 3870.5 | 5005.3 | 6121.7 | 7381.8 |
| 880.4  | 1325.7 | 2046.1 | 2998.3 | 4083.9 | 5095.6 | 6322.9 |
| 584.9  | 857.8  | 1379.1 | 2136.4 | 2928.5 | 3667.3 | 4551.8 |
| 402.2  | 531.5  | 806.5  | 1284.7 | 1791.6 | 2150.7 | 2899.8 |
| 295.5  | 350.9  | 447.4  | 656.7  | 861.9  | 1061.0 | 1514.5 |
| 184.7  | 201.1  | 223.7  | 324.2  | 463.8  | 625.9  | 944.0  |
| 49.3   | 51.3   | 47.2   | 63.6   | 100.6  | 96.5   | 106.7  |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)