

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: P149910

Luminaire Tested: **VXS-E06-LED-E1-SL2**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P149910  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: VXS-E06-LED-E1-SL2  
Description: VISION SITE SMALL LED LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (126) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 18330.6 lumens  
Efficiency: N/A  
Efficacy: 121.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B3 - U0 - G3

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



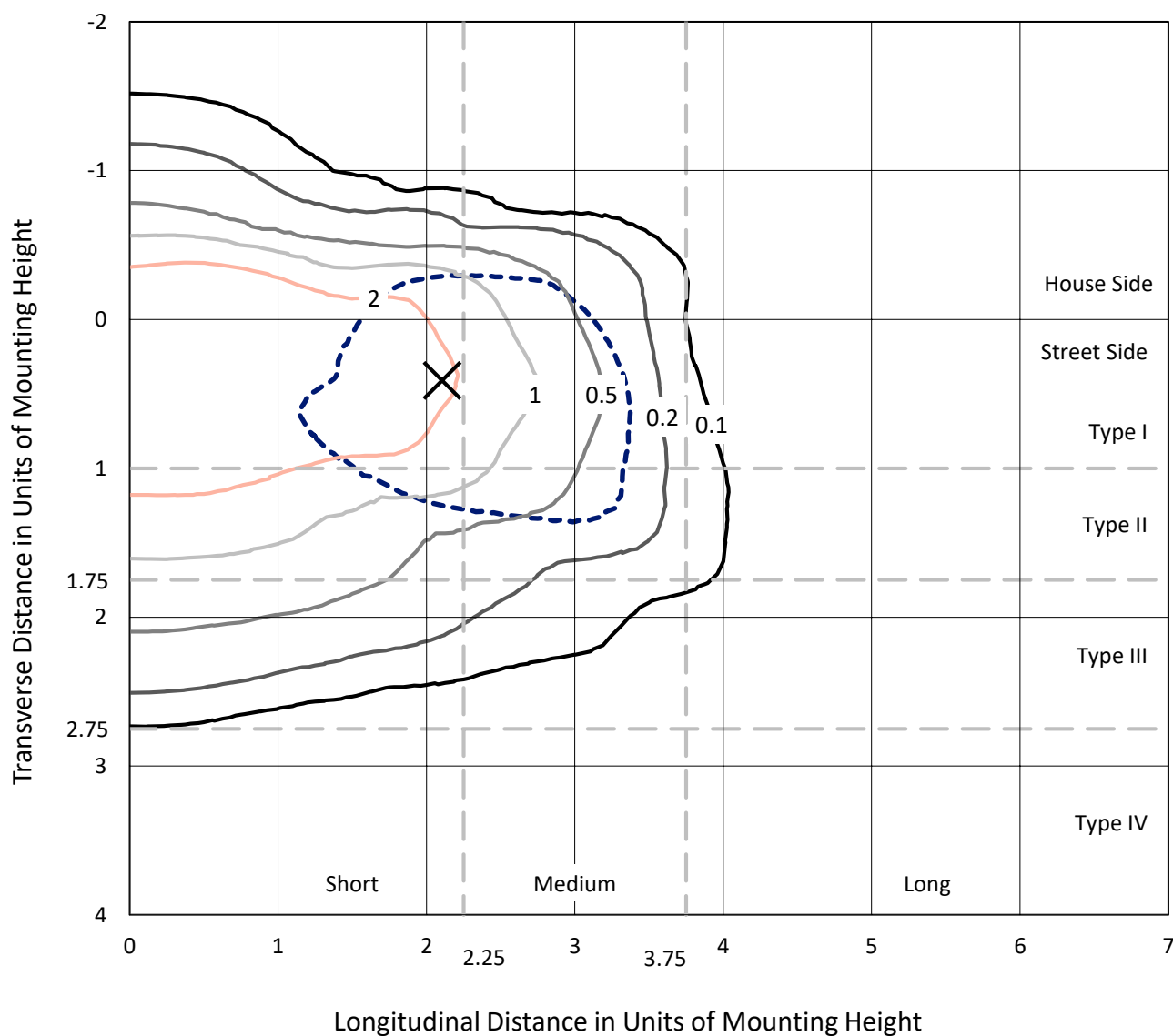
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

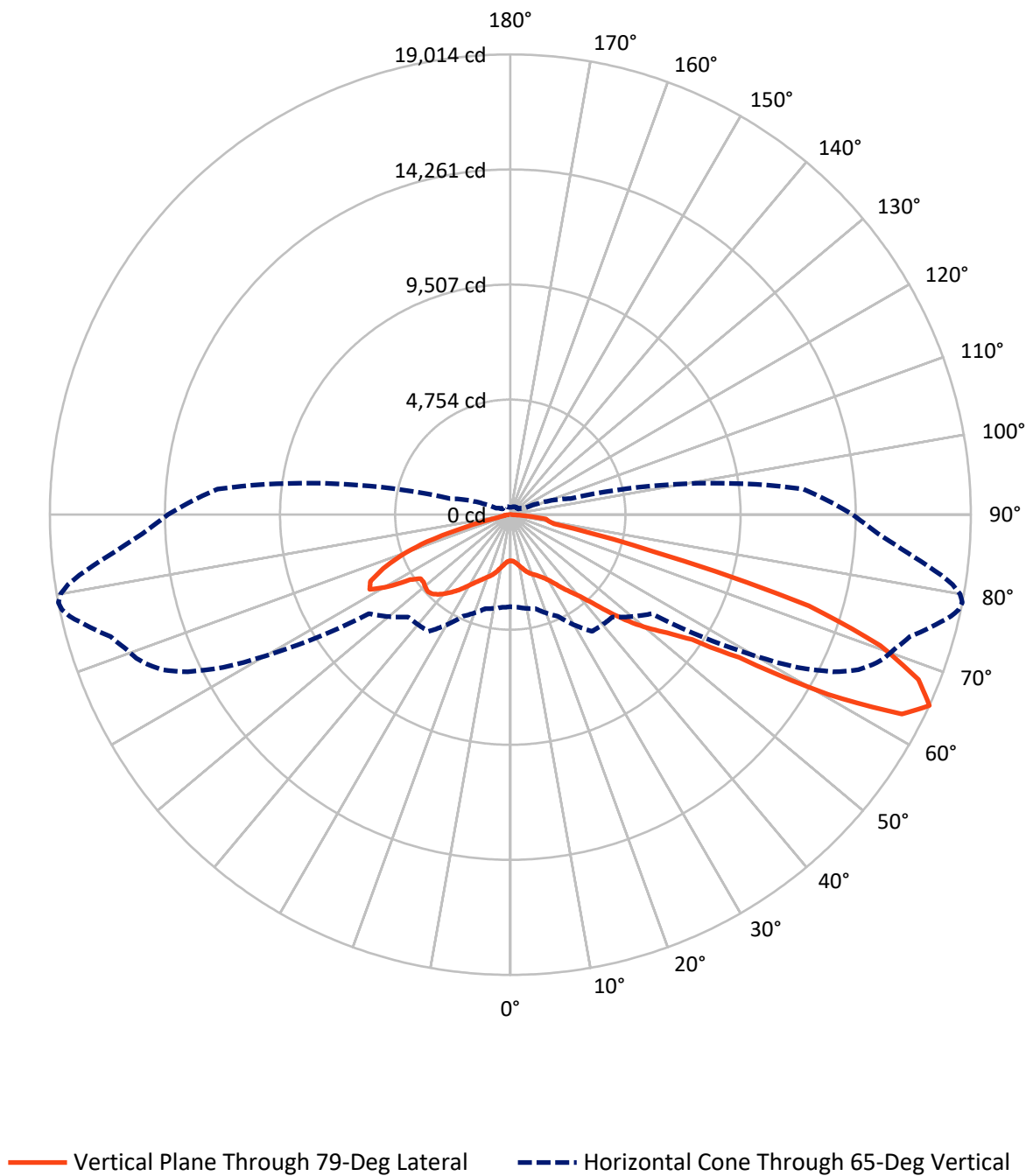


Based on 25 foot mounting height. Maximum calculated value = 4 fc  
 Type II - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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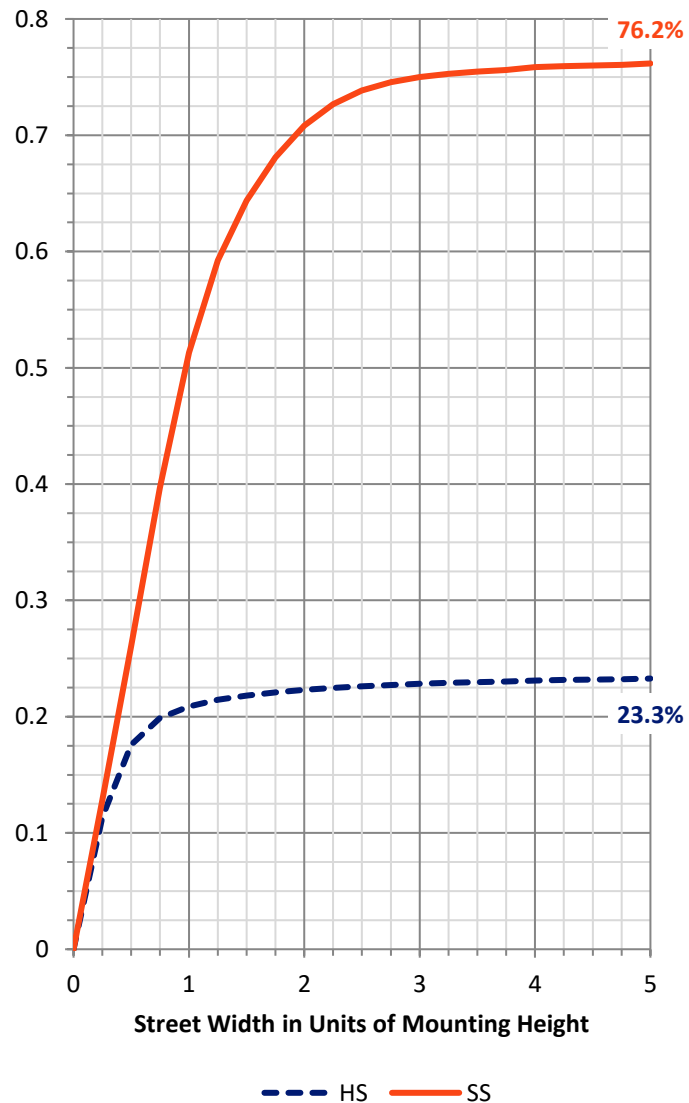
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4333.3   | 0.0    | 4333.3  |
|                    | % Fixture | 23.6     | 0.0    | 23.6    |
| <b>Street Side</b> | Lumens    | 13997.3  | 0.0    | 13997.3 |
|                    | % Fixture | 76.4     | 0.0    | 76.4    |
| <b>Total</b>       | Lumens    | 18330.6  | 0.0    | 18330.6 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 189.7   | 1.0       |
| 10°-20°   | 620.2   | 3.4       |
| 20°-30°   | 1071.2  | 5.8       |
| 30°-40°   | 1773.1  | 9.7       |
| 40°-50°   | 3007.2  | 16.4      |
| 50°-60°   | 3995.6  | 21.8      |
| 60°-70°   | 5161.3  | 28.2      |
| 70°-80°   | 2164.7  | 11.8      |
| 80°-90°   | 347.7   | 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°    | 18330.6 | 100.0     |
| 0°-180°   | 18330.6 | 100.0     |

**Coefficient of Utilization**



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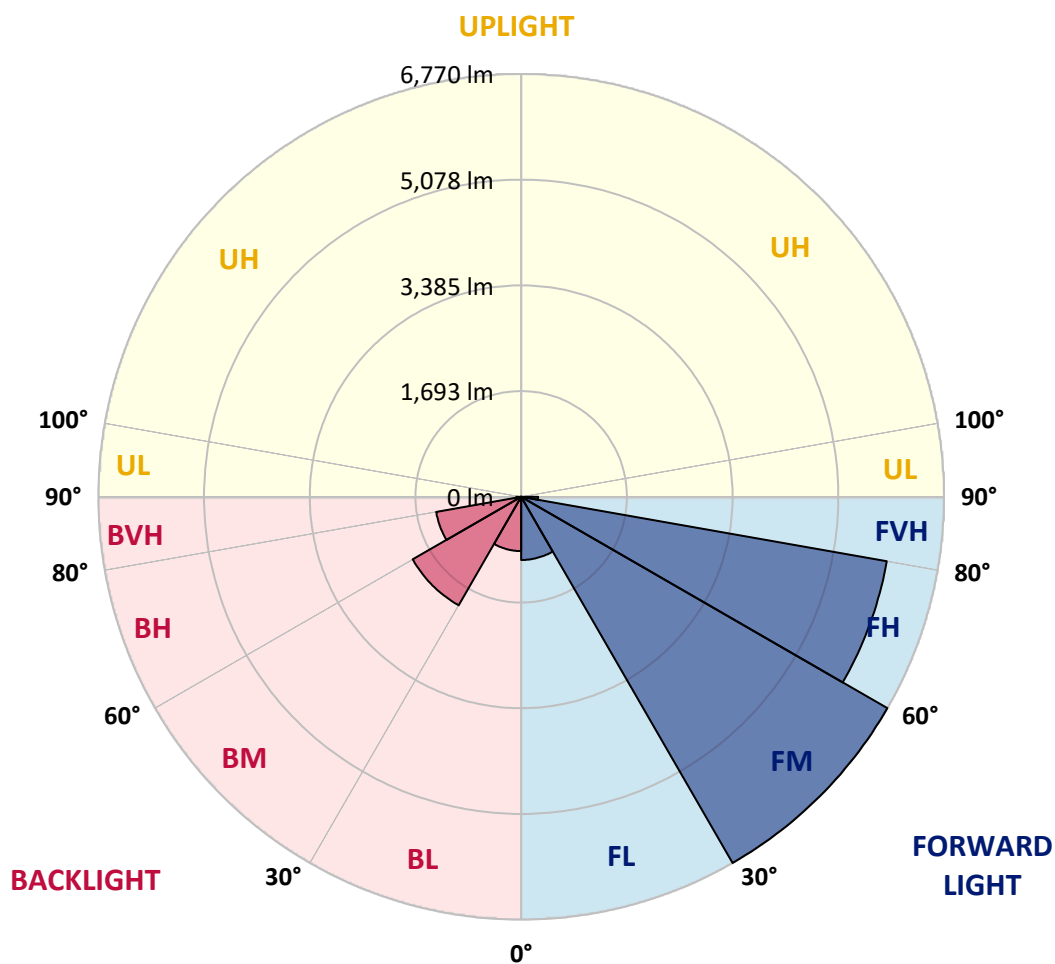
CATALOG NUMBER: VXS-E06-LED-E1-SL2

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1011.4 | 5.5       |                         |      |         |
| FM   | (30°-60°)   | 6770.0 | 36.9      |                         |      |         |
| FH   | (60°-80°)   | 5943.9 | 32.4      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 271.9  | 1.5       |                         |      | G3/500  |
| BL   | (0°-30°)    | 869.6  | 4.7       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 2005.9 | 10.9      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 1382.0 | 7.5       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 75.8   | 0.4       |                         |      | 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 II Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 60°     | 61°     | 62°     | 64°     |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0°    | 1908.0 | 1908.0 | 1908.0 | 1908.0 | 1908.0 | 1908.0 | 1908.0 | 1908.0  | 1908.0  | 1908.0  | 1908.0  |
| 2.5°  | 1902.0 | 1908.0 | 1904.0 | 1908.0 | 1912.0 | 1914.0 | 1918.0 | 1916.0  | 1916.0  | 1918.0  | 1914.0  |
| 5°    | 1902.0 | 1902.0 | 1908.0 | 1918.0 | 1922.0 | 1934.0 | 1948.0 | 1946.0  | 1948.0  | 1946.0  | 1950.1  |
| 7.5°  | 1942.0 | 1940.0 | 1946.0 | 1958.0 | 1962.0 | 1980.0 | 2004.0 | 2008.0  | 2012.0  | 2012.0  | 2018.0  |
| 10°   | 2012.0 | 2009.9 | 2016.0 | 2022.0 | 2028.0 | 2042.0 | 2076.0 | 2089.9  | 2092.0  | 2094.0  | 2102.0  |
| 12.5° | 2100.0 | 2098.0 | 2089.9 | 2089.9 | 2088.0 | 2114.0 | 2160.0 | 2186.0  | 2190.1  | 2198.0  | 2204.0  |
| 15°   | 2162.0 | 2156.0 | 2144.0 | 2136.0 | 2146.0 | 2188.0 | 2256.0 | 2286.0  | 2289.9  | 2296.0  | 2312.0  |
| 17.5° | 2222.0 | 2216.0 | 2190.1 | 2169.9 | 2184.0 | 2252.0 | 2344.0 | 2376.0  | 2384.0  | 2390.1  | 2408.0  |
| 20°   | 2306.0 | 2302.0 | 2264.0 | 2216.0 | 2212.0 | 2300.0 | 2412.0 | 2454.0  | 2460.0  | 2468.0  | 2486.0  |
| 22.5° | 2434.0 | 2416.0 | 2372.0 | 2282.0 | 2238.0 | 2328.0 | 2460.0 | 2518.0  | 2526.0  | 2534.0  | 2558.0  |
| 25°   | 2594.0 | 2586.0 | 2510.1 | 2372.0 | 2280.0 | 2356.0 | 2512.0 | 2584.0  | 2596.0  | 2606.0  | 2638.0  |
| 27.5° | 2760.0 | 2748.0 | 2666.0 | 2486.0 | 2354.0 | 2412.0 | 2594.0 | 2676.0  | 2692.0  | 2708.0  | 2738.0  |
| 30°   | 2908.0 | 2904.0 | 2836.0 | 2640.0 | 2474.0 | 2518.0 | 2726.0 | 2826.0  | 2844.0  | 2864.0  | 2892.0  |
| 32.5° | 3256.0 | 3258.0 | 3188.0 | 2988.0 | 2764.0 | 2710.1 | 2916.0 | 3066.0  | 3074.0  | 3098.0  | 3148.0  |
| 35°   | 3922.0 | 3929.9 | 3904.0 | 3746.0 | 3494.0 | 3272.0 | 3292.0 | 3440.0  | 3448.0  | 3468.0  | 3516.0  |
| 37.5° | 4368.0 | 4384.0 | 4464.0 | 4514.0 | 4386.0 | 4284.0 | 4030.1 | 3972.0  | 3978.0  | 3966.0  | 3956.0  |
| 40°   | 4614.0 | 4638.0 | 4848.0 | 5108.0 | 5248.0 | 5249.9 | 5140.0 | 4884.0  | 4786.0  | 4758.0  | 4638.0  |
| 42.5° | 4754.0 | 4794.0 | 5092.0 | 5536.0 | 5938.0 | 6214.0 | 6282.0 | 5998.0  | 5926.0  | 5798.0  | 5568.0  |
| 45°   | 4846.0 | 4894.0 | 5246.0 | 5854.0 | 6446.0 | 6916.0 | 7270.1 | 7144.0  | 7096.0  | 7018.0  | 6806.0  |
| 47.5° | 4830.1 | 4868.0 | 5234.0 | 5962.0 | 6712.0 | 7380.0 | 8008.0 | 8138.0  | 8080.0  | 8060.0  | 7916.0  |
| 50°   | 4538.0 | 4572.0 | 4944.0 | 5694.0 | 6566.0 | 7556.0 | 8476.0 | 8844.0  | 8844.0  | 8882.0  | 8838.0  |
| 52.5° | 4226.0 | 4254.0 | 4592.0 | 5266.0 | 6094.0 | 7384.0 | 8736.0 | 9346.0  | 9426.0  | 9492.0  | 9596.0  |
| 55°   | 4108.0 | 4142.0 | 4398.0 | 4974.0 | 5692.0 | 6892.0 | 8824.0 | 9722.0  | 9870.1  | 9982.0  | 10218.0 |
| 57.5° | 4164.0 | 4198.0 | 4380.0 | 4816.0 | 5456.0 | 6389.9 | 8828.0 | 10228.0 | 10514.0 | 10744.0 | 11222.0 |
| 60°   | 4406.0 | 4438.0 | 4589.9 | 4962.0 | 5394.0 | 6100.0 | 8658.0 | 11034.0 | 11489.9 | 11922.0 | 12718.0 |
| 62.5° | 4294.0 | 4334.0 | 4556.0 | 5204.0 | 5856.0 | 5880.0 | 8044.0 | 11658.0 | 12392.0 | 13029.9 | 14296.0 |
| 65°   | 3804.0 | 3846.0 | 4020.0 | 4626.0 | 5884.0 | 5976.0 | 7134.0 | 11670.1 | 12582.0 | 13444.0 | 14809.9 |
| 67.5° | 2888.0 | 2904.0 | 3042.0 | 3528.0 | 4706.0 | 6082.0 | 6198.0 | 10288.0 | 11156.0 | 12118.0 | 13528.0 |
| 70°   | 1476.0 | 1504.0 | 1544.0 | 1948.0 | 3030.1 | 5026.0 | 5326.0 | 7582.0  | 8688.0  | 9682.0  | 11376.0 |
| 72.5° | 512.0  | 522.0  | 562.0  | 744.0  | 1476.0 | 3298.0 | 4662.0 | 5196.0  | 5864.0  | 6794.0  | 8756.0  |
| 75°   | 308.0  | 308.0  | 322.0  | 376.0  | 674.0  | 1718.0 | 4148.0 | 4244.0  | 4334.0  | 4646.0  | 5929.9  |
| 77.5° | 244.0  | 248.0  | 248.0  | 258.0  | 374.0  | 882.0  | 3150.1 | 3946.0  | 3958.0  | 3988.0  | 4204.0  |
| 80°   | 174.0  | 182.0  | 198.0  | 206.0  | 242.0  | 484.0  | 1768.0 | 3464.0  | 3700.0  | 3814.0  | 3972.0  |
| 82.5° | 129.9  | 138.0  | 168.0  | 178.0  | 188.0  | 270.1  | 794.0  | 2390.1  | 2820.0  | 3048.0  | 3604.0  |
| 85°   | 58.0   | 68.0   | 114.0  | 126.0  | 132.0  | 144.0  | 372.0  | 680.0   | 782.0   | 878.0   | 1158.0  |
| 87.5° | 9.9    | 9.9    | 18.0   | 26.0   | 38.0   | 36.0   | 82.0   | 116.0   | 118.0   | 138.0   | 154.0   |
| 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):**

|       | 65°     | 66°     | 67°     | 68°     | 69°     | 70°     | 71°     | 72°     | 73°     | 74°     | 75°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  |
| 2.5°  | 1914.0  | 1914.0  | 1914.0  | 1912.0  | 1914.0  | 1914.0  | 1914.0  | 1914.0  | 1916.0  | 1916.0  | 1916.0  |
| 5°    | 1956.0  | 1952.0  | 1954.0  | 1954.0  | 1954.0  | 1952.0  | 1956.0  | 1954.0  | 1956.0  | 1962.0  | 1960.0  |
| 7.5°  | 2018.0  | 2022.0  | 2024.0  | 2026.0  | 2026.0  | 2026.0  | 2028.0  | 2032.0  | 2032.0  | 2038.0  | 2036.0  |
| 10°   | 2110.1  | 2108.0  | 2110.1  | 2116.0  | 2122.0  | 2124.0  | 2129.9  | 2128.0  | 2132.0  | 2140.0  | 2148.0  |
| 12.5° | 2208.0  | 2212.0  | 2218.0  | 2224.0  | 2234.0  | 2236.0  | 2242.0  | 2244.0  | 2256.0  | 2256.0  | 2264.0  |
| 15°   | 2318.0  | 2320.0  | 2332.0  | 2334.0  | 2346.0  | 2350.1  | 2360.0  | 2364.0  | 2378.0  | 2380.0  | 2388.0  |
| 17.5° | 2418.0  | 2422.0  | 2428.0  | 2434.0  | 2448.0  | 2454.0  | 2462.0  | 2469.9  | 2482.0  | 2486.0  | 2500.0  |
| 20°   | 2498.0  | 2506.0  | 2508.0  | 2520.0  | 2532.0  | 2540.0  | 2548.0  | 2556.0  | 2568.0  | 2574.0  | 2588.0  |
| 22.5° | 2569.9  | 2578.0  | 2584.0  | 2594.0  | 2602.0  | 2614.0  | 2618.0  | 2632.0  | 2644.0  | 2654.0  | 2666.0  |
| 25°   | 2648.0  | 2660.0  | 2666.0  | 2684.0  | 2689.9  | 2702.0  | 2712.0  | 2726.0  | 2742.0  | 2754.0  | 2769.9  |
| 27.5° | 2758.0  | 2776.0  | 2784.0  | 2804.0  | 2818.0  | 2824.0  | 2840.0  | 2860.0  | 2874.0  | 2888.0  | 2904.0  |
| 30°   | 2910.1  | 2944.0  | 2950.1  | 2964.0  | 2990.1  | 2994.0  | 3014.0  | 3030.1  | 3052.0  | 3066.0  | 3080.0  |
| 32.5° | 3146.0  | 3188.0  | 3192.0  | 3208.0  | 3230.1  | 3238.0  | 3254.0  | 3272.0  | 3306.0  | 3312.0  | 3334.0  |
| 35°   | 3508.0  | 3526.0  | 3542.0  | 3548.0  | 3566.0  | 3576.0  | 3588.0  | 3608.0  | 3642.0  | 3638.0  | 3662.0  |
| 37.5° | 3942.0  | 3948.0  | 3950.1  | 3929.9  | 3934.0  | 3916.0  | 3938.0  | 3942.0  | 3954.0  | 3964.0  | 3988.0  |
| 40°   | 4562.0  | 4500.0  | 4492.0  | 4444.0  | 4396.0  | 4369.9  | 4360.0  | 4320.0  | 4329.9  | 4334.0  | 4354.0  |
| 42.5° | 5468.0  | 5348.0  | 5248.0  | 5180.0  | 5062.0  | 5004.0  | 4926.0  | 4864.0  | 4816.0  | 4834.0  | 4842.0  |
| 45°   | 6616.0  | 6444.0  | 6284.0  | 6076.0  | 5922.0  | 5812.0  | 5674.0  | 5550.1  | 5494.0  | 5468.0  | 5500.0  |
| 47.5° | 7762.0  | 7609.9  | 7422.0  | 7208.0  | 6964.0  | 6782.0  | 6552.0  | 6350.1  | 6209.9  | 6158.0  | 6186.0  |
| 50°   | 8752.0  | 8612.0  | 8470.1  | 8344.0  | 8060.0  | 7862.0  | 7548.0  | 7286.0  | 7066.0  | 6954.0  | 6924.0  |
| 52.5° | 9574.0  | 9500.0  | 9424.0  | 9318.0  | 9089.9  | 8892.0  | 8642.0  | 8384.0  | 8092.0  | 7864.0  | 7786.0  |
| 55°   | 10308.0 | 10352.0 | 10314.0 | 10316.0 | 10226.0 | 10100.0 | 9888.0  | 9696.0  | 9492.0  | 9234.0  | 9126.0  |
| 57.5° | 11378.0 | 11638.0 | 11689.9 | 11820.0 | 11884.0 | 11952.0 | 12012.0 | 11898.0 | 11846.0 | 11654.0 | 11656.0 |
| 60°   | 13064.0 | 13444.0 | 13774.0 | 14074.0 | 14320.0 | 14560.0 | 14812.0 | 14924.0 | 15048.0 | 15106.0 | 15304.0 |
| 62.5° | 14858.0 | 15220.0 | 15712.0 | 16114.0 | 16340.0 | 16652.0 | 16926.0 | 17104.0 | 17322.0 | 17554.0 | 17856.0 |
| 65°   | 15302.0 | 15738.0 | 16048.0 | 16316.0 | 16540.0 | 16706.0 | 16856.0 | 17068.0 | 17249.9 | 17618.0 | 17974.0 |
| 67.5° | 14164.0 | 14512.0 | 14796.0 | 15060.0 | 15234.0 | 15374.0 | 15508.0 | 15648.0 | 15960.0 | 16294.0 | 16652.0 |
| 70°   | 12158.0 | 12578.0 | 13048.0 | 13390.1 | 13476.0 | 13596.0 | 13724.0 | 13906.0 | 14062.0 | 14412.0 | 14684.0 |
| 72.5° | 9768.0  | 10372.0 | 10769.9 | 11244.0 | 11346.0 | 11528.0 | 11600.0 | 11742.0 | 11769.9 | 11960.0 | 12032.0 |
| 75°   | 6808.0  | 7500.0  | 7900.0  | 8248.0  | 8316.0  | 8216.0  | 8256.0  | 7754.0  | 7626.0  | 7522.0  | 7438.0  |
| 77.5° | 4494.0  | 4680.0  | 4744.0  | 4688.0  | 4420.0  | 4209.9  | 3986.0  | 3766.0  | 3790.1  | 3612.0  | 3300.0  |
| 80°   | 3996.0  | 4038.0  | 3980.0  | 3924.0  | 3769.9  | 3550.1  | 3348.0  | 3142.0  | 3040.0  | 2932.0  | 2772.0  |
| 82.5° | 3888.0  | 4049.9  | 4068.0  | 4000.0  | 3878.0  | 3638.0  | 3394.0  | 3088.0  | 2828.0  | 2588.0  | 2344.0  |
| 85°   | 1300.0  | 1582.0  | 1708.0  | 1826.0  | 1862.0  | 1904.0  | 1760.0  | 1564.0  | 1328.0  | 1169.9  | 916.0   |
| 87.5° | 166.0   | 206.0   | 238.0   | 204.0   | 238.0   | 280.0   | 202.0   | 226.0   | 228.0   | 142.0   | 106.0   |
| 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):**

|       | 76°     | 77°     | 78°     | 79°     | 80°     | 81°     | 82°     | 83°     | 84°     | 85°     | 86°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  |
| 2.5°  | 1918.0  | 1916.0  | 1916.0  | 1916.0  | 1914.0  | 1916.0  | 1916.0  | 1916.0  | 1916.0  | 1916.0  | 1914.0  |
| 5°    | 1962.0  | 1962.0  | 1968.0  | 1969.9  | 1966.0  | 1964.0  | 1966.0  | 1968.0  | 1968.0  | 1966.0  | 1968.0  |
| 7.5°  | 2044.0  | 2046.0  | 2049.9  | 2056.0  | 2052.0  | 2054.0  | 2056.0  | 2054.0  | 2060.0  | 2062.0  | 2060.0  |
| 10°   | 2148.0  | 2152.0  | 2162.0  | 2164.0  | 2162.0  | 2169.9  | 2172.0  | 2168.0  | 2172.0  | 2172.0  | 2180.0  |
| 12.5° | 2268.0  | 2272.0  | 2284.0  | 2288.0  | 2292.0  | 2294.0  | 2300.0  | 2302.0  | 2308.0  | 2312.0  | 2318.0  |
| 15°   | 2398.0  | 2402.0  | 2409.9  | 2424.0  | 2428.0  | 2432.0  | 2436.0  | 2448.0  | 2449.9  | 2458.0  | 2464.0  |
| 17.5° | 2508.0  | 2514.0  | 2526.0  | 2536.0  | 2542.0  | 2552.0  | 2556.0  | 2569.9  | 2574.0  | 2586.0  | 2596.0  |
| 20°   | 2596.0  | 2606.0  | 2616.0  | 2628.0  | 2638.0  | 2649.9  | 2654.0  | 2668.0  | 2676.0  | 2682.0  | 2694.0  |
| 22.5° | 2676.0  | 2688.0  | 2702.0  | 2716.0  | 2724.0  | 2740.0  | 2746.0  | 2752.0  | 2769.9  | 2778.0  | 2790.1  |
| 25°   | 2780.0  | 2792.0  | 2808.0  | 2826.0  | 2834.0  | 2854.0  | 2860.0  | 2869.9  | 2889.9  | 2898.0  | 2916.0  |
| 27.5° | 2922.0  | 2938.0  | 2950.1  | 2968.0  | 2978.0  | 2992.0  | 3006.0  | 3018.0  | 3036.0  | 3048.0  | 3068.0  |
| 30°   | 3100.0  | 3112.0  | 3132.0  | 3146.0  | 3162.0  | 3182.0  | 3198.0  | 3209.9  | 3220.0  | 3238.0  | 3260.0  |
| 32.5° | 3362.0  | 3364.0  | 3369.9  | 3404.0  | 3420.0  | 3436.0  | 3458.0  | 3468.0  | 3484.0  | 3502.0  | 3526.0  |
| 35°   | 3688.0  | 3706.0  | 3720.0  | 3736.0  | 3754.0  | 3772.0  | 3780.0  | 3809.9  | 3824.0  | 3848.0  | 3872.0  |
| 37.5° | 4012.0  | 4014.0  | 4046.0  | 4056.0  | 4072.0  | 4089.9  | 4118.0  | 4148.0  | 4184.0  | 4208.0  | 4246.0  |
| 40°   | 4360.0  | 4376.0  | 4416.0  | 4436.0  | 4456.0  | 4500.0  | 4522.0  | 4569.9  | 4630.1  | 4664.0  | 4728.0  |
| 42.5° | 4864.0  | 4888.0  | 4960.0  | 4992.0  | 5040.0  | 5112.0  | 5158.0  | 5224.0  | 5248.0  | 5329.9  | 5360.0  |
| 45°   | 5524.0  | 5598.0  | 5702.0  | 5769.9  | 5856.0  | 5934.0  | 5974.0  | 6004.0  | 6040.0  | 6104.0  | 6096.0  |
| 47.5° | 6238.0  | 6334.0  | 6449.9  | 6589.9  | 6646.0  | 6738.0  | 6789.9  | 6848.0  | 6816.0  | 6800.0  | 6784.0  |
| 50°   | 6969.9  | 7082.0  | 7236.0  | 7362.0  | 7448.0  | 7504.0  | 7548.0  | 7540.0  | 7472.0  | 7436.0  | 7336.0  |
| 52.5° | 7784.0  | 7849.9  | 7996.0  | 8104.0  | 8156.0  | 8168.0  | 8158.0  | 8098.0  | 8034.0  | 7920.0  | 7802.0  |
| 55°   | 9032.0  | 9002.0  | 9060.0  | 9110.1  | 9094.0  | 9150.1  | 9006.0  | 8950.1  | 8792.0  | 8644.0  | 8486.0  |
| 57.5° | 11568.0 | 11608.0 | 11284.0 | 11138.0 | 11112.0 | 11164.0 | 10910.1 | 10878.0 | 10496.0 | 10448.0 | 10182.0 |
| 60°   | 15276.0 | 15472.0 | 15218.0 | 15076.0 | 14692.0 | 14566.0 | 14282.0 | 14164.0 | 13798.0 | 13502.0 | 13128.0 |
| 62.5° | 18064.0 | 18242.0 | 18348.0 | 18146.0 | 17922.0 | 17592.0 | 17162.0 | 16686.0 | 16298.0 | 15844.0 | 15448.0 |
| 65°   | 18316.0 | 18676.0 | 18920.0 | 19014.0 | 18856.0 | 18494.0 | 17964.0 | 17364.0 | 16769.9 | 16200.0 | 15700.0 |
| 67.5° | 17138.0 | 17460.0 | 17838.0 | 18176.0 | 18196.0 | 17960.0 | 17508.0 | 16898.0 | 16212.0 | 15508.0 | 14922.0 |
| 70°   | 15114.0 | 15518.0 | 15848.0 | 16204.0 | 16452.0 | 16316.0 | 16089.9 | 15529.9 | 14818.0 | 14270.1 | 13596.0 |
| 72.5° | 12292.0 | 12462.0 | 12542.0 | 12892.0 | 12896.0 | 12648.0 | 12488.0 | 12178.0 | 11604.0 | 11216.0 | 10702.0 |
| 75°   | 7178.0  | 6804.0  | 6406.0  | 6060.0  | 5778.0  | 5660.0  | 5136.0  | 5048.0  | 4696.0  | 4478.0  | 4158.0  |
| 77.5° | 2960.0  | 2626.0  | 2196.0  | 1838.0  | 1484.0  | 1324.0  | 1092.0  | 990.1   | 858.0   | 800.0   | 762.0   |
| 80°   | 2538.0  | 2222.0  | 1898.0  | 1588.0  | 1312.0  | 1036.0  | 806.0   | 626.0   | 492.0   | 418.0   | 388.0   |
| 82.5° | 2072.0  | 1882.0  | 1656.0  | 1488.0  | 1272.0  | 1066.0  | 900.0   | 698.0   | 522.0   | 384.0   | 294.0   |
| 85°   | 748.0   | 614.0   | 494.0   | 454.0   | 362.0   | 298.0   | 249.9   | 214.0   | 176.0   | 140.0   | 124.0   |
| 87.5° | 84.0    | 80.0    | 46.0    | 44.0    | 49.9    | 36.0    | 42.0    | 38.0    | 32.0    | 28.0    | 30.1    |
| 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):**

|       | 87°     | 88°     | 89°     | 90°     | 95°     | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   |
|-------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| 0°    | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0  | 1908.0 | 1908.0 | 1908.0 | 1908.0 | 1908.0 | 1908.0 |
| 2.5°  | 1914.0  | 1914.0  | 1916.0  | 1916.0  | 1918.0  | 1920.0 | 1924.0 | 1922.0 | 1922.0 | 1924.0 | 1924.0 |
| 5°    | 1968.0  | 1974.0  | 1972.0  | 1972.0  | 1972.0  | 1974.0 | 1976.0 | 1968.0 | 1960.0 | 1952.0 | 1948.0 |
| 7.5°  | 2062.0  | 2066.0  | 2070.1  | 2066.0  | 2070.1  | 2068.0 | 2064.0 | 2042.0 | 2016.0 | 1984.0 | 1962.0 |
| 10°   | 2184.0  | 2184.0  | 2188.0  | 2186.0  | 2194.0  | 2188.0 | 2176.0 | 2126.0 | 2070.1 | 2002.0 | 1952.0 |
| 12.5° | 2316.0  | 2329.9  | 2324.0  | 2326.0  | 2342.0  | 2326.0 | 2298.0 | 2224.0 | 2124.0 | 2014.0 | 1926.0 |
| 15°   | 2472.0  | 2478.0  | 2482.0  | 2476.0  | 2486.0  | 2472.0 | 2422.0 | 2304.0 | 2158.0 | 2004.0 | 1874.0 |
| 17.5° | 2600.0  | 2602.0  | 2604.0  | 2608.0  | 2622.0  | 2606.0 | 2520.0 | 2360.0 | 2166.0 | 1958.0 | 1786.0 |
| 20°   | 2700.0  | 2710.1  | 2718.0  | 2718.0  | 2738.0  | 2714.0 | 2600.0 | 2388.0 | 2140.0 | 1882.0 | 1674.0 |
| 22.5° | 2804.0  | 2812.0  | 2822.0  | 2824.0  | 2849.9  | 2826.0 | 2666.0 | 2382.0 | 2072.0 | 1774.0 | 1544.0 |
| 25°   | 2932.0  | 2940.0  | 2948.0  | 2958.0  | 2994.0  | 2960.0 | 2732.0 | 2358.0 | 1978.0 | 1646.0 | 1404.0 |
| 27.5° | 3080.0  | 3098.0  | 3104.0  | 3120.0  | 3162.0  | 3110.1 | 2788.0 | 2322.0 | 1874.0 | 1498.0 | 1256.0 |
| 30°   | 3278.0  | 3300.0  | 3308.0  | 3329.9  | 3388.0  | 3274.0 | 2820.0 | 2260.0 | 1742.0 | 1348.0 | 1098.0 |
| 32.5° | 3544.0  | 3574.0  | 3598.0  | 3622.0  | 3688.0  | 3438.0 | 2824.0 | 2169.9 | 1588.0 | 1180.0 | 946.0  |
| 35°   | 3892.0  | 3938.0  | 3956.0  | 3972.0  | 4034.0  | 3616.0 | 2806.0 | 2036.0 | 1400.0 | 1008.0 | 826.0  |
| 37.5° | 4282.0  | 4328.0  | 4340.0  | 4348.0  | 4360.0  | 3768.0 | 2762.0 | 1832.0 | 1188.0 | 858.0  | 729.9  |
| 40°   | 4762.0  | 4802.0  | 4818.0  | 4806.0  | 4742.0  | 3886.0 | 2664.0 | 1594.0 | 982.0  | 756.0  | 670.1  |
| 42.5° | 5348.0  | 5408.0  | 5414.0  | 5360.0  | 5148.0  | 3952.0 | 2468.0 | 1314.0 | 820.0  | 682.0  | 624.0  |
| 45°   | 6074.0  | 6070.1  | 6036.0  | 5998.0  | 5589.9  | 3926.0 | 2194.0 | 1070.1 | 718.0  | 624.0  | 582.0  |
| 47.5° | 6726.0  | 6658.0  | 6606.0  | 6494.0  | 5980.0  | 3774.0 | 1840.0 | 886.0  | 656.0  | 580.0  | 546.0  |
| 50°   | 7260.0  | 7136.0  | 7026.0  | 6904.0  | 6270.1  | 3504.0 | 1488.0 | 752.0  | 598.0  | 542.0  | 512.0  |
| 52.5° | 7682.0  | 7532.0  | 7404.0  | 7284.0  | 6550.1  | 3204.0 | 1220.0 | 654.0  | 542.0  | 504.0  | 474.0  |
| 55°   | 8342.0  | 8192.0  | 7988.0  | 7856.0  | 6978.0  | 2928.0 | 1046.0 | 576.0  | 488.0  | 464.0  | 434.0  |
| 57.5° | 10012.0 | 9880.0  | 9636.0  | 9294.0  | 8078.0  | 2824.0 | 948.0  | 516.0  | 444.0  | 430.1  | 406.0  |
| 60°   | 12928.0 | 12714.0 | 12396.0 | 12048.0 | 10314.0 | 2894.0 | 870.1  | 474.0  | 414.0  | 402.0  | 384.0  |
| 62.5° | 15128.0 | 14752.0 | 14392.0 | 14070.1 | 12102.0 | 2892.0 | 768.0  | 442.0  | 392.0  | 386.0  | 368.0  |
| 65°   | 15218.0 | 14836.0 | 14474.0 | 14136.0 | 12142.0 | 2574.0 | 648.0  | 414.0  | 388.0  | 386.0  | 356.0  |
| 67.5° | 14409.9 | 13996.0 | 13646.0 | 13220.0 | 11240.0 | 2012.0 | 520.0  | 396.0  | 404.0  | 400.0  | 352.0  |
| 70°   | 13089.9 | 12550.1 | 12262.0 | 11842.0 | 9892.0  | 1408.0 | 428.0  | 402.0  | 438.0  | 426.0  | 358.0  |
| 72.5° | 10274.0 | 9866.0  | 9428.0  | 9136.0  | 7744.0  | 889.9  | 360.0  | 406.0  | 452.0  | 432.0  | 374.0  |
| 75°   | 3824.0  | 3934.0  | 3754.0  | 3689.9  | 3934.0  | 522.0  | 320.0  | 378.0  | 404.0  | 374.0  | 340.0  |
| 77.5° | 772.0   | 738.0   | 700.0   | 692.0   | 894.0   | 322.0  | 294.0  | 328.0  | 310.1  | 274.0  | 276.0  |
| 80°   | 369.9   | 360.0   | 348.0   | 346.0   | 332.0   | 268.0  | 272.0  | 280.0  | 234.0  | 212.0  | 226.0  |
| 82.5° | 246.0   | 232.0   | 228.0   | 220.0   | 224.0   | 240.0  | 258.0  | 240.0  | 180.0  | 168.0  | 204.0  |
| 85°   | 114.0   | 110.1   | 108.0   | 108.0   | 120.0   | 216.0  | 214.0  | 176.0  | 124.0  | 120.0  | 204.0  |
| 87.5° | 28.0    | 28.0    | 30.1    | 28.0    | 32.0    | 64.0   | 56.0   | 54.0   | 46.0   | 52.0   | 96.0   |
| 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 NUMBER: VXS-E06-LED-E1-SL2

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|
| 0°    | 1908.0 | 1908.0 | 1908.0 |
| 2.5°  | 1922.0 | 1924.0 | 1922.0 |
| 5°    | 1940.0 | 1940.0 | 1940.0 |
| 7.5°  | 1940.0 | 1934.0 | 1932.0 |
| 10°   | 1912.0 | 1894.0 | 1894.0 |
| 12.5° | 1864.0 | 1834.0 | 1830.1 |
| 15°   | 1774.0 | 1734.0 | 1728.0 |
| 17.5° | 1660.0 | 1606.0 | 1596.0 |
| 20°   | 1532.0 | 1464.0 | 1452.0 |
| 22.5° | 1392.0 | 1314.0 | 1308.0 |
| 25°   | 1254.0 | 1174.0 | 1158.0 |
| 27.5° | 1100.0 | 1022.0 | 1014.0 |
| 30°   | 946.0  | 878.0  | 874.0  |
| 32.5° | 816.0  | 774.0  | 766.0  |
| 35°   | 724.0  | 700.0  | 689.9  |
| 37.5° | 664.0  | 646.0  | 644.0  |
| 40°   | 618.0  | 602.0  | 600.0  |
| 42.5° | 580.0  | 566.0  | 564.0  |
| 45°   | 542.0  | 529.9  | 526.0  |
| 47.5° | 504.0  | 492.0  | 489.9  |
| 50°   | 470.1  | 454.0  | 452.0  |
| 52.5° | 438.0  | 422.0  | 418.0  |
| 55°   | 408.0  | 392.0  | 392.0  |
| 57.5° | 382.0  | 366.0  | 364.0  |
| 60°   | 358.0  | 342.0  | 340.0  |
| 62.5° | 340.0  | 320.0  | 318.0  |
| 65°   | 326.0  | 306.0  | 302.0  |
| 67.5° | 318.0  | 294.0  | 288.0  |
| 70°   | 332.0  | 288.0  | 278.0  |
| 72.5° | 334.0  | 282.0  | 268.0  |
| 75°   | 322.0  | 266.0  | 256.0  |
| 77.5° | 282.0  | 238.0  | 228.0  |
| 80°   | 244.0  | 184.0  | 169.9  |
| 82.5° | 232.0  | 150.1  | 129.9  |
| 85°   | 180.0  | 98.0   | 92.0   |
| 87.5° | 102.0  | 54.0   | 44.0   |
| 90°   | 0.0    | 0.0    | 0.0    |

(END OF REPORT)