

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: P153330

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

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P153330  
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: VXS-E06-LED-E1-SLR  
Description: VISION SITE SMALL LED LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (126) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 16694.7 lumens  
Efficiency: N/A  
Efficacy: 110.9 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



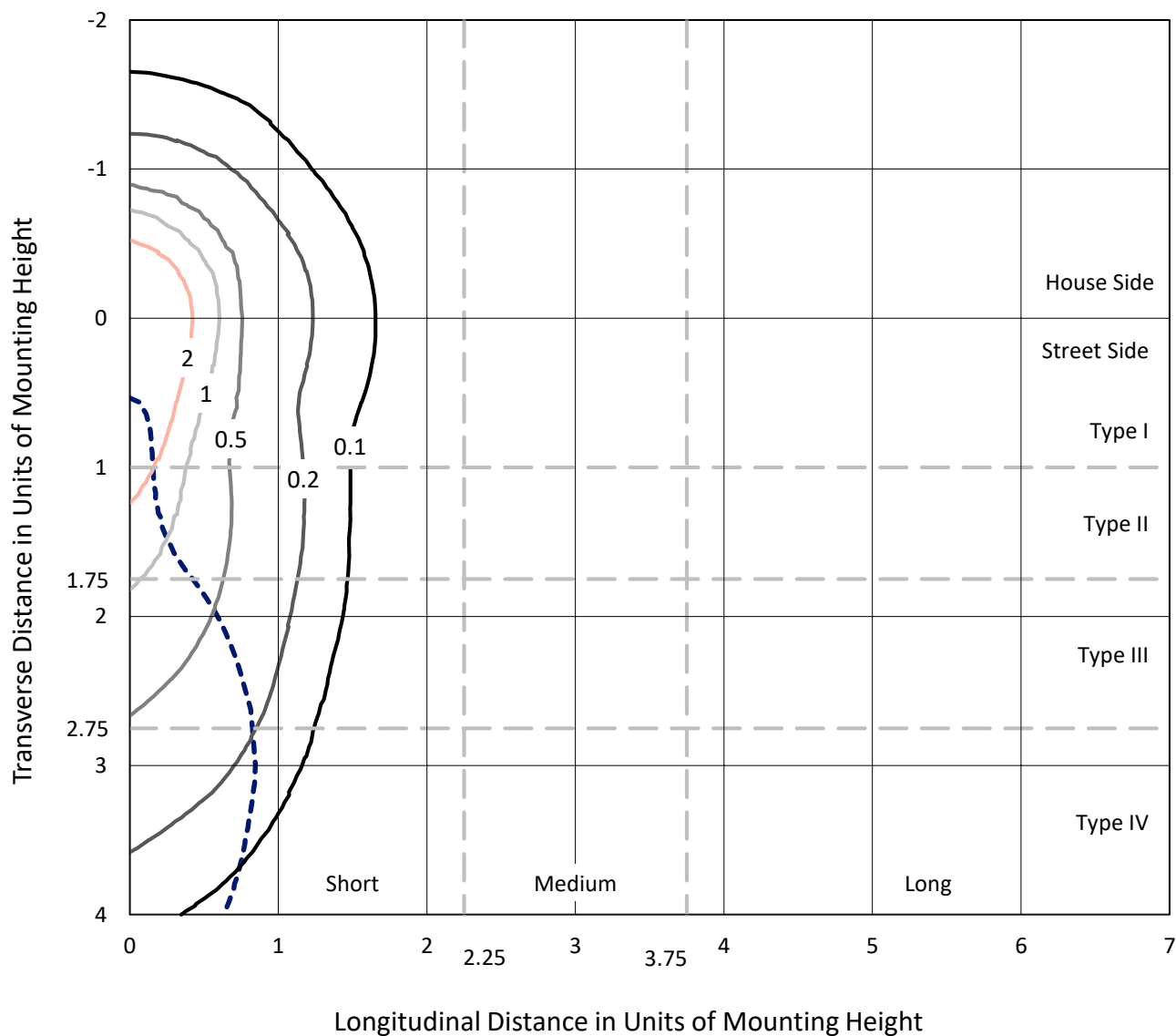
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CATALOG NUMBER: VXS-E06-LED-E1-SLR

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

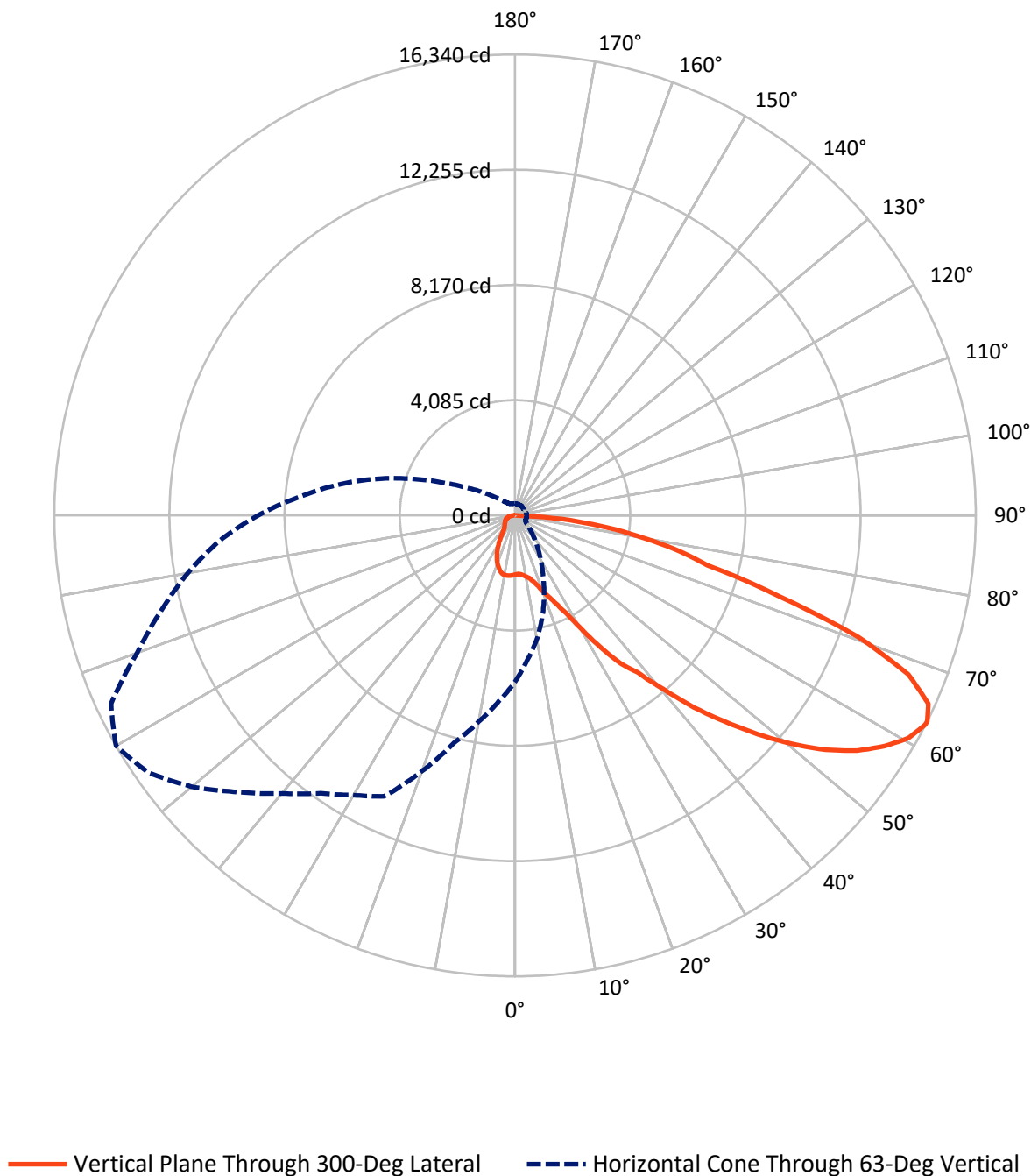


Based on 25 foot mounting height. Maximum calculated value = 4.2 fc  
 Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3620.2   | 0.0    | 3620.2  |
|                    | % Fixture | 21.7     | 0.0    | 21.7    |
| <b>Street Side</b> | Lumens    | 13074.5  | 0.0    | 13074.5 |
|                    | % Fixture | 78.3     | 0.0    | 78.3    |
| <b>Total</b>       | Lumens    | 16694.7  | 0.0    | 16694.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 204.2   | 1.2       |
| 10°-20°   | 636.1   | 3.8       |
| 20°-30°   | 1130.0  | 6.8       |
| 30°-40°   | 1779.4  | 10.7      |
| 40°-50°   | 2618.8  | 15.7      |
| 50°-60°   | 3478.5  | 20.8      |
| 60°-70°   | 3831.6  | 23.0      |
| 70°-80°   | 2403.9  | 14.4      |
| 80°-90°   | 612.3   | 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°    | 16694.7 | 100.0     |
| 0°-180°   | 16694.7 | 100.0     |

**Coefficient of Utilization**



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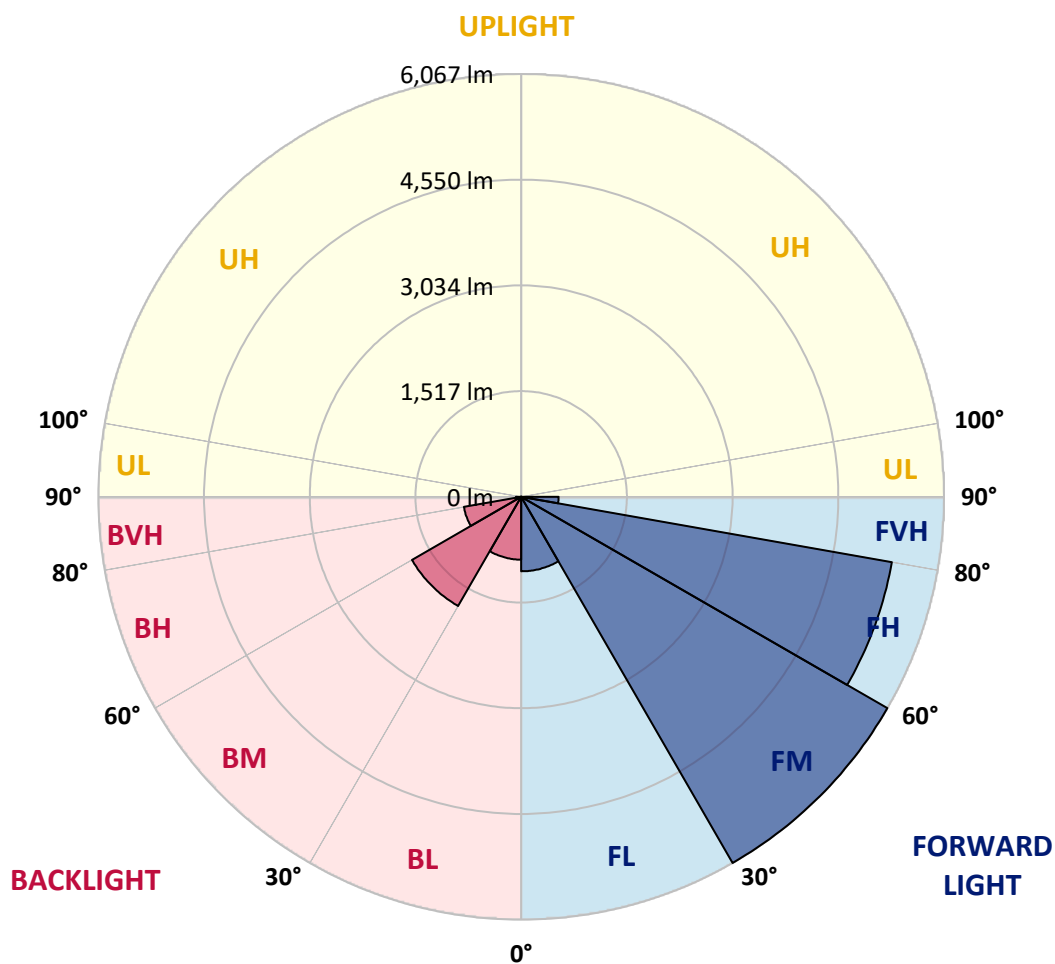
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1069.0 | 6.4       |                         |      |         |
| FM   | (30°-60°)   | 6067.3 | 36.3      |                         |      |         |
| FH   | (60°-80°)   | 5401.0 | 32.4      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 537.3  | 3.2       |                         |      | G4/750  |
| BL   | (0°-30°)    | 901.3  | 5.4       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1809.4 | 10.8      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 834.5  | 5.0       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 75.0   | 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°    | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 |
| 2.5°  | 2070.1 | 2076.0 | 2074.0 | 2074.0 | 2078.0 | 2076.0 | 2076.0 | 2078.0 | 2078.0 | 2084.0 | 2092.0 |
| 5°    | 2054.0 | 2052.0 | 2048.0 | 2052.0 | 2052.0 | 2052.0 | 2044.0 | 2049.9 | 2052.0 | 2056.0 | 2056.0 |
| 7.5°  | 2074.0 | 2068.0 | 2060.0 | 2062.0 | 2062.0 | 2058.0 | 2052.0 | 2054.0 | 2052.0 | 2052.0 | 2049.9 |
| 10°   | 2100.0 | 2086.0 | 2076.0 | 2076.0 | 2076.0 | 2072.0 | 2062.0 | 2068.0 | 2068.0 | 2066.0 | 2068.0 |
| 12.5° | 2146.0 | 2129.9 | 2118.0 | 2114.0 | 2114.0 | 2108.0 | 2100.0 | 2108.0 | 2104.0 | 2104.0 | 2100.0 |
| 15°   | 2222.0 | 2204.0 | 2190.1 | 2178.0 | 2180.0 | 2180.0 | 2169.9 | 2164.0 | 2156.0 | 2146.0 | 2126.0 |
| 17.5° | 2336.0 | 2316.0 | 2298.0 | 2288.0 | 2289.9 | 2276.0 | 2248.0 | 2220.0 | 2182.0 | 2144.0 | 2102.0 |
| 20°   | 2498.0 | 2492.0 | 2468.0 | 2458.0 | 2434.0 | 2400.0 | 2322.0 | 2256.0 | 2182.0 | 2110.1 | 2038.0 |
| 22.5° | 2778.0 | 2750.1 | 2726.0 | 2688.0 | 2608.0 | 2514.0 | 2384.0 | 2268.0 | 2152.0 | 2049.9 | 1954.0 |
| 25°   | 3154.0 | 3104.0 | 2986.0 | 2869.9 | 2706.0 | 2538.0 | 2362.0 | 2212.0 | 2068.0 | 1934.0 | 1816.0 |
| 27.5° | 3524.0 | 3372.0 | 3162.0 | 2952.0 | 2712.0 | 2492.0 | 2272.0 | 2094.0 | 1926.0 | 1780.0 | 1649.9 |
| 30°   | 3972.0 | 3716.0 | 3394.0 | 3062.0 | 2722.0 | 2426.0 | 2162.0 | 1954.0 | 1760.0 | 1606.0 | 1470.1 |
| 32.5° | 4392.0 | 4022.0 | 3600.0 | 3164.0 | 2744.0 | 2364.0 | 2036.0 | 1800.0 | 1600.0 | 1406.0 | 1272.0 |
| 35°   | 4680.0 | 4200.0 | 3688.0 | 3174.0 | 2689.9 | 2246.0 | 1878.0 | 1600.0 | 1400.0 | 1220.0 | 1062.0 |
| 37.5° | 4852.0 | 4278.0 | 3692.0 | 3102.0 | 2564.0 | 2086.0 | 1678.0 | 1402.0 | 1218.0 | 1046.0 | 922.0  |
| 40°   | 4960.0 | 4296.0 | 3640.0 | 2998.0 | 2404.0 | 1884.0 | 1478.0 | 1230.1 | 1062.0 | 924.0  | 828.0  |
| 42.5° | 5012.0 | 4268.0 | 3556.0 | 2866.0 | 2242.0 | 1704.0 | 1338.0 | 1104.0 | 958.0  | 860.0  | 788.0  |
| 45°   | 5020.0 | 4218.0 | 3466.0 | 2746.0 | 2098.0 | 1574.0 | 1242.0 | 1052.0 | 932.0  | 849.9  | 778.0  |
| 47.5° | 5020.0 | 4174.0 | 3394.0 | 2658.0 | 2004.0 | 1518.0 | 1234.0 | 1074.0 | 956.0  | 864.0  | 778.0  |
| 50°   | 5024.0 | 4160.0 | 3364.0 | 2614.0 | 1972.0 | 1548.0 | 1302.0 | 1142.0 | 1008.0 | 888.0  | 776.0  |
| 52.5° | 5042.0 | 4178.0 | 3388.0 | 2648.0 | 2030.1 | 1668.0 | 1430.1 | 1244.0 | 1076.0 | 916.0  | 776.0  |
| 55°   | 5082.0 | 4238.0 | 3489.9 | 2766.0 | 2186.0 | 1849.9 | 1584.0 | 1354.0 | 1129.9 | 928.0  | 764.0  |
| 57.5° | 5194.0 | 4389.9 | 3676.0 | 2994.0 | 2452.0 | 2060.0 | 1724.0 | 1432.0 | 1150.1 | 918.0  | 740.0  |
| 60°   | 5418.0 | 4692.0 | 3994.0 | 3314.0 | 2734.0 | 2240.0 | 1806.0 | 1444.0 | 1132.0 | 886.0  | 702.0  |
| 62.5° | 5776.0 | 5038.0 | 4380.0 | 3662.0 | 2984.0 | 2340.0 | 1816.0 | 1414.0 | 1084.0 | 828.0  | 646.0  |
| 63°   | 5900.0 | 5124.0 | 4462.0 | 3728.0 | 3016.0 | 2348.0 | 1808.0 | 1402.0 | 1072.0 | 812.0  | 638.0  |
| 65°   | 6246.0 | 5486.0 | 4746.0 | 3960.0 | 3106.0 | 2350.1 | 1764.0 | 1342.0 | 1016.0 | 750.1  | 582.0  |
| 67.5° | 6892.0 | 5962.0 | 5104.0 | 4142.0 | 3138.0 | 2286.0 | 1652.0 | 1230.1 | 898.0  | 654.0  | 512.0  |
| 70°   | 7300.0 | 6228.0 | 5242.0 | 4146.0 | 3044.0 | 2104.0 | 1458.0 | 1048.0 | 748.0  | 542.0  | 440.0  |
| 72.5° | 7194.0 | 5966.0 | 4878.0 | 3772.0 | 2638.0 | 1758.0 | 1172.0 | 824.0  | 584.0  | 434.0  | 366.0  |
| 75°   | 6162.0 | 4966.0 | 3980.0 | 2922.0 | 1994.0 | 1292.0 | 858.0  | 588.0  | 432.0  | 340.0  | 306.0  |
| 77.5° | 4436.0 | 3574.0 | 2854.0 | 2082.0 | 1344.0 | 836.0  | 569.9  | 420.0  | 328.0  | 280.0  | 252.0  |
| 80°   | 2826.0 | 2096.0 | 1746.0 | 1252.0 | 786.0  | 518.0  | 392.0  | 318.0  | 270.1  | 234.0  | 216.0  |
| 82.5° | 1476.0 | 1034.0 | 840.0  | 640.0  | 436.0  | 342.0  | 288.0  | 260.0  | 222.0  | 194.0  | 184.0  |
| 85°   | 920.0  | 609.9  | 452.0  | 316.0  | 218.0  | 196.0  | 180.0  | 176.0  | 158.0  | 140.0  | 134.0  |
| 87.5° | 104.0  | 94.0   | 98.0   | 62.0   | 46.0   | 49.9   | 48.0   | 64.0   | 62.0   | 46.0   | 48.0   |
| 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°    | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 |
| 2.5°  | 2084.0 | 2088.0 | 2088.0 | 2094.0 | 2094.0 | 2098.0 | 2102.0 | 2102.0 | 2106.0 | 2108.0 | 2112.0 |
| 5°    | 2060.0 | 2060.0 | 2060.0 | 2068.0 | 2070.1 | 2082.0 | 2086.0 | 2089.9 | 2094.0 | 2108.0 | 2116.0 |
| 7.5°  | 2054.0 | 2046.0 | 2049.9 | 2049.9 | 2056.0 | 2066.0 | 2076.0 | 2082.0 | 2088.0 | 2106.0 | 2118.0 |
| 10°   | 2066.0 | 2060.0 | 2054.0 | 2054.0 | 2056.0 | 2060.0 | 2068.0 | 2074.0 | 2078.0 | 2096.0 | 2106.0 |
| 12.5° | 2098.0 | 2084.0 | 2072.0 | 2062.0 | 2054.0 | 2052.0 | 2048.0 | 2049.9 | 2054.0 | 2064.0 | 2078.0 |
| 15°   | 2104.0 | 2078.0 | 2052.0 | 2026.0 | 2006.0 | 1994.0 | 1984.0 | 1980.0 | 1980.0 | 1986.0 | 2002.0 |
| 17.5° | 2064.0 | 2020.0 | 1982.0 | 1948.0 | 1926.0 | 1904.0 | 1894.0 | 1886.0 | 1882.0 | 1889.9 | 1892.0 |
| 20°   | 1978.0 | 1926.0 | 1874.0 | 1834.0 | 1794.0 | 1788.0 | 1772.0 | 1776.0 | 1780.0 | 1792.0 | 1798.0 |
| 22.5° | 1860.0 | 1798.0 | 1734.0 | 1692.0 | 1660.0 | 1632.0 | 1614.0 | 1622.0 | 1628.0 | 1640.0 | 1646.0 |
| 25°   | 1716.0 | 1626.0 | 1558.0 | 1516.0 | 1482.0 | 1458.0 | 1438.0 | 1446.0 | 1438.0 | 1452.0 | 1474.0 |
| 27.5° | 1546.0 | 1440.0 | 1368.0 | 1320.0 | 1296.0 | 1276.0 | 1256.0 | 1256.0 | 1276.0 | 1276.0 | 1294.0 |
| 30°   | 1340.0 | 1262.0 | 1168.0 | 1118.0 | 1088.0 | 1076.0 | 1074.0 | 1070.1 | 1084.0 | 1092.0 | 1112.0 |
| 32.5° | 1146.0 | 1049.9 | 960.0  | 912.0  | 886.0  | 872.0  | 874.0  | 876.0  | 882.0  | 894.0  | 926.0  |
| 35°   | 950.1  | 866.0  | 802.0  | 748.0  | 722.0  | 696.0  | 696.0  | 692.0  | 698.0  | 712.0  | 750.1  |
| 37.5° | 824.0  | 750.1  | 700.0  | 658.0  | 632.0  | 616.0  | 602.0  | 596.0  | 596.0  | 602.0  | 616.0  |
| 40°   | 754.0  | 700.0  | 654.0  | 618.0  | 594.0  | 580.0  | 572.0  | 566.0  | 562.0  | 562.0  | 564.0  |
| 42.5° | 722.0  | 666.0  | 620.0  | 588.0  | 569.9  | 562.0  | 560.0  | 558.0  | 552.0  | 550.1  | 548.0  |
| 45°   | 706.0  | 642.0  | 590.1  | 564.0  | 550.1  | 546.0  | 548.0  | 548.0  | 546.0  | 542.0  | 534.0  |
| 47.5° | 694.0  | 620.0  | 568.0  | 544.0  | 538.0  | 538.0  | 538.0  | 538.0  | 536.0  | 534.0  | 528.0  |
| 50°   | 674.0  | 586.0  | 529.9  | 512.0  | 508.0  | 508.0  | 510.1  | 510.1  | 514.0  | 510.1  | 506.0  |
| 52.5° | 652.0  | 554.0  | 498.0  | 482.0  | 480.0  | 478.0  | 478.0  | 478.0  | 480.0  | 480.0  | 478.0  |
| 55°   | 628.0  | 529.9  | 482.0  | 470.1  | 472.0  | 470.1  | 468.0  | 466.0  | 466.0  | 464.0  | 460.0  |
| 57.5° | 604.0  | 510.1  | 470.1  | 462.0  | 464.0  | 464.0  | 460.0  | 456.0  | 454.0  | 448.0  | 444.0  |
| 60°   | 568.0  | 482.0  | 446.0  | 442.0  | 448.0  | 448.0  | 448.0  | 446.0  | 446.0  | 444.0  | 434.0  |
| 62.5° | 520.0  | 442.0  | 414.0  | 416.0  | 418.0  | 422.0  | 422.0  | 422.0  | 422.0  | 418.0  | 408.0  |
| 63°   | 510.1  | 434.0  | 408.0  | 408.0  | 414.0  | 414.0  | 416.0  | 414.0  | 416.0  | 412.0  | 400.0  |
| 65°   | 470.1  | 408.0  | 388.0  | 389.9  | 394.0  | 394.0  | 394.0  | 392.0  | 392.0  | 386.0  | 380.0  |
| 67.5° | 424.0  | 376.0  | 364.0  | 366.0  | 368.0  | 372.0  | 369.9  | 369.9  | 372.0  | 368.0  | 362.0  |
| 70°   | 372.0  | 342.0  | 334.0  | 336.0  | 338.0  | 338.0  | 336.0  | 336.0  | 338.0  | 334.0  | 328.0  |
| 72.5° | 332.0  | 320.0  | 314.0  | 314.0  | 310.1  | 310.1  | 306.0  | 304.0  | 302.0  | 302.0  | 296.0  |
| 75°   | 280.0  | 278.0  | 280.0  | 284.0  | 280.0  | 276.0  | 274.0  | 268.0  | 264.0  | 264.0  | 262.0  |
| 77.5° | 240.0  | 240.0  | 244.0  | 249.9  | 252.0  | 252.0  | 246.0  | 236.0  | 234.0  | 234.0  | 234.0  |
| 80°   | 208.0  | 204.0  | 204.0  | 209.9  | 216.0  | 214.0  | 204.0  | 194.0  | 194.0  | 204.0  | 206.0  |
| 82.5° | 182.0  | 182.0  | 176.0  | 178.0  | 176.0  | 174.0  | 164.0  | 158.0  | 156.0  | 164.0  | 172.0  |
| 85°   | 144.0  | 146.0  | 144.0  | 142.0  | 140.0  | 134.0  | 126.0  | 120.0  | 118.0  | 126.0  | 138.0  |
| 87.5° | 58.0   | 56.0   | 54.0   | 56.0   | 54.0   | 58.0   | 56.0   | 52.0   | 49.9   | 56.0   | 68.0   |
| 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°    | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 |
| 2.5°  | 2114.0 | 2118.0 | 2122.0 | 2122.0 | 2126.0 | 2124.0 | 2126.0 | 2128.0 | 2128.0 | 2129.9 | 2129.9 |
| 5°    | 2126.0 | 2132.0 | 2140.0 | 2148.0 | 2150.1 | 2156.0 | 2162.0 | 2158.0 | 2164.0 | 2172.0 | 2172.0 |
| 7.5°  | 2129.9 | 2144.0 | 2150.1 | 2162.0 | 2164.0 | 2172.0 | 2186.0 | 2176.0 | 2188.0 | 2194.0 | 2196.0 |
| 10°   | 2124.0 | 2138.0 | 2148.0 | 2162.0 | 2168.0 | 2182.0 | 2196.0 | 2192.0 | 2206.0 | 2216.0 | 2218.0 |
| 12.5° | 2088.0 | 2102.0 | 2124.0 | 2144.0 | 2160.0 | 2182.0 | 2208.0 | 2200.0 | 2220.0 | 2232.0 | 2238.0 |
| 15°   | 2018.0 | 2032.0 | 2056.0 | 2088.0 | 2118.0 | 2152.0 | 2186.0 | 2192.0 | 2212.0 | 2226.0 | 2232.0 |
| 17.5° | 1908.0 | 1926.0 | 1952.0 | 1986.0 | 2024.0 | 2082.0 | 2126.0 | 2148.0 | 2176.0 | 2184.0 | 2194.0 |
| 20°   | 1806.0 | 1824.0 | 1840.0 | 1860.0 | 1888.0 | 1944.0 | 2002.0 | 2046.0 | 2082.0 | 2112.0 | 2120.0 |
| 22.5° | 1670.1 | 1686.0 | 1706.0 | 1722.0 | 1742.0 | 1782.0 | 1830.1 | 1880.0 | 1936.0 | 1954.0 | 1974.0 |
| 25°   | 1506.0 | 1516.0 | 1544.0 | 1554.0 | 1568.0 | 1602.0 | 1640.0 | 1676.0 | 1729.9 | 1768.0 | 1778.0 |
| 27.5° | 1329.9 | 1340.0 | 1366.0 | 1372.0 | 1390.1 | 1422.0 | 1449.9 | 1464.0 | 1514.0 | 1554.0 | 1586.0 |
| 30°   | 1126.0 | 1152.0 | 1184.0 | 1188.0 | 1208.0 | 1228.0 | 1254.0 | 1268.0 | 1314.0 | 1356.0 | 1396.0 |
| 32.5° | 950.1  | 976.0  | 1002.0 | 1018.0 | 1028.0 | 1044.0 | 1070.1 | 1084.0 | 1128.0 | 1166.0 | 1206.0 |
| 35°   | 769.9  | 802.0  | 829.9  | 852.0  | 860.0  | 880.0  | 900.0  | 914.0  | 960.0  | 994.0  | 1022.0 |
| 37.5° | 634.0  | 658.0  | 688.0  | 710.1  | 732.0  | 746.0  | 769.9  | 790.1  | 818.0  | 836.0  | 866.0  |
| 40°   | 568.0  | 580.0  | 596.0  | 614.0  | 632.0  | 648.0  | 666.0  | 682.0  | 700.0  | 724.0  | 744.0  |
| 42.5° | 546.0  | 548.0  | 548.0  | 554.0  | 564.0  | 572.0  | 588.0  | 600.0  | 612.0  | 629.9  | 640.0  |
| 45°   | 529.9  | 528.0  | 524.0  | 520.0  | 522.0  | 526.0  | 536.0  | 544.0  | 558.0  | 566.0  | 568.0  |
| 47.5° | 522.0  | 514.0  | 506.0  | 500.0  | 498.0  | 500.0  | 508.0  | 516.0  | 524.0  | 529.9  | 532.0  |
| 50°   | 496.0  | 489.9  | 478.0  | 470.1  | 466.0  | 470.1  | 480.0  | 484.0  | 492.0  | 498.0  | 500.0  |
| 52.5° | 470.1  | 462.0  | 454.0  | 446.0  | 446.0  | 448.0  | 456.0  | 464.0  | 472.0  | 474.0  | 478.0  |
| 55°   | 454.0  | 442.0  | 434.0  | 428.0  | 424.0  | 430.1  | 436.0  | 446.0  | 456.0  | 458.0  | 462.0  |
| 57.5° | 438.0  | 426.0  | 418.0  | 412.0  | 408.0  | 414.0  | 420.0  | 434.0  | 446.0  | 446.0  | 446.0  |
| 60°   | 428.0  | 418.0  | 406.0  | 400.0  | 394.0  | 400.0  | 408.0  | 422.0  | 434.0  | 432.0  | 430.1  |
| 62.5° | 400.0  | 389.9  | 384.0  | 384.0  | 378.0  | 388.0  | 396.0  | 412.0  | 414.0  | 409.9  | 406.0  |
| 63°   | 392.0  | 384.0  | 380.0  | 380.0  | 376.0  | 386.0  | 394.0  | 408.0  | 408.0  | 404.0  | 400.0  |
| 65°   | 372.0  | 366.0  | 362.0  | 366.0  | 366.0  | 376.0  | 378.0  | 388.0  | 386.0  | 380.0  | 378.0  |
| 67.5° | 356.0  | 352.0  | 348.0  | 348.0  | 348.0  | 350.1  | 352.0  | 356.0  | 354.0  | 352.0  | 354.0  |
| 70°   | 329.9  | 328.0  | 324.0  | 324.0  | 322.0  | 322.0  | 322.0  | 324.0  | 324.0  | 326.0  | 328.0  |
| 72.5° | 298.0  | 294.0  | 294.0  | 296.0  | 292.0  | 294.0  | 296.0  | 294.0  | 298.0  | 298.0  | 300.0  |
| 75°   | 262.0  | 260.0  | 264.0  | 268.0  | 266.0  | 266.0  | 268.0  | 268.0  | 270.1  | 270.1  | 272.0  |
| 77.5° | 234.0  | 236.0  | 238.0  | 242.0  | 244.0  | 244.0  | 244.0  | 242.0  | 244.0  | 244.0  | 246.0  |
| 80°   | 208.0  | 212.0  | 216.0  | 220.0  | 222.0  | 222.0  | 222.0  | 220.0  | 220.0  | 220.0  | 220.0  |
| 82.5° | 188.0  | 194.0  | 198.0  | 200.0  | 200.0  | 200.0  | 200.0  | 200.0  | 200.0  | 196.0  | 192.0  |
| 85°   | 158.0  | 169.9  | 169.9  | 172.0  | 166.0  | 162.0  | 158.0  | 160.0  | 162.0  | 154.0  | 152.0  |
| 87.5° | 80.0   | 80.0   | 84.0   | 88.0   | 89.9   | 89.9   | 102.0  | 96.0   | 94.0   | 92.0   | 88.0   |
| 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):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 |
| 2.5°  | 2132.0 | 2129.9 | 2134.0 | 2129.9 | 2132.0 | 2134.0 | 2129.9 | 2136.0 | 2140.0 | 2134.0 | 2128.0 |
| 5°    | 2176.0 | 2176.0 | 2186.0 | 2190.1 | 2192.0 | 2204.0 | 2198.0 | 2202.0 | 2206.0 | 2204.0 | 2206.0 |
| 7.5°  | 2204.0 | 2212.0 | 2222.0 | 2232.0 | 2234.0 | 2244.0 | 2242.0 | 2248.0 | 2252.0 | 2262.0 | 2262.0 |
| 10°   | 2228.0 | 2238.0 | 2252.0 | 2262.0 | 2272.0 | 2280.0 | 2284.0 | 2296.0 | 2298.0 | 2306.0 | 2306.0 |
| 12.5° | 2249.9 | 2262.0 | 2276.0 | 2292.0 | 2302.0 | 2318.0 | 2320.0 | 2338.0 | 2344.0 | 2346.0 | 2340.0 |
| 15°   | 2246.0 | 2260.0 | 2276.0 | 2294.0 | 2312.0 | 2332.0 | 2344.0 | 2362.0 | 2372.0 | 2376.0 | 2366.0 |
| 17.5° | 2208.0 | 2220.0 | 2240.0 | 2264.0 | 2286.0 | 2312.0 | 2334.0 | 2360.0 | 2376.0 | 2380.0 | 2378.0 |
| 20°   | 2134.0 | 2142.0 | 2168.0 | 2200.0 | 2226.0 | 2266.0 | 2298.0 | 2338.0 | 2364.0 | 2384.0 | 2390.1 |
| 22.5° | 1988.0 | 2008.0 | 2034.0 | 2070.1 | 2108.0 | 2158.0 | 2204.0 | 2262.0 | 2318.0 | 2366.0 | 2414.0 |
| 25°   | 1812.0 | 1848.0 | 1888.0 | 1936.0 | 1982.0 | 2034.0 | 2086.0 | 2152.0 | 2234.0 | 2334.0 | 2448.0 |
| 27.5° | 1634.0 | 1696.0 | 1746.0 | 1808.0 | 1862.0 | 1914.0 | 1972.0 | 2044.0 | 2134.0 | 2254.0 | 2400.0 |
| 30°   | 1454.0 | 1524.0 | 1578.0 | 1649.9 | 1722.0 | 1792.0 | 1849.9 | 1926.0 | 2014.0 | 2136.0 | 2296.0 |
| 32.5° | 1262.0 | 1332.0 | 1396.0 | 1462.0 | 1542.0 | 1626.0 | 1696.0 | 1790.1 | 1884.0 | 2009.9 | 2172.0 |
| 35°   | 1064.0 | 1126.0 | 1180.0 | 1249.9 | 1338.0 | 1428.0 | 1520.0 | 1628.0 | 1729.9 | 1862.0 | 2034.0 |
| 37.5° | 892.0  | 936.0  | 988.0  | 1049.9 | 1118.0 | 1214.0 | 1318.0 | 1446.0 | 1562.0 | 1706.0 | 1882.0 |
| 40°   | 750.1  | 774.0  | 804.0  | 856.0  | 918.0  | 1012.0 | 1114.0 | 1249.9 | 1390.1 | 1548.0 | 1718.0 |
| 42.5° | 640.0  | 652.0  | 660.0  | 694.0  | 744.0  | 836.0  | 934.0  | 1066.0 | 1220.0 | 1392.0 | 1564.0 |
| 45°   | 568.0  | 574.0  | 576.0  | 594.0  | 629.9  | 710.1  | 812.0  | 924.0  | 1072.0 | 1240.0 | 1420.0 |
| 47.5° | 534.0  | 540.0  | 544.0  | 548.0  | 569.9  | 632.0  | 724.0  | 829.9  | 966.0  | 1120.0 | 1304.0 |
| 50°   | 506.0  | 512.0  | 518.0  | 516.0  | 526.0  | 566.0  | 644.0  | 742.0  | 870.1  | 1012.0 | 1194.0 |
| 52.5° | 478.0  | 482.0  | 482.0  | 482.0  | 488.0  | 514.0  | 569.9  | 660.0  | 778.0  | 912.0  | 1092.0 |
| 55°   | 462.0  | 466.0  | 468.0  | 470.1  | 472.0  | 486.0  | 528.0  | 600.0  | 702.0  | 826.0  | 988.0  |
| 57.5° | 446.0  | 448.0  | 452.0  | 454.0  | 458.0  | 466.0  | 492.0  | 544.0  | 629.9  | 734.0  | 870.1  |
| 60°   | 432.0  | 436.0  | 444.0  | 446.0  | 449.9  | 452.0  | 464.0  | 496.0  | 552.0  | 632.0  | 742.0  |
| 62.5° | 409.9  | 416.0  | 424.0  | 426.0  | 430.1  | 432.0  | 434.0  | 452.0  | 478.0  | 526.0  | 608.0  |
| 63°   | 404.0  | 409.9  | 420.0  | 422.0  | 424.0  | 424.0  | 426.0  | 438.0  | 462.0  | 504.0  | 564.0  |
| 65°   | 382.0  | 389.9  | 396.0  | 398.0  | 400.0  | 400.0  | 398.0  | 402.0  | 404.0  | 422.0  | 458.0  |
| 67.5° | 358.0  | 364.0  | 368.0  | 369.9  | 368.0  | 369.9  | 368.0  | 364.0  | 360.0  | 364.0  | 380.0  |
| 70°   | 334.0  | 338.0  | 338.0  | 340.0  | 342.0  | 344.0  | 340.0  | 336.0  | 332.0  | 329.9  | 340.0  |
| 72.5° | 306.0  | 310.1  | 310.1  | 312.0  | 312.0  | 316.0  | 316.0  | 314.0  | 314.0  | 316.0  | 318.0  |
| 75°   | 278.0  | 282.0  | 280.0  | 284.0  | 284.0  | 289.9  | 289.9  | 292.0  | 296.0  | 294.0  | 292.0  |
| 77.5° | 252.0  | 254.0  | 254.0  | 256.0  | 258.0  | 268.0  | 274.0  | 276.0  | 276.0  | 272.0  | 268.0  |
| 80°   | 224.0  | 224.0  | 220.0  | 218.0  | 220.0  | 230.1  | 242.0  | 244.0  | 249.9  | 248.0  | 249.9  |
| 82.5° | 188.0  | 180.0  | 174.0  | 174.0  | 178.0  | 184.0  | 188.0  | 192.0  | 196.0  | 196.0  | 200.0  |
| 85°   | 144.0  | 136.0  | 129.9  | 132.0  | 138.0  | 140.0  | 138.0  | 138.0  | 146.0  | 152.0  | 146.0  |
| 87.5° | 86.0   | 78.0   | 74.0   | 68.0   | 70.1   | 76.0   | 74.0   | 68.0   | 70.1   | 56.0   | 52.0   |
| 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):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 | 2098.0 |
| 2.5°  | 2132.0 | 2129.9 | 2126.0 | 2120.0 | 2118.0 | 2114.0 | 2116.0 | 2110.1 | 2106.0 | 2102.0 | 2096.0 |
| 5°    | 2206.0 | 2206.0 | 2194.0 | 2194.0 | 2188.0 | 2186.0 | 2172.0 | 2166.0 | 2154.0 | 2158.0 | 2144.0 |
| 7.5°  | 2258.0 | 2264.0 | 2249.9 | 2248.0 | 2240.0 | 2238.0 | 2220.0 | 2214.0 | 2204.0 | 2200.0 | 2188.0 |
| 10°   | 2296.0 | 2296.0 | 2278.0 | 2264.0 | 2254.0 | 2244.0 | 2226.0 | 2218.0 | 2209.9 | 2212.0 | 2204.0 |
| 12.5° | 2326.0 | 2312.0 | 2286.0 | 2266.0 | 2252.0 | 2242.0 | 2228.0 | 2222.0 | 2220.0 | 2234.0 | 2236.0 |
| 15°   | 2350.1 | 2329.9 | 2298.0 | 2284.0 | 2272.0 | 2269.9 | 2269.9 | 2276.0 | 2289.9 | 2316.0 | 2336.0 |
| 17.5° | 2364.0 | 2352.0 | 2336.0 | 2332.0 | 2352.0 | 2364.0 | 2380.0 | 2398.0 | 2418.0 | 2454.0 | 2476.0 |
| 20°   | 2390.1 | 2398.0 | 2409.9 | 2426.0 | 2458.0 | 2488.0 | 2508.0 | 2534.0 | 2558.0 | 2602.0 | 2638.0 |
| 22.5° | 2458.0 | 2504.0 | 2542.0 | 2574.0 | 2622.0 | 2664.0 | 2689.9 | 2726.0 | 2744.0 | 2774.0 | 2830.1 |
| 25°   | 2546.0 | 2640.0 | 2720.0 | 2788.0 | 2862.0 | 2906.0 | 2942.0 | 2988.0 | 3016.0 | 3066.0 | 3116.0 |
| 27.5° | 2520.0 | 2654.0 | 2774.0 | 2900.0 | 3002.0 | 3116.0 | 3196.0 | 3272.0 | 3320.0 | 3394.0 | 3460.0 |
| 30°   | 2440.0 | 2600.0 | 2762.0 | 2928.0 | 3089.9 | 3254.0 | 3406.0 | 3544.0 | 3649.9 | 3756.0 | 3864.0 |
| 32.5° | 2332.0 | 2516.0 | 2714.0 | 2918.0 | 3129.9 | 3358.0 | 3568.0 | 3776.0 | 3952.0 | 4106.0 | 4256.0 |
| 35°   | 2208.0 | 2416.0 | 2622.0 | 2874.0 | 3136.0 | 3426.0 | 3718.0 | 4006.0 | 4274.0 | 4546.0 | 4729.9 |
| 37.5° | 2060.0 | 2272.0 | 2502.0 | 2792.0 | 3100.0 | 3458.0 | 3830.1 | 4206.0 | 4586.0 | 4952.0 | 5270.1 |
| 40°   | 1902.0 | 2118.0 | 2360.0 | 2674.0 | 3022.0 | 3438.0 | 3902.0 | 4408.0 | 4929.9 | 5460.0 | 5882.0 |
| 42.5° | 1762.0 | 1984.0 | 2248.0 | 2566.0 | 2944.0 | 3412.0 | 3960.0 | 4582.0 | 5220.0 | 5876.0 | 6496.0 |
| 45°   | 1626.0 | 1870.1 | 2148.0 | 2489.9 | 2910.1 | 3432.0 | 4046.0 | 4744.0 | 5480.0 | 6276.0 | 7032.0 |
| 47.5° | 1504.0 | 1752.0 | 2022.0 | 2396.0 | 2860.0 | 3442.0 | 4129.9 | 4906.0 | 5726.0 | 6588.0 | 7486.0 |
| 50°   | 1394.0 | 1634.0 | 1900.0 | 2276.0 | 2782.0 | 3436.0 | 4206.0 | 5052.0 | 5938.0 | 6834.0 | 7836.0 |
| 52.5° | 1286.0 | 1529.9 | 1802.0 | 2160.0 | 2686.0 | 3402.0 | 4242.0 | 5172.0 | 6134.0 | 7082.0 | 8118.0 |
| 55°   | 1180.0 | 1420.0 | 1694.0 | 2049.9 | 2560.0 | 3314.0 | 4238.0 | 5249.9 | 6289.9 | 7316.0 | 8390.1 |
| 57.5° | 1056.0 | 1284.0 | 1552.0 | 1928.0 | 2426.0 | 3178.0 | 4178.0 | 5286.0 | 6424.0 | 7548.0 | 8716.0 |
| 60°   | 902.0  | 1116.0 | 1374.0 | 1750.1 | 2249.9 | 3004.0 | 4052.0 | 5266.0 | 6502.0 | 7720.0 | 8994.0 |
| 62.5° | 712.0  | 898.0  | 1134.0 | 1502.0 | 2030.1 | 2754.0 | 3816.0 | 5084.0 | 6378.0 | 7696.0 | 9124.0 |
| 63°   | 672.0  | 848.0  | 1078.0 | 1442.0 | 1936.0 | 2686.0 | 3746.0 | 5012.0 | 6318.0 | 7646.0 | 9106.0 |
| 65°   | 540.0  | 654.0  | 838.0  | 1164.0 | 1620.0 | 2352.0 | 3398.0 | 4642.0 | 5996.0 | 7294.0 | 8846.0 |
| 67.5° | 414.0  | 472.0  | 569.9  | 798.0  | 1146.0 | 1849.9 | 2752.0 | 3934.0 | 5204.0 | 6424.0 | 8008.0 |
| 70°   | 354.0  | 380.0  | 422.0  | 529.9  | 728.0  | 1168.0 | 1932.0 | 2934.0 | 4034.0 | 5092.0 | 6516.0 |
| 72.5° | 322.0  | 334.0  | 356.0  | 402.0  | 500.0  | 700.0  | 1232.0 | 1910.1 | 2744.0 | 3630.1 | 4729.9 |
| 75°   | 296.0  | 306.0  | 324.0  | 348.0  | 384.0  | 466.0  | 702.0  | 1168.0 | 1784.0 | 2384.0 | 3192.0 |
| 77.5° | 270.1  | 276.0  | 296.0  | 318.0  | 342.0  | 384.0  | 464.0  | 672.0  | 1026.0 | 1406.0 | 1924.0 |
| 80°   | 248.0  | 244.0  | 258.0  | 294.0  | 318.0  | 342.0  | 366.0  | 436.0  | 584.0  | 769.9  | 1040.0 |
| 82.5° | 198.0  | 202.0  | 214.0  | 249.9  | 260.0  | 254.0  | 258.0  | 270.1  | 326.0  | 356.0  | 532.0  |
| 85°   | 134.0  | 124.0  | 122.0  | 126.0  | 126.0  | 120.0  | 120.0  | 118.0  | 129.9  | 148.0  | 254.0  |
| 87.5° | 36.0   | 18.0   | 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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REPORT N  
CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |       |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 0°    | 2098.0  | 2098.0  | 2098.0  | 2098.0  | 2098.0  | 2098.0  | 2098.0  | 2098.0  | 2098.0  | 2098.0  | 2098.0  | 0°    |
| 2.5°  | 2092.0  | 2089.9  | 2092.0  | 2082.0  | 2082.0  | 2080.0  | 2078.0  | 2074.0  | 2074.0  | 2066.0  | 2072.0  | 2.5°  |
| 5°    | 2132.0  | 2128.0  | 2120.0  | 2108.0  | 2102.0  | 2094.0  | 2094.0  | 2086.0  | 2080.0  | 2072.0  | 2074.0  | 5°    |
| 7.5°  | 2178.0  | 2180.0  | 2166.0  | 2156.0  | 2152.0  | 2144.0  | 2146.0  | 2134.0  | 2136.0  | 2129.9  | 2126.0  | 7.5°  |
| 10°   | 2204.0  | 2204.0  | 2208.0  | 2206.0  | 2209.9  | 2209.9  | 2216.0  | 2208.0  | 2204.0  | 2198.0  | 2198.0  | 10°   |
| 12.5° | 2246.0  | 2254.0  | 2269.9  | 2269.9  | 2282.0  | 2286.0  | 2288.0  | 2292.0  | 2284.0  | 2280.0  | 2266.0  | 12.5° |
| 15°   | 2350.1  | 2369.9  | 2384.0  | 2404.0  | 2428.0  | 2436.0  | 2436.0  | 2428.0  | 2424.0  | 2418.0  | 2392.0  | 15°   |
| 17.5° | 2522.0  | 2566.0  | 2578.0  | 2609.9  | 2614.0  | 2624.0  | 2652.0  | 2636.0  | 2626.0  | 2584.0  | 2576.0  | 17.5° |
| 20°   | 2698.0  | 2754.0  | 2809.9  | 2849.9  | 2869.9  | 2910.1  | 2916.0  | 2908.0  | 2868.0  | 2828.0  | 2809.9  | 20°   |
| 22.5° | 2910.1  | 2994.0  | 3058.0  | 3120.0  | 3150.1  | 3169.9  | 3214.0  | 3204.0  | 3172.0  | 3112.0  | 3088.0  | 22.5° |
| 25°   | 3209.9  | 3314.0  | 3382.0  | 3458.0  | 3498.0  | 3518.0  | 3562.0  | 3562.0  | 3528.0  | 3510.1  | 3508.0  | 25°   |
| 27.5° | 3588.0  | 3716.0  | 3828.0  | 3854.0  | 3958.0  | 3982.0  | 4024.0  | 4024.0  | 3992.0  | 3969.9  | 4076.0  | 27.5° |
| 30°   | 4008.0  | 4142.0  | 4336.0  | 4466.0  | 4592.0  | 4716.0  | 4714.0  | 4722.0  | 4760.0  | 4780.0  | 4826.0  | 30°   |
| 32.5° | 4428.0  | 4594.0  | 4800.0  | 5082.0  | 5352.0  | 5582.0  | 5880.0  | 6070.1  | 6012.0  | 5849.9  | 5786.0  | 32.5° |
| 35°   | 4938.0  | 5122.0  | 5372.0  | 5656.0  | 6150.1  | 6448.0  | 6592.0  | 6694.0  | 6706.0  | 6728.0  | 6774.0  | 35°   |
| 37.5° | 5506.0  | 5814.0  | 6104.0  | 6426.0  | 6700.0  | 7062.0  | 7396.0  | 7664.0  | 7726.0  | 7852.0  | 7780.0  | 37.5° |
| 40°   | 6224.0  | 6568.0  | 6872.0  | 7288.0  | 7656.0  | 8092.0  | 8569.9  | 8938.0  | 9086.0  | 9038.0  | 8678.0  | 40°   |
| 42.5° | 6976.0  | 7402.0  | 7758.0  | 8248.0  | 8726.0  | 9302.0  | 9796.0  | 10310.1 | 10402.0 | 10032.0 | 9494.0  | 42.5° |
| 45°   | 7668.0  | 8196.0  | 8638.0  | 9148.0  | 9732.0  | 10422.0 | 11082.0 | 11609.9 | 11592.0 | 10958.0 | 10238.0 | 45°   |
| 47.5° | 8289.9  | 8938.0  | 9478.0  | 10142.0 | 10769.9 | 11592.0 | 12350.1 | 12740.0 | 12510.1 | 11760.0 | 10878.0 | 47.5° |
| 50°   | 8804.0  | 9612.0  | 10278.0 | 10950.1 | 11748.0 | 12738.0 | 13468.0 | 13688.0 | 13244.0 | 12428.0 | 11500.0 | 50°   |
| 52.5° | 9218.0  | 10232.0 | 10980.0 | 11754.0 | 12762.0 | 13804.0 | 14432.0 | 14350.1 | 13776.0 | 12938.0 | 12014.0 | 52.5° |
| 55°   | 9568.0  | 10706.0 | 11598.0 | 12512.0 | 13762.0 | 14722.0 | 15140.0 | 14920.0 | 14118.0 | 13268.0 | 12366.0 | 55°   |
| 57.5° | 9929.9  | 11166.0 | 12166.0 | 13226.0 | 14618.0 | 15442.0 | 15674.0 | 15222.0 | 14280.0 | 13394.0 | 12518.0 | 57.5° |
| 60°   | 10292.0 | 11550.1 | 12668.0 | 13849.9 | 15266.0 | 16030.1 | 15966.0 | 15289.9 | 14232.0 | 13302.0 | 12416.0 | 60°   |
| 62.5° | 10536.0 | 11778.0 | 12960.0 | 14234.0 | 15752.0 | 16329.9 | 15938.0 | 15048.0 | 13954.0 | 12940.0 | 12112.0 | 62.5° |
| 63°   | 10542.0 | 11786.0 | 12978.0 | 14260.0 | 15806.0 | 16340.0 | 15884.0 | 14962.0 | 13866.0 | 12866.0 | 12022.0 | 63°   |
| 65°   | 10416.0 | 11636.0 | 12818.0 | 14142.0 | 15760.0 | 16110.1 | 15418.0 | 14454.0 | 13364.0 | 12354.0 | 11554.0 | 65°   |
| 67.5° | 9772.0  | 11016.0 | 12060.0 | 13308.0 | 14936.0 | 15036.0 | 14169.9 | 13392.0 | 12412.0 | 11366.0 | 10529.9 | 67.5° |
| 70°   | 8474.0  | 9508.0  | 10532.0 | 11574.0 | 12940.0 | 12922.0 | 12108.0 | 11712.0 | 10854.0 | 9662.0  | 8992.0  | 70°   |
| 72.5° | 6740.0  | 7668.0  | 8388.0  | 9086.0  | 9986.0  | 9804.0  | 9280.0  | 9390.1  | 8834.0  | 7944.0  | 7546.0  | 72.5° |
| 75°   | 5004.0  | 6024.0  | 6376.0  | 6660.0  | 7040.0  | 7042.0  | 7186.0  | 7498.0  | 7489.9  | 6996.0  | 6494.0  | 75°   |
| 77.5° | 3282.0  | 4398.0  | 4516.0  | 4744.0  | 5200.0  | 5820.0  | 6460.0  | 7148.0  | 7320.0  | 6929.9  | 6188.0  | 77.5° |
| 80°   | 1830.1  | 2990.1  | 2854.0  | 3049.9  | 3542.0  | 4384.0  | 5328.0  | 6088.0  | 6536.0  | 6318.0  | 5532.0  | 80°   |
| 82.5° | 936.0   | 1724.0  | 1648.0  | 1920.0  | 2318.0  | 3049.9  | 3674.0  | 4258.0  | 4786.0  | 4756.0  | 4458.0  | 82.5° |
| 85°   | 486.0   | 944.0   | 1074.0  | 1216.0  | 1416.0  | 1678.0  | 1914.0  | 2084.0  | 2304.0  | 2692.0  | 2824.0  | 85°   |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 2.0     | 0.0     | 144.0   | 104.0   | 286.0   | 408.0   | 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: P153330

NUMBER: VXS-E06-LED-E1-SLR

**DISTRIBUTION (continued):**

| 330°    | 335°    | 340°    | 345°   | 350°   | 355°   | 360°   |
|---------|---------|---------|--------|--------|--------|--------|
| 2098.0  | 2098.0  | 2098.0  | 2098.0 | 2098.0 | 2098.0 | 2098.0 |
| 2074.0  | 2076.0  | 2072.0  | 2072.0 | 2074.0 | 2074.0 | 2070.1 |
| 2070.1  | 2070.1  | 2066.0  | 2062.0 | 2058.0 | 2058.0 | 2054.0 |
| 2116.0  | 2116.0  | 2102.0  | 2096.0 | 2086.0 | 2078.0 | 2074.0 |
| 2184.0  | 2172.0  | 2156.0  | 2144.0 | 2128.0 | 2110.1 | 2100.0 |
| 2252.0  | 2234.0  | 2214.0  | 2196.0 | 2176.0 | 2156.0 | 2146.0 |
| 2364.0  | 2340.0  | 2314.0  | 2292.0 | 2264.0 | 2234.0 | 2222.0 |
| 2536.0  | 2498.0  | 2464.0  | 2432.0 | 2382.0 | 2360.0 | 2336.0 |
| 2764.0  | 2708.0  | 2664.0  | 2609.9 | 2548.0 | 2528.0 | 2498.0 |
| 3040.0  | 2992.0  | 2904.0  | 2864.0 | 2802.0 | 2772.0 | 2778.0 |
| 3460.0  | 3398.0  | 3296.0  | 3258.0 | 3252.0 | 3186.0 | 3154.0 |
| 4008.0  | 4012.0  | 3918.0  | 3816.0 | 3760.0 | 3656.0 | 3524.0 |
| 4788.0  | 4734.0  | 4624.0  | 4520.0 | 4388.0 | 4192.0 | 3972.0 |
| 5732.0  | 5612.0  | 5430.1  | 5236.0 | 5002.0 | 4700.0 | 4392.0 |
| 6654.0  | 6444.0  | 6154.0  | 5830.1 | 5492.0 | 5116.0 | 4680.0 |
| 7464.0  | 7138.0  | 6704.0  | 6332.0 | 5854.0 | 5384.0 | 4852.0 |
| 8204.0  | 7800.0  | 7240.0  | 6758.0 | 6194.0 | 5589.9 | 4960.0 |
| 8920.0  | 8408.0  | 7722.0  | 7070.1 | 6432.0 | 5728.0 | 5012.0 |
| 9602.0  | 8942.0  | 8128.0  | 7352.0 | 6606.0 | 5818.0 | 5020.0 |
| 10126.0 | 9406.0  | 8492.0  | 7556.0 | 6726.0 | 5886.0 | 5020.0 |
| 10612.0 | 9798.0  | 8769.9  | 7716.0 | 6838.0 | 5932.0 | 5024.0 |
| 10990.1 | 10074.0 | 8950.1  | 7830.1 | 6926.0 | 5966.0 | 5042.0 |
| 11264.0 | 10254.0 | 9070.1  | 7900.0 | 6990.1 | 6014.0 | 5082.0 |
| 11456.0 | 10372.0 | 9136.0  | 7962.0 | 7068.0 | 6098.0 | 5194.0 |
| 11548.0 | 10590.1 | 9246.0  | 8086.0 | 7202.0 | 6276.0 | 5418.0 |
| 11478.0 | 10928.0 | 9560.0  | 8296.0 | 7388.0 | 6554.0 | 5776.0 |
| 11448.0 | 10990.1 | 9646.0  | 8342.0 | 7430.1 | 6614.0 | 5900.0 |
| 11214.0 | 11052.0 | 10000.0 | 8574.0 | 7630.1 | 6880.0 | 6246.0 |
| 10488.0 | 10808.0 | 10298.0 | 8966.0 | 8060.0 | 7526.0 | 6892.0 |
| 9548.0  | 10446.0 | 10244.0 | 9016.0 | 8334.0 | 8056.0 | 7300.0 |
| 8422.0  | 9352.0  | 9164.0  | 8350.1 | 8032.0 | 8062.0 | 7194.0 |
| 6628.0  | 7326.0  | 7202.0  | 6916.0 | 6980.0 | 7200.0 | 6162.0 |
| 5310.1  | 5216.0  | 4929.9  | 4950.1 | 5320.0 | 5578.0 | 4436.0 |
| 4338.0  | 3512.0  | 3140.0  | 3150.1 | 3796.0 | 4064.0 | 2826.0 |
| 4128.0  | 3322.0  | 2706.0  | 2364.0 | 2762.0 | 2660.0 | 1476.0 |
| 2940.0  | 2946.0  | 2444.0  | 1986.0 | 1924.0 | 1636.0 | 920.0  |
| 696.0   | 558.0   | 398.0   | 296.0  | 312.0  | 206.0  | 104.0  |
| 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)