

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: P152720

Luminaire Tested: **VXS-E02-LED-E1-SLL**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P152720  
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-E02-LED-E1-SLL  
Description: VISION SITE SMALL LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (42) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5564.9 lumens  
Efficiency: N/A  
Efficacy: 106.8 lumens/watt  
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G2

Input Watts (W): 52.1  
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



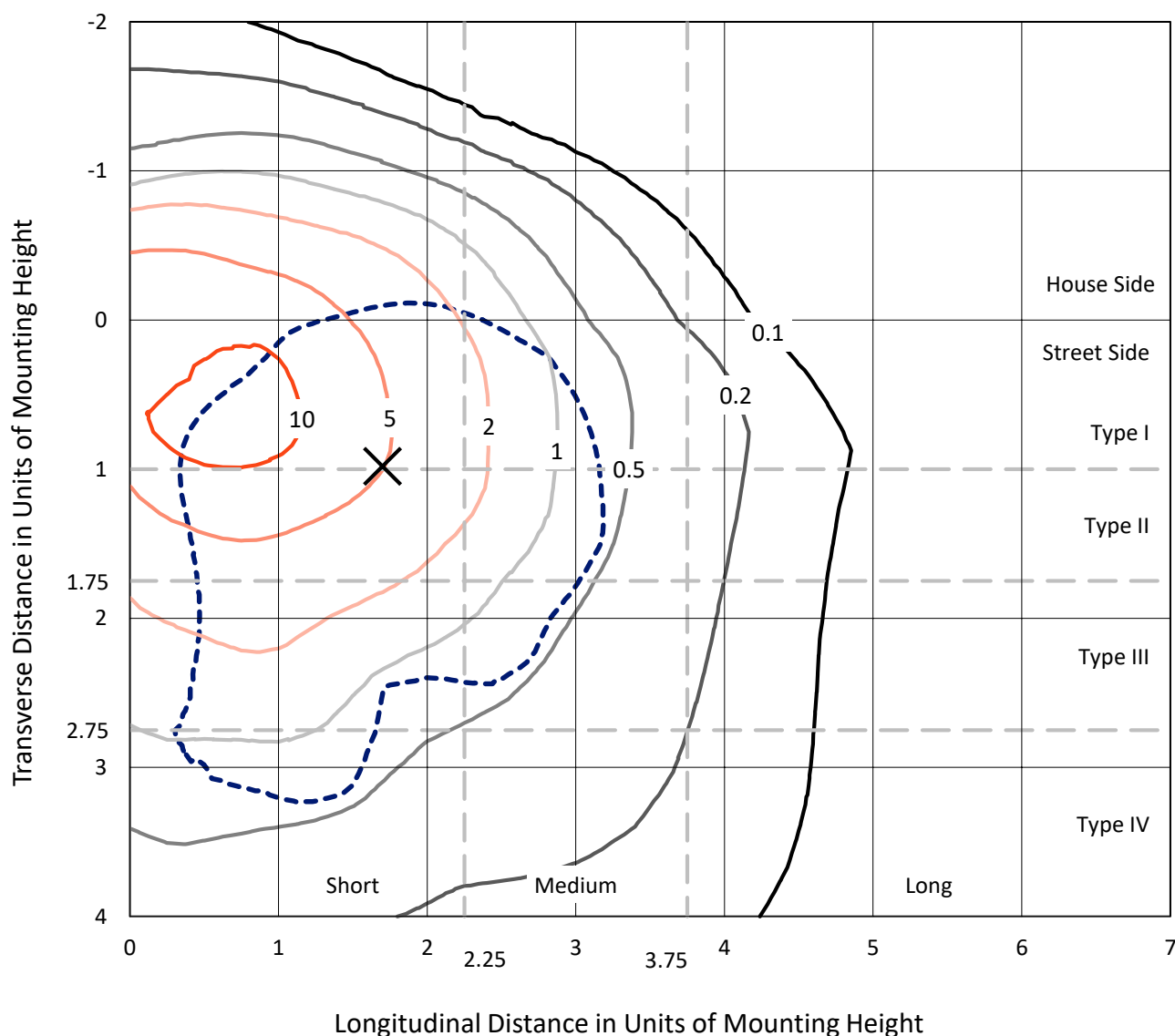
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CATALOG NUMBER: VXS-E02-LED-E1-SLL

## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

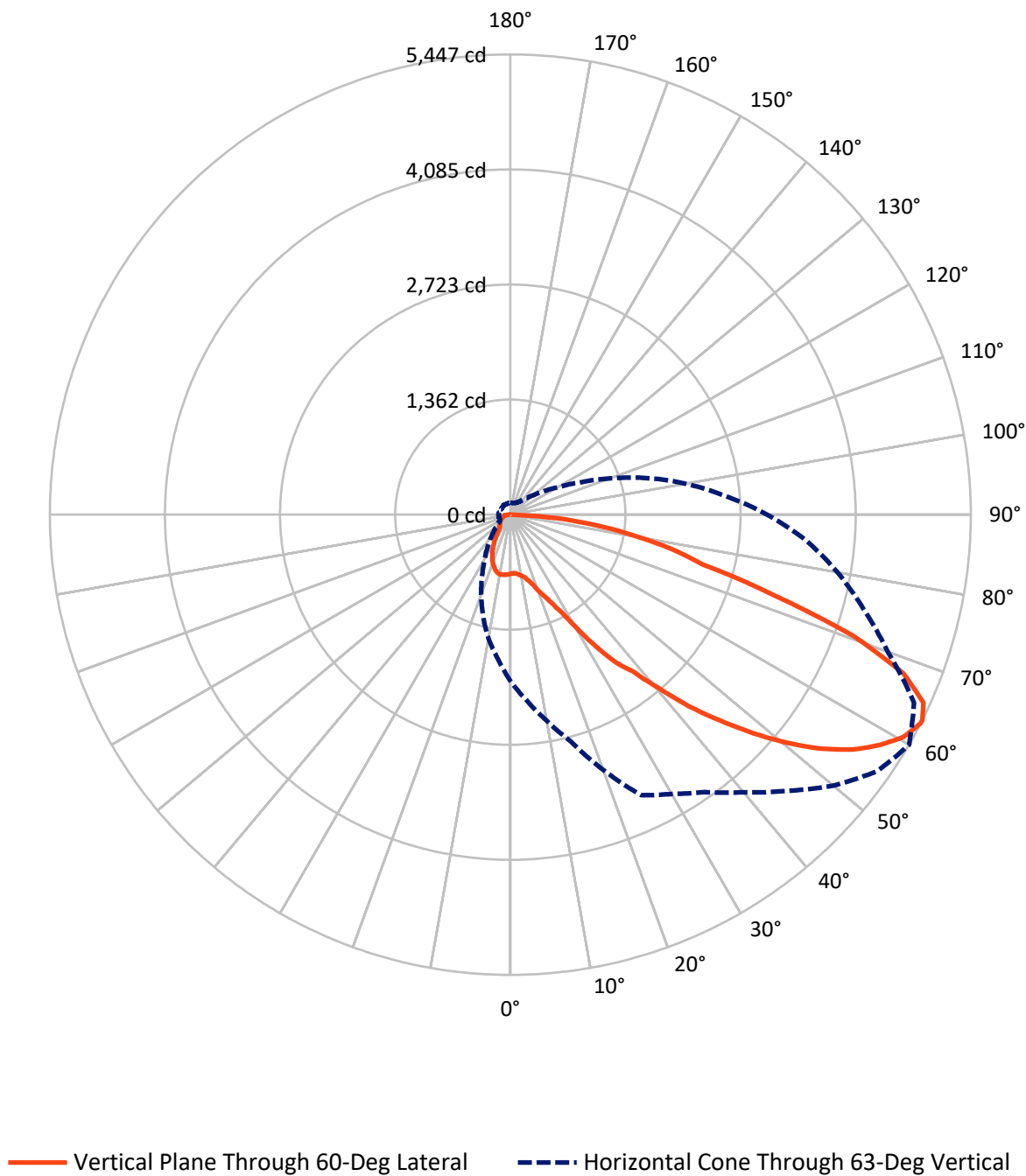


Based on 10 foot mounting height. Maximum calculated value = 13.8 fc  
 Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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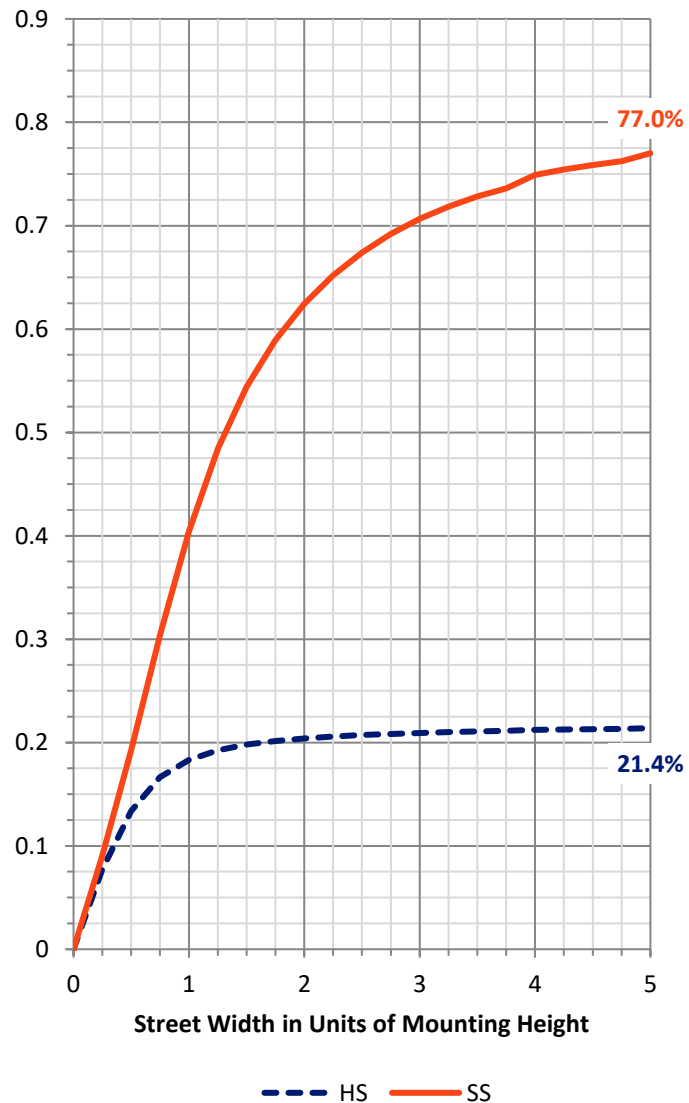
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1206.7   | 0.0    | 1206.7 |
|                    | % Fixture | 21.7     | 0.0    | 21.7   |
| <b>Street Side</b> | Lumens    | 4358.2   | 0.0    | 4358.2 |
|                    | % Fixture | 78.3     | 0.0    | 78.3   |
| <b>Total</b>       | Lumens    | 5564.9   | 0.0    | 5564.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 68.1   | 1.2       |
| 10°-20°   | 212.0  | 3.8       |
| 20°-30°   | 376.7  | 6.8       |
| 30°-40°   | 593.1  | 10.7      |
| 40°-50°   | 872.9  | 15.7      |
| 50°-60°   | 1159.5 | 20.8      |
| 60°-70°   | 1277.2 | 23.0      |
| 70°-80°   | 801.3  | 14.4      |
| 80°-90°   | 204.1  | 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°    | 5564.9 | 100.0     |
| 0°-180°   | 5564.9 | 100.0     |

**Coefficient of Utilization**



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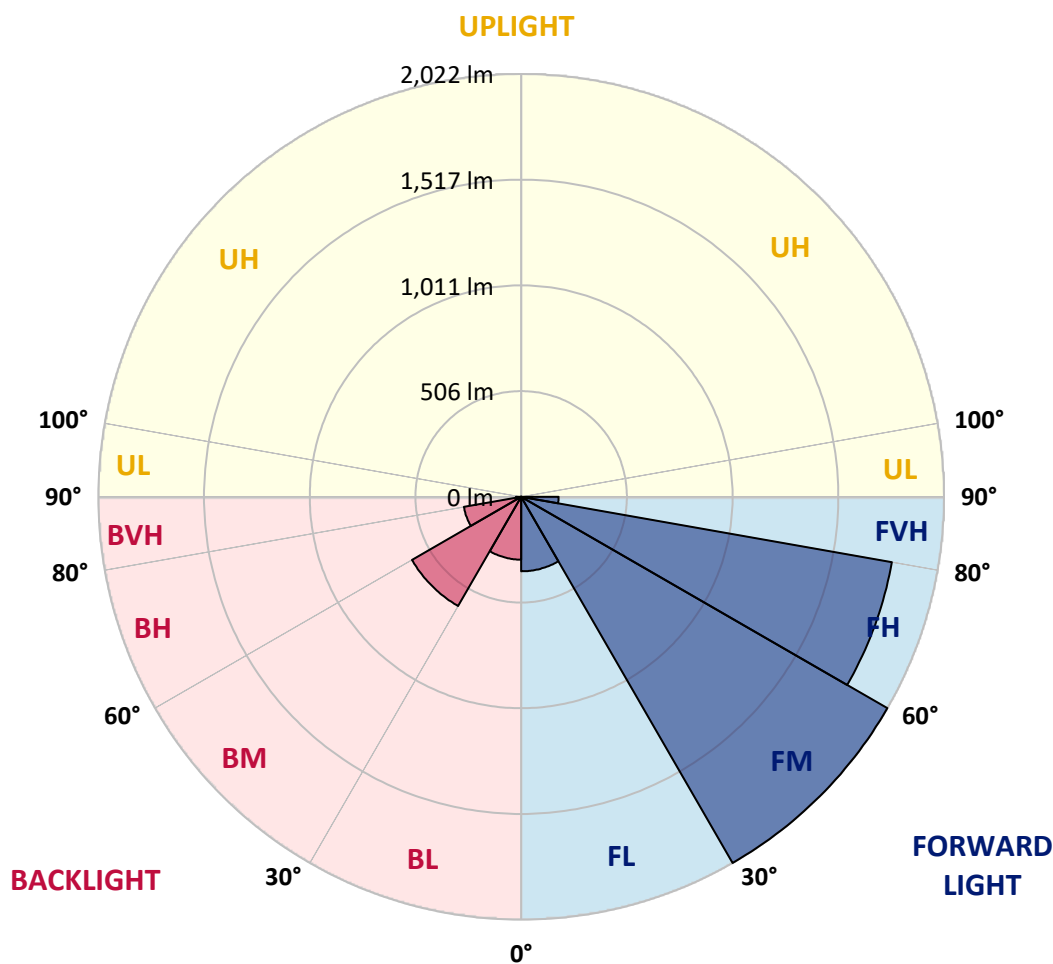
CATALOG NUMBER: VXS-E02-LED-E1-SLL

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 356.3  | 6.4       |                         |      |         |
| FM   | (30°-60°)   | 2022.4 | 36.3      |                         |      |         |
| FH   | (60°-80°)   | 1800.3 | 32.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 179.1  | 3.2       |                         |      | G2/225  |
| BL   | (0°-30°)    | 300.4  | 5.4       | B1/500                  |      |         |
| BM   | (30°-60°)   | 603.2  | 10.8      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 278.2  | 5.0       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 25.0   | 0.4       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  |
| 2.5°  | 689.9  | 691.3  | 691.3  | 690.7  | 690.7  | 692.0  | 691.3  | 690.7  | 688.7  | 691.3  | 691.3  |
| 5°    | 684.7  | 686.0  | 686.0  | 687.4  | 688.7  | 689.9  | 689.9  | 691.3  | 690.7  | 693.4  | 695.3  |
| 7.5°  | 691.3  | 692.6  | 695.3  | 698.7  | 700.6  | 705.3  | 705.3  | 708.7  | 710.1  | 712.0  | 711.3  |
| 10°   | 700.0  | 703.3  | 709.3  | 714.7  | 718.7  | 724.0  | 728.0  | 732.6  | 732.6  | 734.7  | 736.0  |
| 12.5° | 715.3  | 718.7  | 725.3  | 732.0  | 738.0  | 744.7  | 750.7  | 755.3  | 760.0  | 761.3  | 764.0  |
| 15°   | 740.6  | 744.7  | 754.7  | 764.0  | 771.3  | 780.0  | 788.0  | 797.3  | 806.0  | 808.0  | 809.3  |
| 17.5° | 778.7  | 786.6  | 794.0  | 810.7  | 821.3  | 832.6  | 845.3  | 858.7  | 861.3  | 875.3  | 878.7  |
| 20°   | 832.6  | 842.7  | 849.3  | 870.1  | 888.0  | 902.7  | 921.3  | 936.7  | 942.7  | 956.0  | 969.3  |
| 22.5° | 926.0  | 924.0  | 934.0  | 954.7  | 968.0  | 997.3  | 1013.4 | 1029.3 | 1037.3 | 1057.3 | 1068.0 |
| 25°   | 1051.3 | 1062.0 | 1084.0 | 1086.0 | 1098.7 | 1132.6 | 1153.4 | 1169.3 | 1169.9 | 1176.0 | 1187.4 |
| 27.5° | 1174.7 | 1218.7 | 1253.4 | 1272.0 | 1306.0 | 1337.3 | 1336.0 | 1358.7 | 1323.3 | 1330.7 | 1341.3 |
| 30°   | 1324.0 | 1397.3 | 1462.7 | 1506.6 | 1541.3 | 1578.0 | 1596.0 | 1608.7 | 1593.4 | 1586.6 | 1574.0 |
| 32.5° | 1464.0 | 1566.6 | 1667.4 | 1745.3 | 1809.9 | 1870.7 | 1910.7 | 1928.7 | 1950.1 | 2004.0 | 2023.3 |
| 35°   | 1560.0 | 1705.3 | 1830.7 | 1943.3 | 2051.3 | 2148.0 | 2218.0 | 2258.0 | 2242.7 | 2235.3 | 2231.3 |
| 37.5° | 1617.3 | 1794.7 | 1951.3 | 2110.7 | 2234.7 | 2379.4 | 2488.0 | 2593.4 | 2617.3 | 2575.3 | 2554.7 |
| 40°   | 1653.4 | 1863.3 | 2064.7 | 2252.6 | 2413.4 | 2600.0 | 2734.7 | 2892.6 | 3012.6 | 3028.7 | 2979.4 |
| 42.5° | 1670.7 | 1909.3 | 2144.0 | 2356.7 | 2574.0 | 2802.7 | 2973.4 | 3164.7 | 3344.0 | 3467.4 | 3436.7 |
| 45°   | 1673.4 | 1939.4 | 2202.0 | 2450.7 | 2709.3 | 2980.6 | 3200.6 | 3412.6 | 3652.6 | 3864.0 | 3870.1 |
| 47.5° | 1673.4 | 1962.0 | 2242.0 | 2518.7 | 2830.7 | 3135.3 | 3375.3 | 3626.0 | 3920.0 | 4169.9 | 4246.6 |
| 50°   | 1674.7 | 1977.3 | 2279.4 | 2572.0 | 2923.3 | 3266.0 | 3537.3 | 3833.4 | 4142.7 | 4414.7 | 4562.7 |
| 52.5° | 1680.6 | 1988.7 | 2308.7 | 2609.9 | 2983.3 | 3358.0 | 3663.3 | 4004.7 | 4312.6 | 4592.0 | 4783.3 |
| 55°   | 1694.0 | 2004.7 | 2329.9 | 2633.4 | 3023.3 | 3418.0 | 3754.7 | 4122.0 | 4422.7 | 4706.0 | 4973.4 |
| 57.5° | 1731.3 | 2032.6 | 2356.0 | 2654.0 | 3045.3 | 3457.3 | 3818.7 | 4172.6 | 4464.7 | 4760.0 | 5074.0 |
| 60°   | 1806.0 | 2092.0 | 2400.6 | 2695.3 | 3082.0 | 3529.9 | 3849.3 | 4138.7 | 4434.0 | 4744.0 | 5096.7 |
| 62.5° | 1925.3 | 2184.7 | 2462.7 | 2765.3 | 3186.6 | 3642.7 | 3826.0 | 4037.3 | 4313.4 | 4651.3 | 5016.0 |
| 63°   | 1966.6 | 2204.7 | 2476.7 | 2780.6 | 3215.3 | 3663.3 | 3816.0 | 4007.4 | 4288.7 | 4622.0 | 4987.4 |
| 65°   | 2082.0 | 2293.4 | 2543.3 | 2858.0 | 3333.4 | 3684.0 | 3738.0 | 3851.3 | 4118.0 | 4454.7 | 4818.0 |
| 67.5° | 2297.3 | 2508.7 | 2686.6 | 2988.7 | 3432.6 | 3602.7 | 3496.0 | 3510.1 | 3788.7 | 4137.3 | 4464.0 |
| 70°   | 2433.4 | 2685.3 | 2778.0 | 3005.3 | 3414.7 | 3482.0 | 3182.7 | 2997.3 | 3220.6 | 3618.0 | 3904.0 |
| 72.5° | 2398.0 | 2687.4 | 2677.3 | 2783.3 | 3054.7 | 3117.3 | 2807.4 | 2515.3 | 2648.0 | 2944.7 | 3129.9 |
| 75°   | 2054.0 | 2400.0 | 2326.6 | 2305.3 | 2400.6 | 2442.0 | 2209.3 | 2164.7 | 2332.0 | 2496.7 | 2499.4 |
| 77.5° | 1478.7 | 1859.4 | 1773.4 | 1649.9 | 1643.3 | 1738.7 | 1769.9 | 2062.7 | 2310.1 | 2440.0 | 2382.7 |
| 80°   | 942.0  | 1354.7 | 1265.3 | 1049.9 | 1046.6 | 1170.7 | 1446.0 | 1844.0 | 2106.0 | 2178.7 | 2029.3 |
| 82.5° | 492.0  | 886.6  | 920.6  | 788.0  | 902.0  | 1107.4 | 1376.0 | 1486.0 | 1585.3 | 1595.3 | 1419.4 |
| 85°   | 306.6  | 545.3  | 641.3  | 662.0  | 814.7  | 982.0  | 980.0  | 941.3  | 897.3  | 768.0  | 694.7  |
| 87.5° | 34.7   | 68.7   | 104.0  | 98.7   | 132.6  | 186.0  | 232.0  | 136.0  | 95.3   | 34.7   | 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°    | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  |
| 2.5°  | 692.6  | 693.4  | 694.0  | 694.0  | 697.3  | 696.7  | 697.3  | 698.7  | 700.6  | 702.0  | 703.3  |
| 5°    | 698.0  | 698.0  | 700.6  | 702.7  | 706.6  | 709.3  | 710.7  | 714.7  | 719.4  | 718.0  | 722.0  |
| 7.5°  | 715.3  | 714.7  | 717.3  | 718.7  | 722.0  | 726.6  | 726.0  | 729.3  | 733.4  | 734.7  | 738.0  |
| 10°   | 738.7  | 736.7  | 736.7  | 735.3  | 736.0  | 734.7  | 734.7  | 734.7  | 737.3  | 736.7  | 739.4  |
| 12.5° | 762.7  | 762.0  | 760.6  | 756.7  | 756.7  | 751.3  | 748.7  | 745.3  | 744.7  | 740.0  | 740.6  |
| 15°   | 812.0  | 812.0  | 809.3  | 801.3  | 794.7  | 790.1  | 783.3  | 778.7  | 772.0  | 763.3  | 758.7  |
| 17.5° | 884.0  | 874.7  | 871.3  | 870.1  | 859.4  | 855.3  | 840.6  | 825.3  | 818.0  | 806.0  | 799.4  |
| 20°   | 972.0  | 969.9  | 956.7  | 950.1  | 936.7  | 918.0  | 899.4  | 879.4  | 867.4  | 852.6  | 844.7  |
| 22.5° | 1071.3 | 1056.7 | 1049.9 | 1040.0 | 1019.4 | 998.0  | 969.9  | 943.3  | 924.7  | 914.7  | 908.7  |
| 25°   | 1187.4 | 1172.6 | 1166.0 | 1152.6 | 1127.4 | 1104.7 | 1070.1 | 1038.7 | 1022.0 | 1005.3 | 996.0  |
| 27.5° | 1341.3 | 1327.4 | 1319.4 | 1284.7 | 1276.0 | 1238.7 | 1196.0 | 1153.4 | 1131.3 | 1106.6 | 1090.7 |
| 30°   | 1571.3 | 1572.0 | 1530.7 | 1488.7 | 1445.3 | 1380.6 | 1336.0 | 1288.0 | 1252.0 | 1216.7 | 1181.3 |
| 32.5° | 1960.0 | 1860.6 | 1784.0 | 1694.0 | 1600.0 | 1531.3 | 1476.0 | 1418.7 | 1368.7 | 1317.3 | 1258.7 |
| 35°   | 2197.3 | 2149.3 | 2049.9 | 1885.3 | 1790.7 | 1707.4 | 1646.0 | 1576.7 | 1515.3 | 1424.7 | 1335.3 |
| 37.5° | 2465.3 | 2354.0 | 2233.4 | 2142.0 | 2034.7 | 1938.0 | 1835.3 | 1756.7 | 1650.7 | 1528.7 | 1402.0 |
| 40°   | 2856.7 | 2697.3 | 2552.0 | 2429.3 | 2290.7 | 2189.3 | 2074.7 | 1960.6 | 1820.0 | 1643.3 | 1469.3 |
| 42.5° | 3265.3 | 3100.6 | 2908.7 | 2749.3 | 2586.0 | 2467.4 | 2325.3 | 2165.3 | 1958.7 | 1740.0 | 1527.4 |
| 45°   | 3694.0 | 3474.0 | 3244.0 | 3049.3 | 2879.4 | 2732.0 | 2556.0 | 2344.0 | 2092.0 | 1826.6 | 1581.3 |
| 47.5° | 4116.7 | 3864.0 | 3590.1 | 3380.6 | 3159.4 | 2979.4 | 2763.3 | 2495.3 | 2196.0 | 1908.7 | 1635.3 |
| 50°   | 4489.3 | 4246.0 | 3916.0 | 3649.9 | 3426.0 | 3204.0 | 2934.7 | 2612.0 | 2278.0 | 1979.4 | 1684.0 |
| 52.5° | 4810.7 | 4601.3 | 4254.0 | 3918.0 | 3660.0 | 3410.7 | 3072.6 | 2706.0 | 2360.6 | 2044.7 | 1724.0 |
| 55°   | 5046.6 | 4907.4 | 4587.4 | 4170.7 | 3866.0 | 3568.7 | 3189.3 | 2796.7 | 2438.7 | 2096.7 | 1750.1 |
| 57.5° | 5224.7 | 5147.4 | 4872.6 | 4408.7 | 4055.3 | 3722.0 | 3310.1 | 2905.3 | 2516.0 | 2141.3 | 1762.0 |
| 60°   | 5322.0 | 5343.3 | 5088.7 | 4616.7 | 4222.7 | 3849.9 | 3430.7 | 2998.0 | 2573.4 | 2167.4 | 1755.3 |
| 62.5° | 5312.6 | 5443.3 | 5250.7 | 4744.7 | 4320.0 | 3926.0 | 3512.0 | 3041.3 | 2565.3 | 2126.0 | 1694.7 |
| 63°   | 5294.7 | 5446.6 | 5268.7 | 4753.4 | 4326.0 | 3928.7 | 3514.0 | 3035.3 | 2548.7 | 2106.0 | 1670.7 |
| 65°   | 5139.4 | 5369.9 | 5253.4 | 4714.0 | 4272.6 | 3878.7 | 3472.0 | 2948.7 | 2431.3 | 1998.7 | 1547.4 |
| 67.5° | 4723.3 | 5012.0 | 4978.7 | 4436.0 | 4020.0 | 3672.0 | 3257.3 | 2669.3 | 2141.3 | 1734.7 | 1311.3 |
| 70°   | 4036.0 | 4307.4 | 4313.4 | 3858.0 | 3510.7 | 3169.3 | 2824.7 | 2172.0 | 1697.3 | 1344.7 | 978.0  |
| 72.5° | 3093.4 | 3268.0 | 3328.7 | 3028.7 | 2796.0 | 2556.0 | 2246.6 | 1576.7 | 1209.9 | 914.7  | 636.7  |
| 75°   | 2395.3 | 2347.4 | 2346.6 | 2220.0 | 2125.3 | 2008.0 | 1668.0 | 1064.0 | 794.7  | 594.7  | 389.3  |
| 77.5° | 2153.4 | 1940.0 | 1733.4 | 1581.3 | 1505.3 | 1466.0 | 1094.0 | 641.3  | 468.7  | 342.0  | 224.0  |
| 80°   | 1776.0 | 1461.3 | 1180.6 | 1016.7 | 951.3  | 996.7  | 609.9  | 346.6  | 256.7  | 194.7  | 145.3  |
| 82.5° | 1224.7 | 1016.7 | 772.6  | 640.0  | 549.3  | 574.7  | 312.0  | 177.3  | 118.7  | 108.7  | 89.9   |
| 85°   | 638.0  | 559.4  | 472.0  | 405.3  | 358.0  | 314.7  | 162.0  | 84.7   | 49.3   | 43.3   | 39.4   |
| 87.5° | 0.0    | 0.6    | 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°    | 699.4  | 699.4  | 699.4  | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 |
| 2.5°  | 705.3  | 704.7  | 706.0  | 706.6 | 708.7 | 710.1 | 710.7 | 709.3 | 711.3 | 713.4 | 712.0 |
| 5°    | 724.0  | 728.7  | 729.3  | 731.3 | 731.3 | 735.3 | 735.3 | 735.3 | 734.7 | 735.3 | 734.0 |
| 7.5°  | 740.0  | 746.0  | 746.6  | 749.3 | 750.1 | 754.7 | 752.6 | 754.0 | 754.0 | 750.7 | 749.3 |
| 10°   | 742.0  | 748.0  | 751.3  | 754.7 | 759.4 | 765.3 | 765.3 | 768.7 | 768.7 | 766.0 | 765.3 |
| 12.5° | 742.7  | 747.4  | 750.7  | 755.3 | 762.0 | 770.7 | 775.3 | 780.0 | 782.0 | 781.3 | 779.4 |
| 15°   | 756.7  | 756.7  | 757.3  | 761.3 | 766.0 | 776.7 | 783.3 | 788.7 | 792.0 | 790.7 | 787.4 |
| 17.5° | 793.4  | 788.0  | 784.0  | 777.3 | 778.7 | 784.0 | 788.0 | 792.6 | 793.4 | 792.0 | 786.6 |
| 20°   | 836.0  | 829.3  | 819.4  | 808.7 | 803.3 | 799.4 | 796.7 | 796.7 | 794.7 | 788.0 | 779.4 |
| 22.5° | 896.7  | 888.0  | 874.0  | 858.0 | 847.4 | 834.7 | 819.4 | 804.7 | 788.7 | 772.6 | 754.0 |
| 25°   | 980.6  | 968.7  | 954.0  | 929.3 | 906.6 | 880.0 | 848.7 | 816.0 | 778.0 | 744.7 | 717.3 |
| 27.5° | 1065.3 | 1038.7 | 1000.6 | 966.6 | 924.7 | 884.7 | 840.0 | 800.0 | 751.3 | 711.3 | 681.3 |
| 30°   | 1135.3 | 1084.7 | 1030.1 | 976.0 | 920.6 | 866.6 | 813.4 | 765.3 | 712.0 | 671.3 | 642.0 |
| 32.5° | 1189.3 | 1119.4 | 1043.3 | 972.6 | 904.7 | 838.7 | 777.3 | 724.0 | 670.1 | 628.0 | 596.7 |
| 35°   | 1239.4 | 1142.0 | 1045.3 | 958.0 | 874.0 | 805.3 | 736.0 | 678.0 | 620.6 | 576.7 | 542.7 |
| 37.5° | 1276.7 | 1152.6 | 1033.4 | 930.7 | 834.0 | 757.3 | 686.6 | 627.4 | 568.7 | 520.6 | 482.0 |
| 40°   | 1300.6 | 1146.0 | 1007.4 | 891.3 | 786.6 | 706.0 | 634.0 | 572.6 | 516.0 | 463.3 | 416.7 |
| 42.5° | 1320.0 | 1137.3 | 981.3  | 855.3 | 749.3 | 661.3 | 587.4 | 521.3 | 464.0 | 406.6 | 355.3 |
| 45°   | 1348.7 | 1144.0 | 969.9  | 829.9 | 716.0 | 623.3 | 542.0 | 473.4 | 413.4 | 357.3 | 308.0 |
| 47.5° | 1376.7 | 1147.4 | 953.4  | 798.7 | 674.0 | 584.0 | 501.3 | 434.7 | 373.4 | 322.0 | 276.7 |
| 50°   | 1402.0 | 1145.3 | 927.4  | 758.7 | 633.4 | 544.7 | 464.7 | 398.0 | 337.3 | 289.9 | 247.4 |
| 52.5° | 1414.0 | 1134.0 | 895.3  | 720.0 | 600.6 | 510.1 | 428.7 | 364.0 | 304.0 | 259.4 | 220.0 |
| 55°   | 1412.6 | 1104.7 | 853.4  | 683.3 | 564.7 | 473.4 | 393.4 | 329.3 | 275.3 | 234.0 | 200.0 |
| 57.5° | 1392.6 | 1059.4 | 808.7  | 642.7 | 517.3 | 428.0 | 352.0 | 289.9 | 244.7 | 209.9 | 181.3 |
| 60°   | 1350.7 | 1001.3 | 750.1  | 583.3 | 458.0 | 372.0 | 300.6 | 247.4 | 210.7 | 184.0 | 165.3 |
| 62.5° | 1272.0 | 918.0  | 676.7  | 500.6 | 378.0 | 299.4 | 237.3 | 202.7 | 175.3 | 159.4 | 150.7 |
| 63°   | 1248.7 | 895.3  | 645.3  | 480.6 | 359.4 | 282.7 | 224.0 | 188.0 | 168.0 | 154.0 | 146.0 |
| 65°   | 1132.6 | 784.0  | 540.0  | 388.0 | 279.4 | 218.0 | 180.0 | 152.6 | 140.6 | 134.7 | 134.0 |
| 67.5° | 917.3  | 616.7  | 382.0  | 266.0 | 190.1 | 157.3 | 138.0 | 126.6 | 121.3 | 120.0 | 121.3 |
| 70°   | 644.0  | 389.3  | 242.7  | 176.7 | 140.6 | 126.6 | 118.0 | 113.4 | 110.1 | 110.7 | 112.0 |
| 72.5° | 410.7  | 233.4  | 166.6  | 134.0 | 118.7 | 111.3 | 107.4 | 106.0 | 105.3 | 104.7 | 104.7 |
| 75°   | 234.0  | 155.3  | 128.0  | 116.0 | 108.0 | 102.0 | 98.7  | 97.3  | 98.0  | 98.7  | 97.3  |
| 77.5° | 154.7  | 128.0  | 114.0  | 106.0 | 98.7  | 92.0  | 89.9  | 89.3  | 90.7  | 92.0  | 92.0  |
| 80°   | 122.0  | 114.0  | 106.0  | 98.0  | 86.0  | 81.3  | 82.7  | 83.3  | 82.7  | 83.3  | 81.3  |
| 82.5° | 86.0   | 84.7   | 86.6   | 83.3  | 71.3  | 67.4  | 66.0  | 66.6  | 65.3  | 65.3  | 64.0  |
| 85°   | 40.0   | 40.0   | 42.0   | 42.0  | 40.6  | 41.3  | 44.7  | 48.7  | 50.7  | 48.7  | 46.0  |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 6.0   | 12.0  | 17.3  | 18.7  | 23.3  | 22.7  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

REPORT NUMBER: P152720

CATALOG NUMBER: VXS-E02-LED-E1-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 |
| 2.5°  | 710.1 | 711.3 | 710.7 | 710.1 | 711.3 | 710.1 | 710.7 | 710.1 | 710.1 | 709.3 | 709.3 |
| 5°    | 732.6 | 734.7 | 730.7 | 729.9 | 728.7 | 725.3 | 725.3 | 724.0 | 724.0 | 721.3 | 719.4 |
| 7.5°  | 747.4 | 748.0 | 744.7 | 744.0 | 740.6 | 737.3 | 734.7 | 732.0 | 731.3 | 729.3 | 725.3 |
| 10°   | 761.3 | 760.0 | 757.3 | 754.0 | 750.7 | 746.0 | 742.7 | 739.4 | 738.7 | 735.3 | 730.7 |
| 12.5° | 773.4 | 772.6 | 767.4 | 764.0 | 758.7 | 754.0 | 750.1 | 746.0 | 744.0 | 740.0 | 733.4 |
| 15°   | 781.3 | 777.3 | 770.7 | 764.7 | 758.7 | 753.4 | 748.7 | 744.0 | 742.0 | 737.3 | 730.7 |
| 17.5° | 778.0 | 770.7 | 762.0 | 754.7 | 746.6 | 740.0 | 736.0 | 731.3 | 728.0 | 725.3 | 716.0 |
| 20°   | 766.0 | 755.3 | 742.0 | 733.4 | 722.7 | 714.0 | 711.3 | 706.6 | 704.0 | 694.0 | 682.0 |
| 22.5° | 734.7 | 719.4 | 702.7 | 689.9 | 678.0 | 669.3 | 662.7 | 658.0 | 651.3 | 645.3 | 626.6 |
| 25°   | 695.3 | 678.0 | 660.6 | 645.3 | 629.3 | 616.0 | 604.0 | 592.6 | 589.3 | 576.7 | 558.7 |
| 27.5° | 657.3 | 638.0 | 620.6 | 602.7 | 582.0 | 565.3 | 544.7 | 528.7 | 518.0 | 504.7 | 488.0 |
| 30°   | 616.7 | 597.3 | 574.0 | 550.1 | 526.0 | 508.0 | 484.7 | 465.3 | 452.0 | 438.0 | 422.7 |
| 32.5° | 565.3 | 542.0 | 514.0 | 487.4 | 465.3 | 444.0 | 420.6 | 402.0 | 388.7 | 376.0 | 361.3 |
| 35°   | 506.6 | 476.0 | 446.0 | 416.7 | 393.4 | 375.3 | 354.7 | 340.6 | 331.3 | 320.0 | 304.7 |
| 37.5° | 439.4 | 404.7 | 372.6 | 350.1 | 329.3 | 312.0 | 297.3 | 288.7 | 278.7 | 272.6 | 263.3 |
| 40°   | 371.3 | 337.3 | 306.0 | 285.3 | 268.0 | 258.0 | 249.9 | 248.0 | 241.3 | 233.4 | 227.4 |
| 42.5° | 311.3 | 278.7 | 248.0 | 231.3 | 220.0 | 217.3 | 213.4 | 213.4 | 209.9 | 204.0 | 200.0 |
| 45°   | 270.7 | 236.7 | 209.9 | 198.0 | 192.0 | 191.3 | 189.3 | 189.3 | 188.7 | 186.0 | 181.3 |
| 47.5° | 241.3 | 210.7 | 190.1 | 182.7 | 181.3 | 180.0 | 178.0 | 177.3 | 176.7 | 174.7 | 172.0 |
| 50°   | 214.7 | 188.7 | 175.3 | 172.0 | 172.6 | 170.7 | 168.7 | 166.6 | 166.0 | 164.0 | 161.3 |
| 52.5° | 190.1 | 171.3 | 162.7 | 160.6 | 160.6 | 160.6 | 159.4 | 159.4 | 158.0 | 157.3 | 154.7 |
| 55°   | 176.0 | 162.0 | 157.3 | 156.7 | 156.0 | 155.3 | 154.0 | 154.0 | 152.6 | 152.0 | 148.7 |
| 57.5° | 164.0 | 155.3 | 152.6 | 151.3 | 150.7 | 149.3 | 148.7 | 148.7 | 148.7 | 148.7 | 144.7 |
| 60°   | 154.7 | 150.7 | 150.1 | 148.7 | 148.0 | 145.3 | 144.0 | 143.3 | 144.0 | 144.7 | 140.6 |
| 62.5° | 144.7 | 144.0 | 143.3 | 142.0 | 141.3 | 138.7 | 136.7 | 135.3 | 136.7 | 138.0 | 137.3 |
| 63°   | 142.0 | 141.3 | 141.3 | 140.6 | 140.0 | 136.7 | 134.7 | 133.4 | 134.7 | 136.0 | 136.0 |
| 65°   | 132.6 | 133.4 | 133.4 | 132.6 | 132.0 | 129.9 | 127.4 | 126.0 | 126.6 | 128.7 | 129.3 |
| 67.5° | 122.7 | 123.3 | 122.7 | 123.3 | 122.7 | 121.3 | 119.4 | 118.0 | 117.3 | 118.0 | 118.7 |
| 70°   | 113.4 | 114.7 | 114.0 | 113.4 | 112.6 | 112.6 | 111.3 | 109.3 | 108.7 | 108.0 | 108.0 |
| 72.5° | 105.3 | 105.3 | 104.0 | 104.0 | 103.3 | 103.3 | 102.0 | 100.0 | 99.4  | 99.4  | 98.0  |
| 75°   | 96.7  | 96.7  | 94.7  | 94.7  | 93.4  | 94.0  | 92.6  | 90.7  | 89.9  | 89.9  | 89.3  |
| 77.5° | 91.3  | 89.3  | 86.0  | 85.3  | 84.7  | 84.7  | 84.0  | 82.0  | 81.3  | 81.3  | 80.6  |
| 80°   | 80.6  | 76.7  | 73.4  | 72.6  | 73.4  | 74.7  | 74.7  | 73.4  | 73.4  | 73.4  | 73.4  |
| 82.5° | 62.7  | 61.3  | 59.4  | 58.0  | 58.0  | 60.0  | 62.7  | 64.0  | 65.3  | 66.6  | 66.6  |
| 85°   | 46.0  | 46.6  | 46.0  | 44.0  | 43.3  | 45.3  | 48.0  | 50.7  | 51.3  | 54.0  | 53.4  |
| 87.5° | 24.7  | 25.3  | 23.3  | 22.7  | 24.7  | 26.0  | 28.7  | 29.3  | 30.7  | 31.3  | 32.0  |
| 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-E02-LED-E1-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 |
| 2.5°  | 708.7 | 708.0 | 708.7 | 707.4 | 707.4 | 706.0 | 704.7 | 704.0 | 702.7 | 702.0 | 700.6 |
| 5°    | 720.6 | 718.7 | 716.7 | 716.0 | 713.4 | 710.7 | 708.7 | 705.3 | 702.7 | 698.0 | 696.7 |
| 7.5°  | 728.7 | 724.0 | 721.3 | 720.6 | 716.7 | 714.7 | 710.1 | 706.0 | 702.0 | 696.0 | 694.0 |
| 10°   | 732.0 | 727.4 | 722.7 | 720.6 | 716.0 | 712.6 | 708.0 | 702.0 | 698.7 | 692.6 | 691.3 |
| 12.5° | 736.0 | 727.4 | 720.0 | 714.7 | 708.0 | 700.6 | 696.0 | 692.6 | 688.0 | 684.7 | 683.3 |
| 15°   | 728.7 | 717.3 | 706.0 | 696.0 | 685.3 | 677.3 | 672.6 | 667.4 | 662.0 | 660.0 | 660.0 |
| 17.5° | 708.7 | 694.0 | 674.7 | 662.0 | 650.7 | 642.0 | 636.0 | 630.7 | 629.9 | 627.4 | 628.7 |
| 20°   | 667.4 | 648.0 | 629.3 | 620.0 | 613.4 | 608.0 | 602.0 | 599.4 | 597.3 | 593.4 | 592.0 |
| 22.5° | 609.9 | 594.0 | 580.6 | 574.0 | 568.7 | 562.0 | 556.7 | 548.7 | 546.6 | 542.7 | 540.6 |
| 25°   | 546.6 | 534.0 | 522.7 | 518.0 | 514.7 | 505.3 | 502.0 | 491.3 | 484.0 | 479.4 | 482.0 |
| 27.5° | 483.3 | 474.0 | 463.3 | 457.3 | 455.3 | 446.6 | 443.3 | 431.3 | 425.3 | 425.3 | 418.7 |
| 30°   | 418.0 | 409.3 | 402.7 | 396.0 | 394.7 | 384.0 | 375.3 | 370.7 | 364.0 | 361.3 | 356.7 |
| 32.5° | 356.7 | 348.0 | 342.7 | 339.4 | 334.0 | 325.3 | 316.7 | 308.7 | 298.0 | 294.0 | 292.0 |
| 35°   | 300.0 | 293.4 | 286.6 | 284.0 | 276.7 | 267.4 | 256.7 | 249.9 | 237.3 | 232.6 | 230.7 |
| 37.5° | 256.7 | 248.7 | 244.0 | 236.7 | 229.3 | 219.4 | 211.3 | 205.3 | 200.6 | 198.7 | 198.7 |
| 40°   | 222.0 | 216.0 | 210.7 | 204.7 | 198.7 | 193.4 | 189.3 | 188.0 | 187.4 | 187.4 | 188.7 |
| 42.5° | 196.0 | 190.7 | 188.0 | 184.7 | 182.7 | 182.7 | 182.0 | 182.7 | 183.3 | 184.0 | 186.0 |
| 45°   | 178.7 | 175.3 | 174.0 | 173.4 | 174.7 | 176.0 | 176.7 | 178.0 | 180.6 | 182.0 | 182.7 |
| 47.5° | 169.3 | 166.6 | 166.0 | 166.6 | 168.7 | 171.3 | 174.0 | 176.0 | 178.0 | 178.7 | 179.4 |
| 50°   | 160.0 | 156.7 | 155.3 | 156.7 | 159.4 | 163.3 | 165.3 | 168.7 | 169.9 | 171.3 | 169.9 |
| 52.5° | 152.0 | 149.3 | 148.7 | 148.7 | 151.3 | 154.0 | 156.7 | 159.4 | 160.0 | 160.0 | 159.4 |
| 55°   | 145.3 | 143.3 | 141.3 | 142.7 | 144.7 | 147.4 | 151.3 | 153.4 | 154.7 | 155.3 | 155.3 |
| 57.5° | 140.0 | 138.0 | 136.0 | 137.3 | 139.4 | 142.0 | 146.0 | 148.0 | 149.3 | 151.3 | 152.0 |
| 60°   | 136.0 | 133.4 | 131.3 | 133.4 | 135.3 | 139.4 | 142.7 | 144.7 | 148.0 | 148.7 | 148.7 |
| 62.5° | 132.0 | 129.3 | 126.0 | 128.0 | 128.0 | 129.9 | 133.4 | 136.0 | 139.4 | 140.6 | 140.6 |
| 63°   | 131.3 | 128.7 | 125.3 | 126.6 | 126.6 | 128.0 | 130.7 | 133.4 | 137.3 | 138.7 | 138.0 |
| 65°   | 126.0 | 125.3 | 122.0 | 122.0 | 120.6 | 122.0 | 124.0 | 126.6 | 128.7 | 130.7 | 130.7 |
| 67.5° | 117.3 | 116.7 | 116.0 | 116.0 | 116.0 | 117.3 | 118.7 | 120.6 | 122.7 | 124.0 | 123.3 |
| 70°   | 107.4 | 107.4 | 107.4 | 108.0 | 108.0 | 109.3 | 110.1 | 109.3 | 111.3 | 112.6 | 112.0 |
| 72.5° | 98.7  | 98.0  | 97.3  | 98.7  | 98.0  | 98.0  | 99.4  | 98.7  | 100.6 | 100.6 | 101.3 |
| 75°   | 89.3  | 88.7  | 88.7  | 89.3  | 88.0  | 86.6  | 87.4  | 87.4  | 88.0  | 88.0  | 89.3  |
| 77.5° | 81.3  | 81.3  | 81.3  | 80.6  | 79.4  | 78.7  | 78.0  | 78.0  | 78.0  | 78.0  | 78.7  |
| 80°   | 74.0  | 74.0  | 74.0  | 73.4  | 72.0  | 70.7  | 69.3  | 68.7  | 68.0  | 64.7  | 64.7  |
| 82.5° | 66.6  | 66.6  | 66.6  | 66.6  | 66.0  | 64.7  | 62.7  | 57.3  | 54.7  | 52.0  | 52.6  |
| 85°   | 52.6  | 54.0  | 55.3  | 57.3  | 56.7  | 56.7  | 52.6  | 46.0  | 42.0  | 39.4  | 40.0  |
| 87.5° | 34.0  | 30.1  | 30.1  | 29.3  | 28.0  | 26.6  | 26.6  | 22.7  | 18.7  | 16.7  | 17.3  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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REPORT N  
CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 699.4 | 0°    |
| 2.5°  | 700.6 | 699.4 | 698.0 | 698.0 | 696.0 | 696.0 | 694.7 | 697.3 | 694.7 | 692.6 | 692.6 | 2.5°  |
| 5°    | 695.3 | 694.0 | 689.9 | 689.3 | 686.6 | 686.6 | 686.6 | 685.3 | 685.3 | 684.0 | 683.3 | 5°    |
| 7.5°  | 692.0 | 688.7 | 685.3 | 683.3 | 683.3 | 682.0 | 684.7 | 683.3 | 684.0 | 684.0 | 684.7 | 7.5°  |
| 10°   | 689.3 | 686.6 | 685.3 | 684.7 | 684.7 | 686.6 | 688.7 | 689.3 | 688.7 | 689.3 | 689.3 | 10°   |
| 12.5° | 682.7 | 684.0 | 684.7 | 687.4 | 690.7 | 694.7 | 699.4 | 700.0 | 701.3 | 701.3 | 702.7 | 12.5° |
| 15°   | 661.3 | 664.7 | 668.7 | 675.3 | 684.0 | 692.6 | 701.3 | 708.7 | 715.3 | 718.7 | 721.3 | 15°   |
| 17.5° | 631.3 | 634.7 | 642.0 | 649.3 | 660.6 | 673.4 | 688.0 | 700.6 | 714.7 | 727.4 | 740.0 | 17.5° |
| 20°   | 590.7 | 596.0 | 598.0 | 611.3 | 624.7 | 642.0 | 659.4 | 679.4 | 703.3 | 727.4 | 752.0 | 20°   |
| 22.5° | 538.0 | 544.0 | 553.4 | 564.0 | 578.0 | 599.4 | 620.0 | 651.3 | 683.3 | 717.3 | 756.0 | 22.5° |
| 25°   | 479.4 | 486.0 | 494.0 | 505.3 | 519.4 | 542.0 | 572.0 | 605.3 | 644.7 | 689.3 | 737.3 | 25°   |
| 27.5° | 418.7 | 425.3 | 432.0 | 440.0 | 456.0 | 480.0 | 515.3 | 550.1 | 593.4 | 642.0 | 698.0 | 27.5° |
| 30°   | 358.0 | 358.7 | 362.7 | 372.6 | 389.3 | 420.6 | 446.6 | 489.9 | 535.3 | 586.6 | 651.3 | 30°   |
| 32.5° | 291.3 | 290.7 | 295.3 | 304.0 | 320.0 | 350.1 | 382.0 | 424.0 | 468.7 | 533.4 | 600.0 | 32.5° |
| 35°   | 232.0 | 232.0 | 240.6 | 249.3 | 267.4 | 288.7 | 316.7 | 354.0 | 406.6 | 466.6 | 533.4 | 35°   |
| 37.5° | 200.6 | 205.3 | 210.7 | 219.4 | 233.4 | 249.9 | 274.7 | 307.4 | 348.7 | 406.0 | 467.4 | 37.5° |
| 40°   | 190.7 | 193.4 | 198.0 | 206.0 | 218.0 | 233.4 | 251.3 | 276.0 | 308.0 | 354.0 | 409.9 | 40°   |
| 42.5° | 186.6 | 187.4 | 190.1 | 196.0 | 206.6 | 222.0 | 240.6 | 262.7 | 286.6 | 319.4 | 368.0 | 42.5° |
| 45°   | 182.7 | 182.0 | 183.3 | 188.0 | 196.7 | 214.0 | 235.3 | 259.4 | 283.3 | 310.7 | 350.7 | 45°   |
| 47.5° | 179.4 | 179.4 | 179.4 | 181.3 | 189.3 | 206.6 | 231.3 | 259.4 | 288.0 | 318.7 | 358.0 | 47.5° |
| 50°   | 169.9 | 169.3 | 169.3 | 170.7 | 176.7 | 195.3 | 224.7 | 258.7 | 296.0 | 336.0 | 380.6 | 50°   |
| 52.5° | 159.4 | 159.4 | 160.0 | 160.6 | 166.0 | 184.7 | 217.3 | 258.7 | 305.3 | 358.7 | 414.7 | 52.5° |
| 55°   | 156.0 | 156.7 | 157.3 | 156.7 | 160.6 | 176.7 | 209.3 | 254.7 | 309.3 | 376.7 | 451.3 | 55°   |
| 57.5° | 153.4 | 154.7 | 154.7 | 154.0 | 156.7 | 169.9 | 201.3 | 246.6 | 306.0 | 383.3 | 477.3 | 57.5° |
| 60°   | 149.3 | 149.3 | 149.3 | 147.4 | 148.7 | 160.6 | 189.3 | 234.0 | 295.3 | 377.3 | 481.3 | 60°   |
| 62.5° | 140.6 | 140.6 | 139.4 | 138.7 | 138.0 | 147.4 | 173.4 | 215.3 | 276.0 | 361.3 | 471.3 | 62.5° |
| 63°   | 138.7 | 138.0 | 138.0 | 136.0 | 136.0 | 144.7 | 169.9 | 212.6 | 270.7 | 357.3 | 467.4 | 63°   |
| 65°   | 131.3 | 131.3 | 131.3 | 129.9 | 129.3 | 136.0 | 156.7 | 194.0 | 249.9 | 338.7 | 447.4 | 65°   |
| 67.5° | 123.3 | 124.0 | 122.7 | 122.0 | 121.3 | 125.3 | 141.3 | 170.7 | 218.0 | 299.4 | 409.9 | 67.5° |
| 70°   | 112.0 | 112.6 | 112.6 | 112.0 | 111.3 | 114.0 | 124.0 | 146.6 | 180.6 | 249.3 | 349.3 | 70°   |
| 72.5° | 102.0 | 103.3 | 103.3 | 104.7 | 104.7 | 106.6 | 110.7 | 122.0 | 144.7 | 194.7 | 274.7 | 72.5° |
| 75°   | 91.3  | 92.0  | 93.4  | 94.7  | 93.4  | 92.6  | 93.4  | 102.0 | 113.4 | 144.0 | 196.0 | 75°   |
| 77.5° | 82.0  | 84.0  | 84.0  | 83.3  | 81.3  | 80.0  | 80.0  | 84.0  | 93.4  | 109.3 | 140.0 | 77.5° |
| 80°   | 68.0  | 71.3  | 72.0  | 70.1  | 68.0  | 68.0  | 69.3  | 72.0  | 78.0  | 89.9  | 106.0 | 80°   |
| 82.5° | 54.7  | 58.0  | 58.7  | 59.4  | 58.7  | 60.6  | 60.6  | 61.3  | 64.7  | 74.0  | 86.6  | 82.5° |
| 85°   | 42.0  | 44.7  | 46.6  | 47.4  | 48.0  | 48.7  | 48.0  | 44.7  | 46.6  | 52.6  | 58.7  | 85°   |
| 87.5° | 18.7  | 19.4  | 18.0  | 18.7  | 18.0  | 18.7  | 19.4  | 16.0  | 15.3  | 20.6  | 21.3  | 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: P152720

NUMBER: VXS-E02-LED-E1-SLL

**DISTRIBUTION (continued):**

| 330°  | 335°  | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|-------|--------|--------|--------|--------|--------|
| 699.4 | 699.4 | 699.4  | 699.4  | 699.4  | 699.4  | 699.4  |
| 692.0 | 692.0 | 692.6  | 691.3  | 691.3  | 692.0  | 689.9  |
| 681.3 | 684.0 | 684.0  | 684.0  | 682.7  | 684.0  | 684.7  |
| 684.0 | 686.0 | 687.4  | 687.4  | 686.6  | 689.3  | 691.3  |
| 687.4 | 690.7 | 692.0  | 692.0  | 692.0  | 695.3  | 700.0  |
| 700.0 | 702.7 | 704.7  | 704.7  | 706.0  | 710.1  | 715.3  |
| 723.3 | 726.6 | 726.6  | 726.0  | 729.9  | 734.7  | 740.6  |
| 749.3 | 758.7 | 763.3  | 762.7  | 766.0  | 772.0  | 778.7  |
| 774.0 | 800.0 | 811.3  | 819.4  | 822.7  | 830.7  | 832.6  |
| 794.7 | 838.0 | 869.3  | 896.0  | 908.7  | 916.7  | 926.0  |
| 787.4 | 846.0 | 902.0  | 956.7  | 995.3  | 1034.7 | 1051.3 |
| 757.3 | 830.7 | 904.0  | 984.0  | 1054.0 | 1124.0 | 1174.7 |
| 720.6 | 808.7 | 907.4  | 1020.6 | 1131.3 | 1238.7 | 1324.0 |
| 678.7 | 788.0 | 914.7  | 1054.7 | 1200.0 | 1340.6 | 1464.0 |
| 626.0 | 748.7 | 896.7  | 1058.0 | 1229.3 | 1400.0 | 1560.0 |
| 559.4 | 695.3 | 854.7  | 1034.0 | 1230.7 | 1426.0 | 1617.3 |
| 492.6 | 628.0 | 801.3  | 999.4  | 1213.4 | 1432.0 | 1653.4 |
| 446.0 | 568.0 | 747.4  | 955.3  | 1185.3 | 1422.7 | 1670.7 |
| 414.0 | 524.7 | 699.4  | 915.3  | 1155.3 | 1406.0 | 1673.4 |
| 411.3 | 506.0 | 668.0  | 886.0  | 1131.3 | 1391.3 | 1673.4 |
| 434.0 | 516.0 | 657.3  | 871.3  | 1121.3 | 1386.6 | 1674.7 |
| 476.7 | 556.0 | 676.7  | 882.7  | 1129.3 | 1392.6 | 1680.6 |
| 528.0 | 616.7 | 728.7  | 922.0  | 1163.3 | 1412.6 | 1694.0 |
| 574.7 | 686.6 | 817.3  | 998.0  | 1225.3 | 1463.3 | 1731.3 |
| 602.0 | 746.6 | 911.3  | 1104.7 | 1331.3 | 1564.0 | 1806.0 |
| 605.3 | 780.0 | 994.7  | 1220.6 | 1460.0 | 1679.4 | 1925.3 |
| 602.7 | 782.7 | 1005.3 | 1242.7 | 1487.4 | 1708.0 | 1966.6 |
| 588.0 | 783.3 | 1035.3 | 1320.0 | 1582.0 | 1828.7 | 2082.0 |
| 550.7 | 762.0 | 1046.0 | 1380.6 | 1701.3 | 1987.4 | 2297.3 |
| 486.0 | 701.3 | 1014.7 | 1382.0 | 1747.4 | 2076.0 | 2433.4 |
| 390.7 | 586.0 | 879.4  | 1257.3 | 1626.0 | 1988.7 | 2398.0 |
| 286.0 | 430.7 | 664.7  | 974.0  | 1326.6 | 1655.3 | 2054.0 |
| 190.1 | 278.7 | 448.0  | 694.0  | 951.3  | 1191.3 | 1478.7 |
| 130.7 | 172.6 | 262.0  | 417.3  | 582.0  | 698.7  | 942.0  |
| 96.0  | 114.0 | 145.3  | 213.4  | 280.0  | 344.7  | 492.0  |
| 60.0  | 65.3  | 72.6   | 105.3  | 150.7  | 203.3  | 306.6  |
| 16.0  | 16.7  | 15.3   | 20.6   | 32.6   | 31.3   | 34.7   |
| 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)