

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: P150487

Luminaire Tested: **VXS-F06-LED-E1-SL3-HSS-7060**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P150487  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33727)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: VXS-F06-LED-E1-SL3-HSS-7060  
Description: VISION SITE SMALL LED LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL AND  
HOUSE SIDE SHIELD  
Light Source: (42) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8812.1 lumens  
Efficiency: N/A  
Efficacy: 56.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G2

Input Watts (W): 156.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



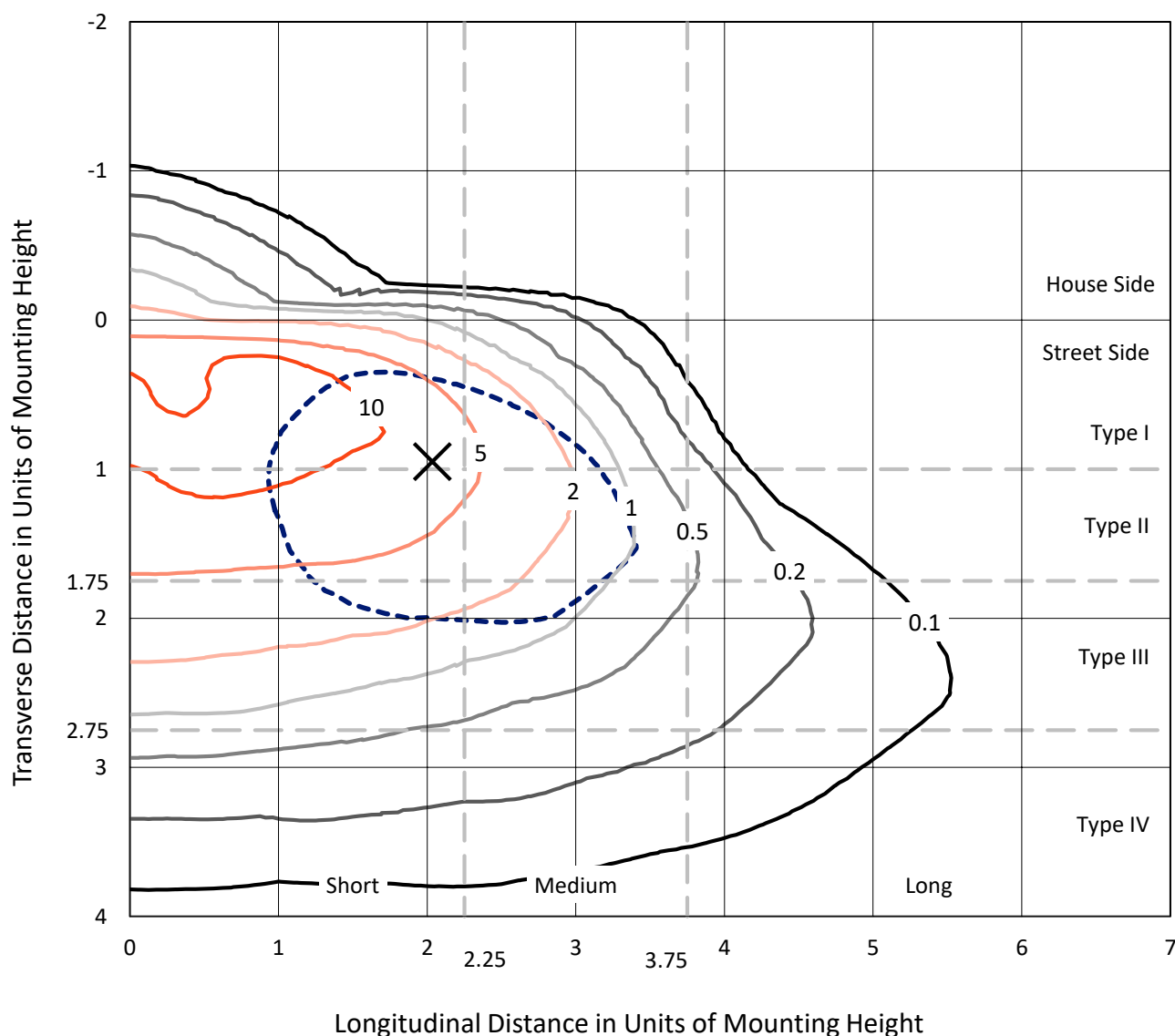
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

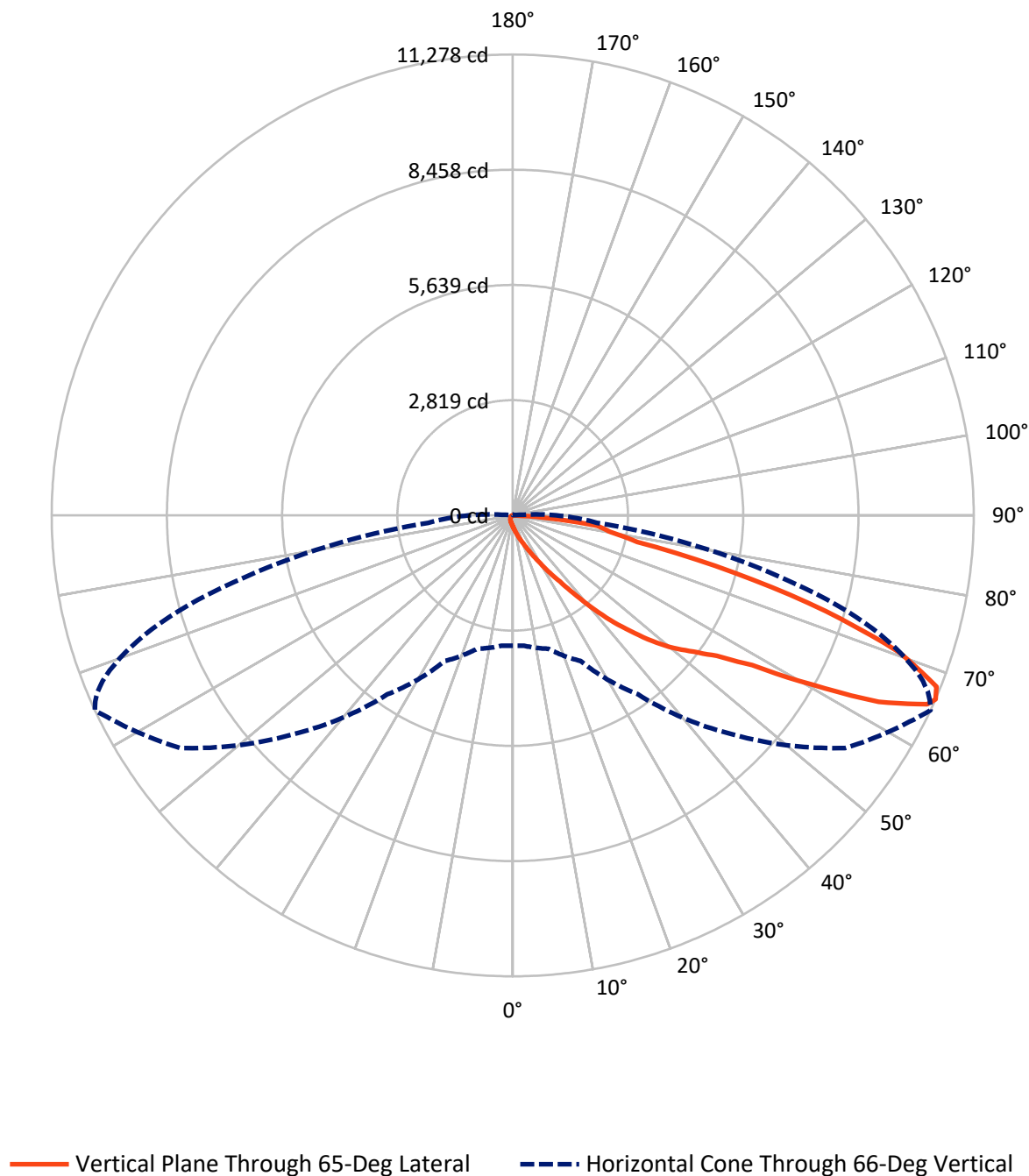


Based on 10 foot mounting height. Maximum calculated value = 14.5 fc  
 Type III - Short - Non-Cutoff

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CATALOG NUMBER: VXS-F06-LED-E1-SL3-HSS-7060

## Luminous Intensity Polar Plot



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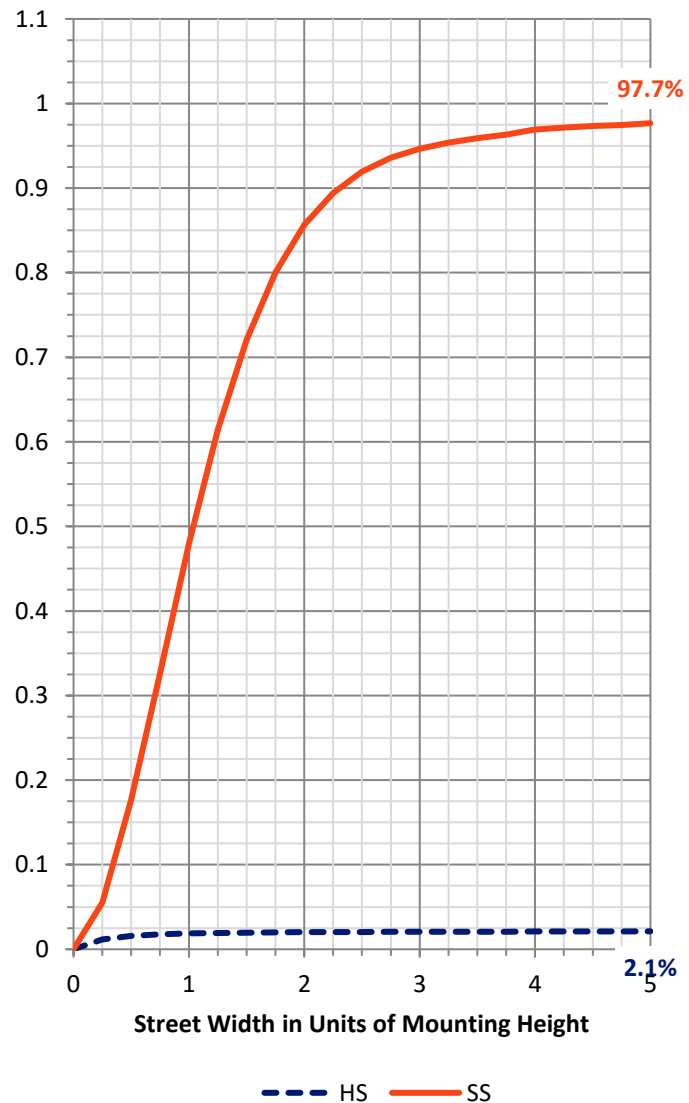
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 191.0    | 0.0    | 191.0  |
|                    | % Fixture | 2.2      | 0.0    | 2.2    |
| <b>Street Side</b> | Lumens    | 8621.1   | 0.0    | 8621.1 |
|                    | % Fixture | 97.8     | 0.0    | 97.8   |
| <b>Total</b>       | Lumens    | 8812.1   | 0.0    | 8812.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 29.8   | 0.3       |
| 10°-20°   | 126.3  | 1.4       |
| 20°-30°   | 272.3  | 3.1       |
| 30°-40°   | 581.5  | 6.6       |
| 40°-50°   | 1286.0 | 14.6      |
| 50°-60°   | 2179.4 | 24.7      |
| 60°-70°   | 2908.2 | 33.0      |
| 70°-80°   | 1281.0 | 14.5      |
| 80°-90°   | 147.6  | 1.7       |
| 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°    | 8812.1 | 100.0     |
| 0°-180°   | 8812.1 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P150487

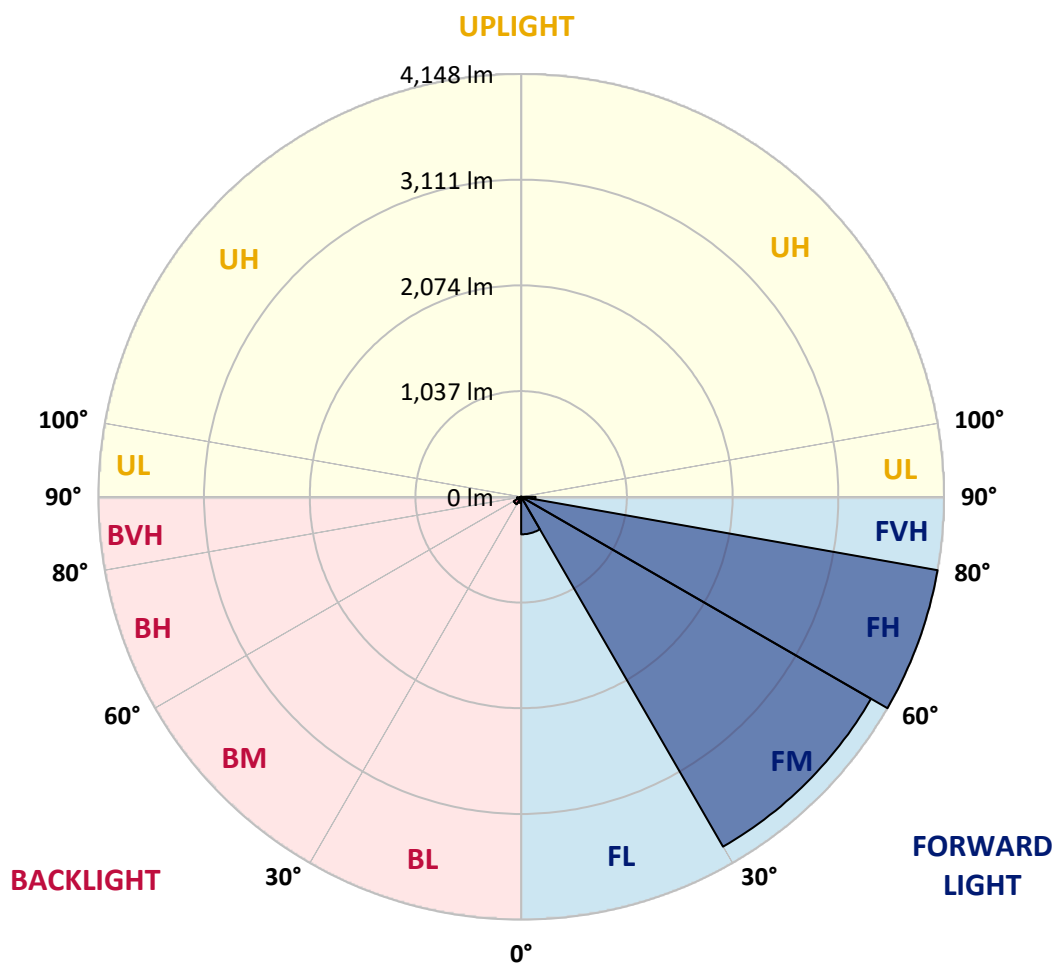
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 368.1  | 4.2       |                         |      |         |
| FM   | (30°-60°)   | 3963.1 | 45.0      |                         |      |         |
| FH   | (60°-80°)   | 4148.3 | 47.1      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 141.7  | 1.6       |                         |      | G2/225  |
| BL   | (0°-30°)    | 60.3   | 0.7       | B0/110                  |      |         |
| BM   | (30°-60°)   | 83.9   | 1.0       | B0/220                  |      |         |
| BH   | (60°-80°)   | 41.0   | 0.5       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 5.9    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B0-U0-G2**

Type III Short



REPORT NUMBER: P150487

CATALOG NUMBER: VXS-F06-LED-E1-SL3-HSS-7060

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°     | 66°     | 67°     | 68°     |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0°    | 266.0  | 266.0  | 266.0  | 266.0  | 266.0  | 266.0  | 266.0  | 266.0   | 266.0   | 266.0   | 266.0   |
| 2.5°  | 335.4  | 333.8  | 326.9  | 326.9  | 316.8  | 310.1  | 301.6  | 293.1   | 293.1   | 291.4   | 289.7   |
| 5°    | 443.8  | 433.7  | 432.0  | 413.4  | 398.1  | 376.1  | 355.8  | 328.7   | 325.3   | 321.9   | 320.2   |
| 7.5°  | 564.1  | 562.5  | 547.3  | 525.2  | 494.7  | 454.0  | 413.4  | 369.3   | 362.6   | 359.2   | 352.4   |
| 10°   | 720.0  | 711.5  | 691.2  | 654.0  | 608.2  | 554.0  | 487.9  | 418.4   | 409.9   | 403.2   | 399.8   |
| 12.5° | 869.1  | 853.9  | 842.0  | 794.5  | 737.0  | 657.3  | 577.7  | 477.7   | 471.0   | 462.5   | 448.9   |
| 15°   | 1008.0 | 994.5  | 974.1  | 933.5  | 869.1  | 769.1  | 676.0  | 554.0   | 537.0   | 525.2   | 515.0   |
| 17.5° | 1116.5 | 1108.0 | 1084.2 | 1038.5 | 969.0  | 880.9  | 769.1  | 631.9   | 618.3   | 603.1   | 584.5   |
| 20°   | 1219.8 | 1208.0 | 1170.7 | 1108.0 | 1033.5 | 965.7  | 879.3  | 733.6   | 714.9   | 696.3   | 676.0   |
| 22.5° | 1318.0 | 1306.2 | 1245.2 | 1141.9 | 1062.3 | 1033.5 | 1002.9 | 848.8   | 820.0   | 804.8   | 784.4   |
| 25°   | 1455.2 | 1429.8 | 1335.0 | 1170.7 | 1063.9 | 1085.9 | 1138.4 | 997.8   | 970.8   | 948.7   | 916.6   |
| 27.5° | 1639.9 | 1606.0 | 1457.0 | 1213.1 | 1070.7 | 1143.5 | 1294.3 | 1179.2  | 1150.4  | 1124.9  | 1089.3  |
| 30°   | 1848.3 | 1826.3 | 1648.4 | 1314.6 | 1119.8 | 1228.3 | 1468.8 | 1409.5  | 1375.6  | 1345.2  | 1302.8  |
| 32.5° | 2058.3 | 2027.9 | 1851.7 | 1507.8 | 1252.0 | 1392.6 | 1687.4 | 1677.2  | 1633.2  | 1604.4  | 1558.7  |
| 35°   | 2243.0 | 2227.8 | 2097.4 | 1824.6 | 1553.6 | 1680.6 | 1978.8 | 1990.7  | 1951.7  | 1921.1  | 1870.4  |
| 37.5° | 2368.4 | 2368.4 | 2343.0 | 2165.1 | 2033.0 | 2127.9 | 2407.4 | 2409.1  | 2370.2  | 2300.6  | 2275.2  |
| 40°   | 2432.8 | 2451.4 | 2542.9 | 2576.8 | 2570.1 | 2692.0 | 2969.8 | 2939.4  | 2907.2  | 2871.6  | 2786.8  |
| 42.5° | 2565.0 | 2581.9 | 2776.7 | 3010.5 | 3163.0 | 3323.9 | 3515.3 | 3505.2  | 3466.2  | 3401.9  | 3323.9  |
| 45°   | 2788.6 | 2810.6 | 3042.7 | 3413.7 | 3727.2 | 3955.9 | 4077.8 | 4030.4  | 3991.4  | 3930.5  | 3889.7  |
| 47.5° | 3073.2 | 3115.5 | 3378.1 | 3837.2 | 4215.0 | 4592.8 | 4719.9 | 4594.5  | 4560.6  | 4513.3  | 4447.2  |
| 50°   | 3376.5 | 3417.1 | 3696.7 | 4221.9 | 4648.7 | 5099.4 | 5311.2 | 5099.4  | 5050.3  | 5035.0  | 4960.5  |
| 52.5° | 3639.1 | 3673.0 | 3942.3 | 4518.3 | 4980.8 | 5509.4 | 5817.7 | 5538.1  | 5502.6  | 5451.8  | 5397.6  |
| 55°   | 3794.9 | 3822.0 | 4074.4 | 4660.6 | 5206.1 | 5878.8 | 6307.4 | 6061.7  | 6009.1  | 5988.8  | 5910.9  |
| 57.5° | 3847.5 | 3874.5 | 4101.6 | 4679.3 | 5328.1 | 6215.9 | 6902.0 | 6910.5  | 6847.8  | 6774.9  | 6751.2  |
| 60°   | 3847.5 | 3877.9 | 4069.3 | 4633.5 | 5446.7 | 6575.0 | 7694.8 | 8401.3  | 8265.8  | 8252.2  | 8165.8  |
| 62.5° | 3688.2 | 3717.0 | 3910.1 | 4492.8 | 5605.9 | 7059.5 | 8799.4 | 10046.3 | 10007.4 | 9919.3  | 9777.0  |
| 65°   | 3342.6 | 3359.5 | 3549.2 | 4133.7 | 5545.0 | 7505.1 | 9756.6 | 11140.7 | 11078.0 | 10905.3 | 10722.3 |
| 66°   | 3186.7 | 3200.2 | 3378.1 | 3928.7 | 5345.1 | 7566.1 | 9926.0 | 11277.9 | 11174.6 | 11028.9 | 10822.3 |
| 67.5° | 2961.3 | 2985.1 | 3110.5 | 3547.6 | 4865.6 | 7354.3 | 9819.3 | 11181.3 | 11091.6 | 10915.4 | 10708.7 |
| 70°   | 1977.1 | 1960.1 | 2402.3 | 2722.5 | 3706.8 | 5992.2 | 8809.6 | 10039.6 | 10041.2 | 9958.2  | 9875.2  |
| 72.5° | 938.5  | 948.7  | 1077.5 | 1675.5 | 2426.0 | 4003.3 | 7012.1 | 8013.4  | 8128.5  | 7979.5  | 7876.1  |
| 75°   | 674.3  | 689.5  | 767.5  | 1025.0 | 1446.8 | 2402.3 | 4545.4 | 5604.2  | 5607.7  | 5343.3  | 5107.9  |
| 77.5° | 196.5  | 205.0  | 288.0  | 631.9  | 1084.2 | 1621.3 | 2610.7 | 3115.5  | 3042.7  | 2853.0  | 2675.0  |
| 80°   | 81.3   | 81.3   | 84.7   | 201.6  | 435.4  | 1101.2 | 1826.3 | 2399.0  | 2390.5  | 2317.6  | 2212.5  |
| 82.5° | 30.5   | 32.2   | 40.6   | 83.0   | 103.3  | 271.1  | 1218.1 | 2082.1  | 2077.0  | 1973.7  | 1899.2  |
| 85°   | 3.4    | 3.4    | 10.2   | 35.5   | 39.0   | 50.8   | 243.9  | 918.2   | 913.2   | 918.2   | 804.8   |
| 87.5° | 0.0    | 0.0    | 1.7    | 3.4    | 5.1    | 6.7    | 10.2   | 35.5    | 39.0    | 37.3    | 33.9    |
| 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: P150487

CATALOG NUMBER: VXS-F06-LED-E1-SL3-HSS-7060

**CANDELA DISTRIBUTION (continued):**

|       | 69°     | 70°     | 71°    | 72°    | 73°    | 74°    | 75°    | 76°    | 77°    | 78°    | 79°    |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 266.0   | 266.0   | 266.0  | 266.0  | 266.0  | 266.0  | 266.0  | 266.0  | 266.0  | 266.0  | 266.0  |
| 2.5°  | 289.7   | 286.3   | 286.3  | 284.7  | 284.7  | 284.7  | 282.9  | 281.2  | 281.2  | 279.6  | 277.8  |
| 5°    | 316.8   | 313.4   | 311.7  | 308.3  | 306.6  | 305.0  | 301.6  | 299.9  | 296.5  | 294.8  | 293.1  |
| 7.5°  | 349.0   | 342.2   | 340.5  | 335.4  | 330.4  | 326.9  | 323.6  | 318.5  | 315.1  | 308.3  | 306.6  |
| 10°   | 389.6   | 381.1   | 374.4  | 367.7  | 362.6  | 354.1  | 349.0  | 342.2  | 335.4  | 330.4  | 325.3  |
| 12.5° | 442.2   | 430.4   | 420.1  | 413.4  | 401.6  | 391.4  | 381.1  | 376.1  | 362.6  | 355.8  | 347.3  |
| 15°   | 499.8   | 486.2   | 474.4  | 460.8  | 452.3  | 435.4  | 421.9  | 406.6  | 399.8  | 388.0  | 374.4  |
| 17.5° | 574.3   | 552.3   | 533.7  | 520.1  | 503.2  | 486.2  | 471.0  | 455.8  | 435.4  | 421.9  | 404.9  |
| 20°   | 654.0   | 635.3   | 609.8  | 586.2  | 565.8  | 545.5  | 523.5  | 503.2  | 484.6  | 462.5  | 442.2  |
| 22.5° | 755.5   | 728.5   | 698.0  | 674.3  | 647.2  | 625.2  | 594.6  | 567.6  | 537.0  | 508.3  | 484.6  |
| 25°   | 884.4   | 848.8   | 820.0  | 786.1  | 753.9  | 720.0  | 682.7  | 648.8  | 609.8  | 582.8  | 542.2  |
| 27.5° | 1043.6  | 1009.7  | 970.8  | 926.7  | 894.5  | 843.7  | 794.5  | 752.2  | 706.4  | 664.1  | 618.3  |
| 30°   | 1246.9  | 1197.7  | 1157.1 | 1114.7 | 1050.4 | 1001.2 | 943.6  | 886.0  | 823.3  | 781.0  | 711.5  |
| 32.5° | 1490.9  | 1438.3  | 1377.3 | 1316.4 | 1257.1 | 1187.6 | 1116.5 | 1045.3 | 975.9  | 897.9  | 826.7  |
| 35°   | 1789.0  | 1726.3  | 1656.9 | 1590.8 | 1499.3 | 1424.8 | 1335.0 | 1236.7 | 1158.8 | 1069.0 | 979.2  |
| 37.5° | 2183.7  | 2080.4  | 2019.4 | 1949.9 | 1826.3 | 1724.7 | 1624.7 | 1526.4 | 1389.2 | 1294.3 | 1167.3 |
| 40°   | 2678.4  | 2617.5  | 2517.5 | 2405.7 | 2293.9 | 2160.0 | 2024.6 | 1894.1 | 1734.8 | 1602.7 | 1455.2 |
| 42.5° | 3259.6  | 3169.7  | 3068.1 | 2907.2 | 2793.7 | 2636.1 | 2482.0 | 2309.1 | 2114.3 | 1944.9 | 1772.1 |
| 45°   | 3805.1  | 3698.3  | 3620.4 | 3459.5 | 3340.8 | 3154.5 | 2968.2 | 2785.2 | 2559.9 | 2341.3 | 2141.5 |
| 47.5° | 4394.6  | 4306.5  | 4177.8 | 4047.4 | 3927.0 | 3717.0 | 3515.3 | 3293.5 | 3056.3 | 2797.0 | 2537.8 |
| 50°   | 4913.1  | 4843.6  | 4755.4 | 4597.9 | 4464.0 | 4287.9 | 4050.7 | 3808.5 | 3508.6 | 3251.1 | 2956.3 |
| 52.5° | 5353.5  | 5299.3  | 5175.6 | 5063.8 | 4943.5 | 4777.5 | 4565.7 | 4333.7 | 4010.1 | 3727.2 | 3391.7 |
| 55°   | 5873.6  | 5834.6  | 5726.2 | 5656.8 | 5550.1 | 5390.8 | 5192.5 | 4977.4 | 4635.2 | 4326.8 | 3947.4 |
| 57.5° | 6725.8  | 6695.3  | 6600.4 | 6571.6 | 6466.5 | 6327.7 | 6083.7 | 5853.3 | 5453.5 | 5070.6 | 4636.9 |
| 60°   | 8137.0  | 8076.1  | 7937.1 | 7865.9 | 7644.0 | 7457.6 | 7140.8 | 6824.0 | 6341.2 | 5853.3 | 5331.5 |
| 62.5° | 9648.2  | 9477.1  | 9212.7 | 8985.8 | 8670.7 | 8347.0 | 7923.5 | 7439.1 | 6873.2 | 6293.8 | 5694.1 |
| 65°   | 10463.1 | 10171.7 | 9837.9 | 9477.1 | 9068.8 | 8592.7 | 8059.1 | 7478.0 | 6869.7 | 6258.2 | 5624.6 |
| 66°   | 10556.3 | 10227.6 | 9873.5 | 9472.0 | 9017.9 | 8511.4 | 7969.3 | 7359.4 | 6727.5 | 6131.1 | 5497.5 |
| 67.5° | 10439.4 | 10095.4 | 9721.0 | 9275.4 | 8784.1 | 8259.0 | 7689.7 | 7056.2 | 6448.0 | 5843.1 | 5226.4 |
| 70°   | 9621.0  | 9278.9  | 8945.1 | 8475.9 | 7952.3 | 7423.7 | 6885.1 | 6176.9 | 5600.8 | 5045.2 | 4496.3 |
| 72.5° | 7683.0  | 7450.9  | 7120.5 | 6719.0 | 6209.0 | 5589.0 | 5140.1 | 4506.4 | 4006.6 | 3468.0 | 3042.7 |
| 75°   | 4801.2  | 4474.3  | 4066.0 | 3554.3 | 3164.7 | 2661.6 | 2399.0 | 1917.8 | 1633.2 | 1384.1 | 1143.5 |
| 77.5° | 2454.8  | 2209.2  | 1922.9 | 1634.8 | 1358.8 | 1084.2 | 838.7  | 593.0  | 399.8  | 277.8  | 206.7  |
| 80°   | 2027.9  | 1811.1  | 1573.9 | 1311.3 | 1067.4 | 828.4  | 596.4  | 406.6  | 259.2  | 169.4  | 132.1  |
| 82.5° | 1675.5  | 1492.5  | 1280.8 | 1036.8 | 825.1  | 650.6  | 452.3  | 294.8  | 183.0  | 118.5  | 93.2   |
| 85°   | 713.3   | 647.2   | 499.8  | 396.5  | 298.1  | 220.2  | 154.2  | 103.3  | 72.8   | 59.3   | 54.2   |
| 87.5° | 30.5    | 33.9    | 32.2   | 25.4   | 18.7   | 18.7   | 16.9   | 13.6   | 13.6   | 13.6   | 13.6   |
| 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: P150487

CATALOG NUMBER: VXS-F06-LED-E1-SL3-HSS-7060

**CANDELA DISTRIBUTION (continued):**

|       | 80°    | 81°    | 82°    | 83°    | 84°    | 85°    | 95°   | 105°  | 115°  | 125°  | 135°  |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°    | 266.0  | 266.0  | 266.0  | 266.0  | 266.0  | 266.0  | 266.0 | 266.0 | 266.0 | 266.0 | 266.0 |
| 2.5°  | 277.8  | 276.2  | 274.4  | 274.4  | 272.7  | 271.1  | 260.9 | 252.4 | 242.3 | 235.4 | 228.7 |
| 5°    | 289.7  | 288.0  | 284.7  | 282.9  | 279.6  | 277.8  | 255.9 | 237.2 | 222.0 | 210.1 | 201.6 |
| 7.5°  | 301.6  | 299.9  | 294.8  | 289.7  | 288.0  | 284.7  | 249.0 | 225.3 | 205.0 | 191.4 | 183.0 |
| 10°   | 316.8  | 311.7  | 306.6  | 299.9  | 294.8  | 289.7  | 242.3 | 211.8 | 189.7 | 177.9 | 169.4 |
| 12.5° | 338.9  | 330.4  | 321.9  | 313.4  | 306.6  | 298.1  | 238.9 | 199.9 | 177.9 | 164.4 | 155.9 |
| 15°   | 364.2  | 352.4  | 342.2  | 332.0  | 320.2  | 311.7  | 232.1 | 189.7 | 167.8 | 154.2 | 144.0 |
| 17.5° | 388.0  | 374.4  | 359.2  | 343.9  | 332.0  | 320.2  | 225.3 | 179.6 | 157.5 | 144.0 | 133.9 |
| 20°   | 421.9  | 401.6  | 382.9  | 364.2  | 347.3  | 332.0  | 215.1 | 169.4 | 149.1 | 133.9 | 123.6 |
| 22.5° | 459.1  | 435.4  | 411.7  | 386.2  | 364.2  | 343.9  | 206.7 | 160.9 | 140.6 | 125.4 | 113.5 |
| 25°   | 506.5  | 477.7  | 445.6  | 413.4  | 388.0  | 360.8  | 198.2 | 152.4 | 132.1 | 116.9 | 105.1 |
| 27.5° | 572.6  | 531.9  | 496.4  | 455.8  | 416.8  | 386.2  | 191.4 | 145.7 | 123.6 | 108.4 | 96.6  |
| 30°   | 662.4  | 603.1  | 547.3  | 503.2  | 457.4  | 413.4  | 184.7 | 137.2 | 116.9 | 100.0 | 86.4  |
| 32.5° | 762.4  | 693.0  | 628.5  | 562.5  | 504.9  | 454.0  | 177.9 | 130.5 | 108.4 | 91.5  | 79.6  |
| 35°   | 886.0  | 797.9  | 711.5  | 635.3  | 565.8  | 498.0  | 171.1 | 123.6 | 101.7 | 83.0  | 71.2  |
| 37.5° | 1063.9 | 953.8  | 840.3  | 742.1  | 652.2  | 562.5  | 166.0 | 116.9 | 93.2  | 74.5  | 62.7  |
| 40°   | 1307.9 | 1165.6 | 1026.6 | 892.8  | 776.0  | 664.1  | 159.3 | 110.2 | 86.4  | 67.8  | 56.0  |
| 42.5° | 1572.1 | 1399.4 | 1216.4 | 1065.6 | 904.7  | 764.0  | 152.4 | 103.3 | 79.6  | 61.0  | 49.1  |
| 45°   | 1900.8 | 1685.7 | 1463.7 | 1258.8 | 1062.3 | 880.9  | 145.7 | 96.6  | 71.2  | 54.2  | 42.4  |
| 47.5° | 2260.0 | 1985.6 | 1734.8 | 1477.3 | 1243.5 | 1026.6 | 137.2 | 91.5  | 64.4  | 47.5  | 37.3  |
| 50°   | 2629.3 | 2339.6 | 2022.8 | 1729.7 | 1451.9 | 1172.3 | 128.7 | 83.0  | 57.6  | 42.4  | 30.5  |
| 52.5° | 3027.5 | 2685.2 | 2361.7 | 1997.4 | 1673.8 | 1363.8 | 120.3 | 76.3  | 52.5  | 37.3  | 25.4  |
| 55°   | 3534.0 | 3151.1 | 2771.6 | 2363.3 | 1973.7 | 1585.7 | 111.8 | 67.8  | 45.7  | 32.2  | 20.3  |
| 57.5° | 4171.0 | 3717.0 | 3251.1 | 2790.3 | 2317.6 | 1877.1 | 105.1 | 59.3  | 39.0  | 27.2  | 16.9  |
| 60°   | 4772.4 | 4242.2 | 3678.0 | 3147.8 | 2614.1 | 2100.7 | 94.9  | 52.5  | 33.9  | 22.1  | 16.9  |
| 62.5° | 5084.1 | 4479.4 | 3871.1 | 3286.6 | 2717.4 | 2180.4 | 84.7  | 44.0  | 28.8  | 18.7  | 15.2  |
| 65°   | 5007.9 | 4391.2 | 3801.7 | 3212.1 | 2654.7 | 2129.5 | 74.5  | 39.0  | 25.4  | 16.9  | 15.2  |
| 66°   | 4897.8 | 4287.9 | 3694.9 | 3134.2 | 2602.2 | 2075.3 | 69.4  | 37.3  | 23.7  | 16.9  | 13.6  |
| 67.5° | 4657.2 | 4067.7 | 3501.8 | 2980.0 | 2458.2 | 1972.0 | 62.7  | 33.9  | 22.1  | 15.2  | 13.6  |
| 70°   | 3977.8 | 3442.5 | 2990.2 | 2526.0 | 2100.7 | 1662.0 | 50.8  | 28.8  | 18.7  | 13.6  | 13.6  |
| 72.5° | 2632.7 | 2268.5 | 1966.9 | 1692.4 | 1414.6 | 1097.8 | 42.4  | 23.7  | 15.2  | 13.6  | 11.8  |
| 75°   | 992.7  | 897.9  | 770.9  | 693.0  | 604.8  | 530.3  | 33.9  | 15.2  | 11.8  | 11.8  | 11.8  |
| 77.5° | 176.2  | 162.6  | 144.0  | 132.1  | 122.0  | 111.8  | 27.2  | 10.2  | 10.2  | 11.8  | 11.8  |
| 80°   | 118.5  | 110.2  | 100.0  | 91.5   | 84.7   | 76.3   | 18.7  | 8.5   | 10.2  | 10.2  | 11.8  |
| 82.5° | 84.7   | 79.6   | 74.5   | 67.8   | 62.7   | 56.0   | 11.8  | 8.5   | 10.2  | 10.2  | 10.2  |
| 85°   | 50.8   | 47.5   | 44.0   | 40.6   | 35.5   | 33.9   | 8.5   | 8.5   | 8.5   | 10.2  | 10.2  |
| 87.5° | 13.6   | 11.8   | 13.6   | 13.6   | 10.2   | 11.8   | 6.7   | 6.7   | 6.7   | 8.5   | 8.5   |
| 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: P150487

CATALOG NUMBER: VXS-F06-LED-E1-SL3-HSS-7060

**CANDELA DISTRIBUTION (continued):**

|       | 145°  | 155°  | 165°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|-------|
| 0°    | 266.0 | 266.0 | 266.0 | 266.0 | 266.0 |
| 2.5°  | 225.3 | 225.3 | 222.0 | 227.0 | 227.0 |
| 5°    | 194.8 | 194.8 | 193.2 | 194.8 | 194.8 |
| 7.5°  | 177.9 | 176.2 | 176.2 | 176.2 | 177.9 |
| 10°   | 162.6 | 160.9 | 160.9 | 160.9 | 160.9 |
| 12.5° | 149.1 | 147.4 | 145.7 | 147.4 | 147.4 |
| 15°   | 137.2 | 133.9 | 133.9 | 133.9 | 133.9 |
| 17.5° | 127.0 | 123.6 | 122.0 | 122.0 | 122.0 |
| 20°   | 116.9 | 111.8 | 111.8 | 111.8 | 111.8 |
| 22.5° | 106.7 | 101.7 | 101.7 | 101.7 | 101.7 |
| 25°   | 96.6  | 91.5  | 91.5  | 91.5  | 91.5  |
| 27.5° | 88.1  | 83.0  | 83.0  | 83.0  | 83.0  |
| 30°   | 77.9  | 74.5  | 74.5  | 76.3  | 74.5  |
| 32.5° | 71.2  | 66.1  | 66.1  | 67.8  | 67.8  |
| 35°   | 62.7  | 59.3  | 59.3  | 59.3  | 59.3  |
| 37.5° | 54.2  | 50.8  | 50.8  | 50.8  | 50.8  |
| 40°   | 47.5  | 44.0  | 42.4  | 44.0  | 44.0  |
| 42.5° | 40.6  | 37.3  | 35.5  | 35.5  | 35.5  |
| 45°   | 35.5  | 30.5  | 28.8  | 30.5  | 30.5  |
| 47.5° | 28.8  | 25.4  | 25.4  | 27.2  | 27.2  |
| 50°   | 22.1  | 22.1  | 23.7  | 27.2  | 27.2  |
| 52.5° | 20.3  | 20.3  | 23.7  | 27.2  | 27.2  |
| 55°   | 18.7  | 20.3  | 23.7  | 25.4  | 27.2  |
| 57.5° | 16.9  | 20.3  | 23.7  | 25.4  | 25.4  |
| 60°   | 16.9  | 18.7  | 22.1  | 25.4  | 25.4  |
| 62.5° | 15.2  | 16.9  | 20.3  | 23.7  | 23.7  |
| 65°   | 15.2  | 16.9  | 20.3  | 23.7  | 23.7  |
| 66°   | 15.2  | 16.9  | 20.3  | 23.7  | 23.7  |
| 67.5° | 15.2  | 16.9  | 20.3  | 23.7  | 23.7  |
| 70°   | 15.2  | 16.9  | 20.3  | 22.1  | 22.1  |
| 72.5° | 13.6  | 15.2  | 18.7  | 22.1  | 22.1  |
| 75°   | 13.6  | 15.2  | 18.7  | 22.1  | 22.1  |
| 77.5° | 13.6  | 15.2  | 18.7  | 22.1  | 22.1  |
| 80°   | 13.6  | 15.2  | 18.7  | 20.3  | 22.1  |
| 82.5° | 11.8  | 15.2  | 16.9  | 20.3  | 20.3  |
| 85°   | 11.8  | 13.6  | 16.9  | 18.7  | 20.3  |
| 87.5° | 10.2  | 11.8  | 13.6  | 16.9  | 16.9  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)