

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: P153229

Luminaire Tested: **VXM-E02-LED-E1-SLR-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P153229  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: VXM-E02-LED-E1-SLR-7030  
Description: VISION SITE MEDIUM LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (42) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5082.7 lumens  
Efficiency: N/A  
Efficacy: 97.6 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

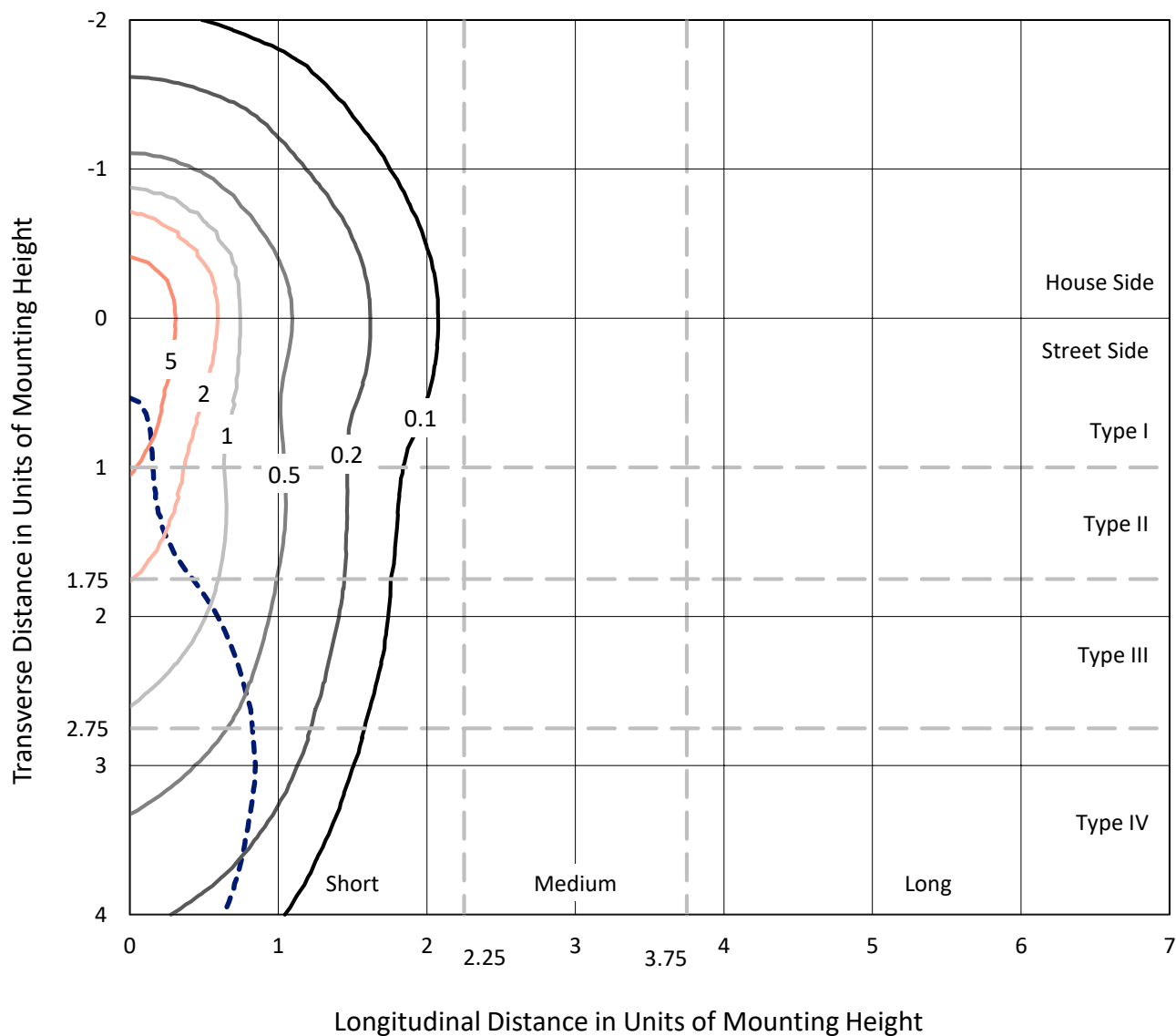


REPORT NUMBER: P153229

CATALOG NUMBER: VXM-E02-LED-E1-SLR-7030

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
- - - 1/2 Max cd

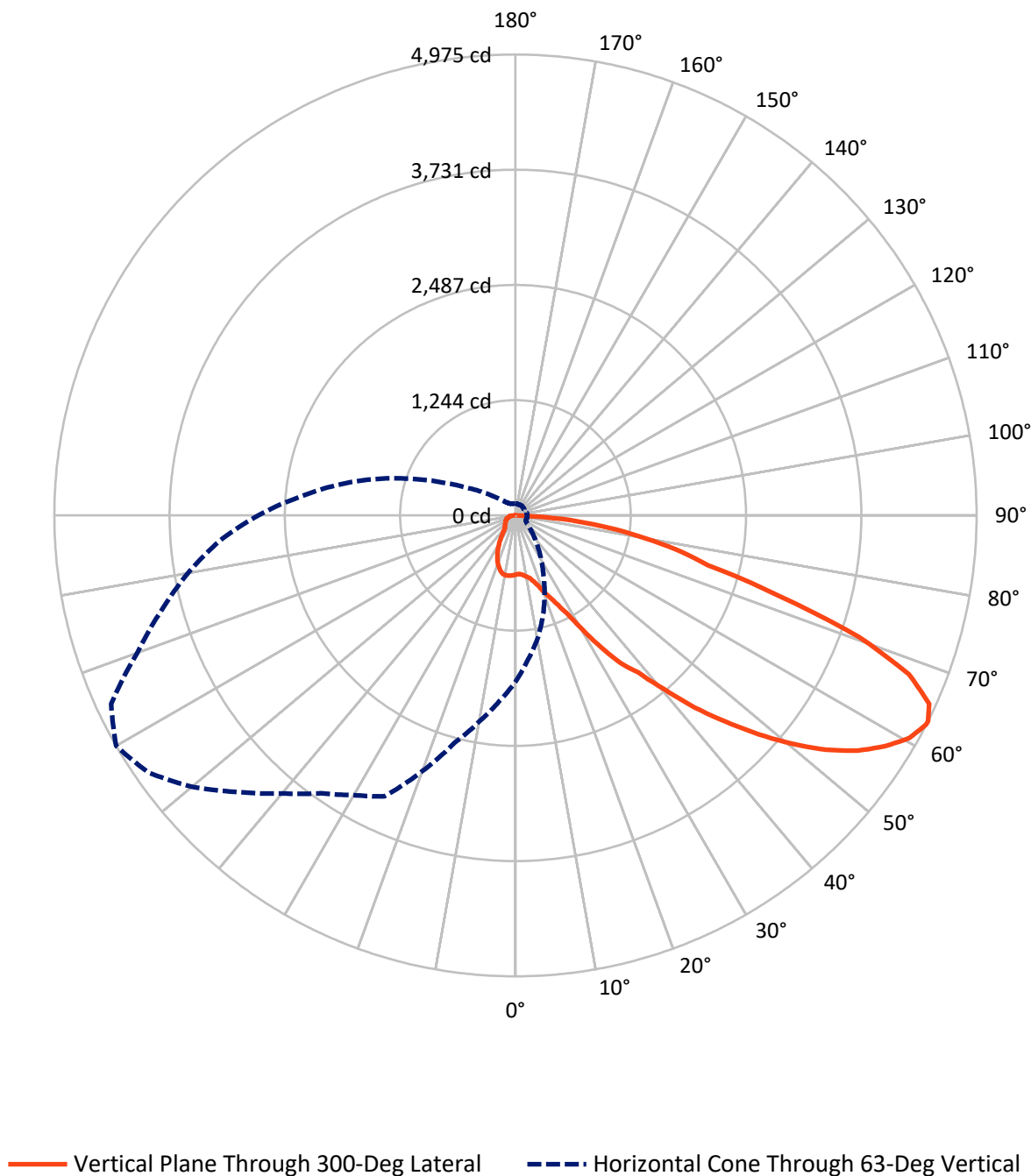


Based on 10 foot mounting height. Maximum calculated value = 8 fc  
Type IV - Short - Non-Cutoff

REPORT NUMBER: P153229

CATALOG NUMBER: VXM-E02-LED-E1-SLR-7030

## Luminous Intensity Polar Plot



REPORT NUMBER: P153229

CATALOG NUMBER: VXM-E02-LED-E1-SLR-7030

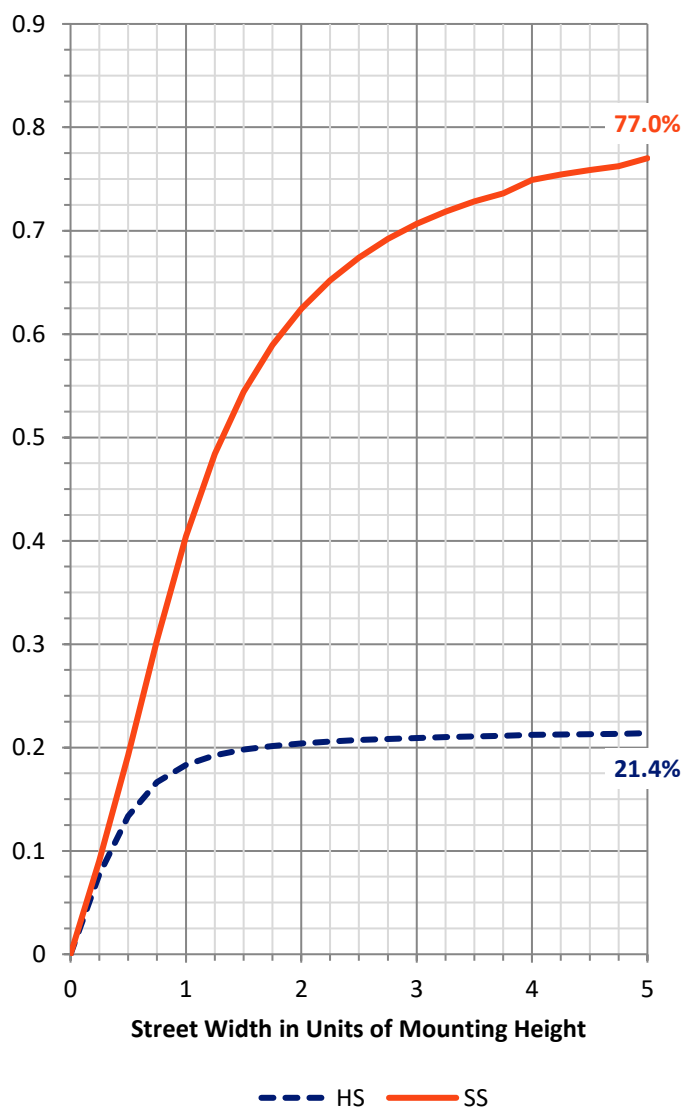
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1102.2   | 0.0    | 1102.2 |
|                    | % Fixture | 21.7     | 0.0    | 21.7   |
| <b>Street Side</b> | Lumens    | 3980.5   | 0.0    | 3980.5 |
|                    | % Fixture | 78.3     | 0.0    | 78.3   |
| <b>Total</b>       | Lumens    | 5082.7   | 0.0    | 5082.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 62.2   | 1.2       |
| 10°-20°   | 193.6  | 3.8       |
| 20°-30°   | 344.0  | 6.8       |
| 30°-40°   | 541.7  | 10.7      |
| 40°-50°   | 797.3  | 15.7      |
| 50°-60°   | 1059.0 | 20.8      |
| 60°-70°   | 1166.5 | 23.0      |
| 70°-80°   | 731.9  | 14.4      |
| 80°-90°   | 186.4  | 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°    | 5082.7 | 100.0     |
| 0°-180°   | 5082.7 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P153229

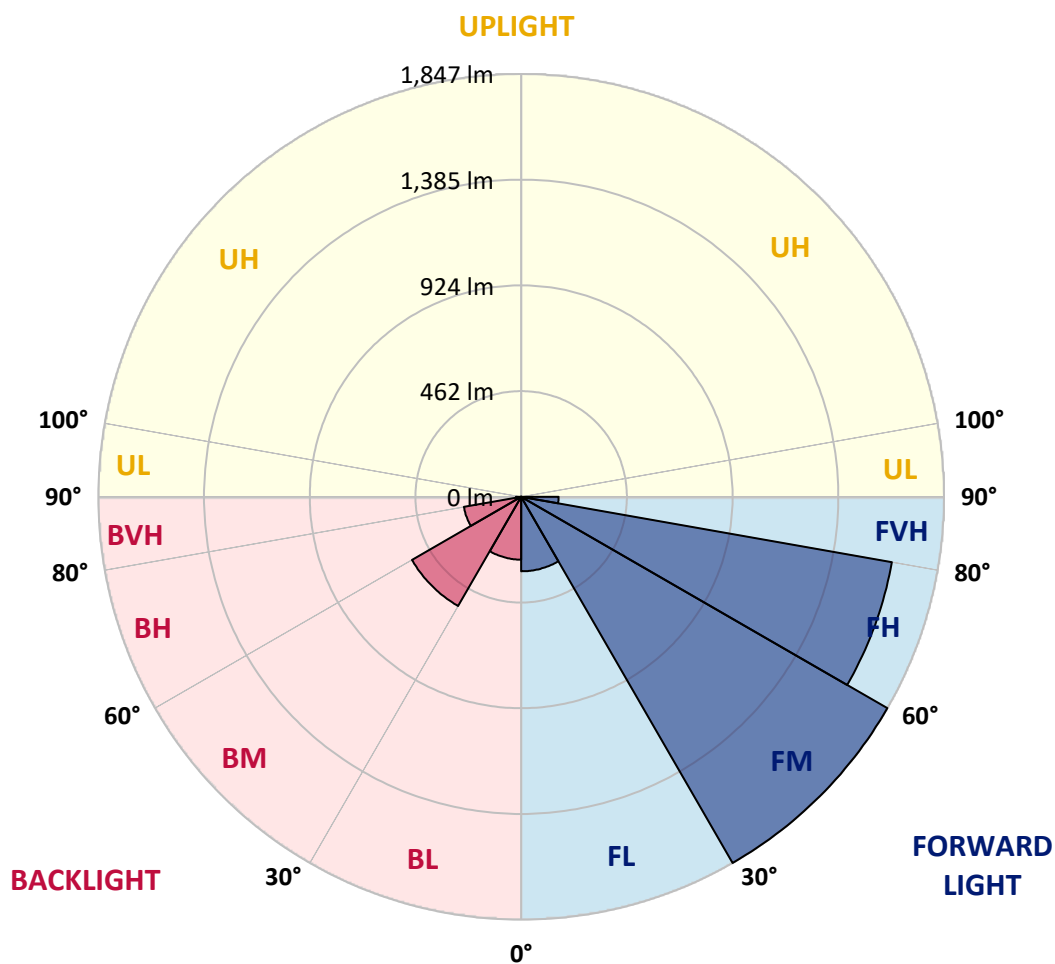
CATALOG NUMBER: VXM-E02-LED-E1-SLR-7030

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 325.4  | 6.4       |                         |      |         |
| FM   | (30°-60°)   | 1847.2 | 36.3      |                         |      |         |
| FH   | (60°-80°)   | 1644.3 | 32.4      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 163.6  | 3.2       |                         |      | G2/225  |
| BL   | (0°-30°)    | 274.4  | 5.4       | B1/500                  |      |         |
| BM   | (30°-60°)   | 550.9  | 10.8      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 254.1  | 5.0       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 22.8   | 0.4       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

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

Type IV Short



REPORT NUMBER: P153229

CATALOG NUMBER: VXM-E02-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 638.7  | 638.7  | 638.7  | 638.7  | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 |
| 2.5°  | 630.2  | 632.0  | 631.4  | 631.4  | 632.6 | 632.0 | 632.0 | 632.6 | 632.6 | 634.5 | 636.9 |
| 5°    | 625.3  | 624.7  | 623.5  | 624.7  | 624.7 | 624.7 | 622.3 | 624.1 | 624.7 | 625.9 | 625.9 |
| 7.5°  | 631.4  | 629.6  | 627.2  | 627.8  | 627.8 | 626.6 | 624.7 | 625.3 | 624.7 | 624.7 | 624.1 |
| 10°   | 639.3  | 635.1  | 632.0  | 632.0  | 632.0 | 630.8 | 627.8 | 629.6 | 629.6 | 629.0 | 629.6 |
| 12.5° | 653.3  | 648.5  | 644.8  | 643.6  | 643.6 | 641.8 | 639.3 | 641.8 | 640.6 | 640.6 | 639.3 |
| 15°   | 676.5  | 671.0  | 666.7  | 663.1  | 663.7 | 663.7 | 660.7 | 658.8 | 656.4 | 653.3 | 647.3 |
| 17.5° | 711.2  | 705.1  | 699.6  | 696.6  | 697.2 | 692.9 | 684.4 | 675.9 | 664.3 | 652.7 | 640.0 |
| 20°   | 760.5  | 758.7  | 751.4  | 748.3  | 741.0 | 730.7 | 706.9 | 686.8 | 664.3 | 642.4 | 620.5 |
| 22.5° | 845.8  | 837.2  | 829.9  | 818.4  | 794.0 | 765.4 | 725.8 | 690.5 | 655.2 | 624.1 | 594.9 |
| 25°   | 960.2  | 945.0  | 909.1  | 873.8  | 823.8 | 772.7 | 719.1 | 673.4 | 629.6 | 588.8 | 552.9 |
| 27.5° | 1072.9 | 1026.6 | 962.7  | 898.7  | 825.7 | 758.7 | 691.7 | 637.5 | 586.4 | 541.9 | 502.3 |
| 30°   | 1209.3 | 1131.3 | 1033.3 | 932.2  | 828.7 | 738.6 | 658.2 | 594.9 | 535.8 | 488.9 | 447.5 |
| 32.5° | 1337.1 | 1224.5 | 1096.0 | 963.3  | 835.4 | 719.7 | 619.9 | 548.0 | 487.1 | 428.1 | 387.3 |
| 35°   | 1424.8 | 1278.7 | 1122.8 | 966.3  | 819.0 | 683.8 | 571.8 | 487.1 | 426.2 | 371.4 | 323.3 |
| 37.5° | 1477.2 | 1302.4 | 1124.0 | 944.4  | 780.6 | 635.1 | 510.9 | 426.8 | 370.8 | 318.5 | 280.7 |
| 40°   | 1510.1 | 1307.9 | 1108.2 | 912.7  | 731.9 | 573.6 | 450.0 | 374.5 | 323.3 | 281.3 | 252.1 |
| 42.5° | 1525.9 | 1299.4 | 1082.6 | 872.6  | 682.6 | 518.8 | 407.4 | 336.1 | 291.7 | 261.8 | 239.9 |
| 45°   | 1528.3 | 1284.2 | 1055.2 | 836.0  | 638.7 | 479.2 | 378.1 | 320.3 | 283.7 | 258.8 | 236.9 |
| 47.5° | 1528.3 | 1270.8 | 1033.3 | 809.2  | 610.1 | 462.2 | 375.7 | 327.0 | 291.1 | 263.0 | 236.9 |
| 50°   | 1529.6 | 1266.5 | 1024.2 | 795.8  | 600.4 | 471.3 | 396.4 | 347.7 | 306.9 | 270.4 | 236.3 |
| 52.5° | 1535.0 | 1272.0 | 1031.5 | 806.2  | 618.0 | 507.8 | 435.4 | 378.7 | 327.6 | 278.9 | 236.3 |
| 55°   | 1547.2 | 1290.3 | 1062.5 | 842.1  | 665.5 | 563.2 | 482.2 | 412.2 | 344.0 | 282.5 | 232.6 |
| 57.5° | 1581.3 | 1336.5 | 1119.2 | 911.5  | 746.5 | 627.2 | 524.9 | 436.0 | 350.1 | 279.5 | 225.3 |
| 60°   | 1649.5 | 1428.5 | 1216.0 | 1008.9 | 832.4 | 682.0 | 549.8 | 439.6 | 344.6 | 269.7 | 213.7 |
| 62.5° | 1758.5 | 1533.8 | 1333.5 | 1114.9 | 908.5 | 712.4 | 552.9 | 430.5 | 330.0 | 252.1 | 196.7 |
| 63°   | 1796.3 | 1560.0 | 1358.5 | 1135.0 | 918.2 | 714.8 | 550.4 | 426.8 | 326.4 | 247.2 | 194.2 |
| 65°   | 1901.6 | 1670.2 | 1444.9 | 1205.6 | 945.6 | 715.5 | 537.0 | 408.6 | 309.3 | 228.3 | 177.2 |
| 67.5° | 2098.3 | 1815.1 | 1553.9 | 1261.0 | 955.4 | 696.0 | 503.0 | 374.5 | 273.4 | 199.1 | 155.9 |
| 70°   | 2222.5 | 1896.1 | 1595.9 | 1262.3 | 926.7 | 640.6 | 443.9 | 319.1 | 227.7 | 165.0 | 134.0 |
| 72.5° | 2190.2 | 1816.3 | 1485.1 | 1148.4 | 803.1 | 535.2 | 356.8 | 250.9 | 177.8 | 132.1 | 111.4 |
| 75°   | 1876.0 | 1511.9 | 1211.7 | 889.6  | 607.1 | 393.3 | 261.2 | 179.0 | 131.5 | 103.5 | 93.2  |
| 77.5° | 1350.5 | 1088.1 | 868.9  | 633.9  | 409.2 | 254.5 | 173.5 | 127.9 | 99.9  | 85.2  | 76.7  |
| 80°   | 860.4  | 638.1  | 531.6  | 381.2  | 239.3 | 157.7 | 119.3 | 96.8  | 82.2  | 71.2  | 65.8  |
| 82.5° | 449.4  | 314.8  | 255.7  | 194.8  | 132.7 | 104.1 | 87.7  | 79.2  | 67.6  | 59.1  | 56.0  |
| 85°   | 280.1  | 185.7  | 137.6  | 96.2   | 66.4  | 59.7  | 54.8  | 53.6  | 48.1  | 42.6  | 40.8  |
| 87.5° | 31.7   | 28.6   | 29.8   | 18.9   | 14.0  | 15.2  | 14.6  | 19.5  | 18.9  | 14.0  | 14.6  |
| 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: P153229

CATALOG NUMBER: VXM-E02-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (continued):**

|       | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 |
| 2.5°  | 634.5 | 635.7 | 635.7 | 637.5 | 637.5 | 638.7 | 640.0 | 640.0 | 641.2 | 641.8 | 643.0 |
| 5°    | 627.2 | 627.2 | 627.2 | 629.6 | 630.2 | 633.9 | 635.1 | 636.3 | 637.5 | 641.8 | 644.2 |
| 7.5°  | 625.3 | 622.9 | 624.1 | 624.1 | 625.9 | 629.0 | 632.0 | 633.9 | 635.7 | 641.2 | 644.8 |
| 10°   | 629.0 | 627.2 | 625.3 | 625.3 | 625.9 | 627.2 | 629.6 | 631.4 | 632.6 | 638.1 | 641.2 |
| 12.5° | 638.7 | 634.5 | 630.8 | 627.8 | 625.3 | 624.7 | 623.5 | 624.1 | 625.3 | 628.4 | 632.6 |
| 15°   | 640.6 | 632.6 | 624.7 | 616.8 | 610.7 | 607.1 | 604.0 | 602.8 | 602.8 | 604.6 | 609.5 |
| 17.5° | 628.4 | 615.0 | 603.4 | 593.1 | 586.4 | 579.7 | 576.6 | 574.2 | 573.0 | 575.4 | 576.0 |
| 20°   | 602.2 | 586.4 | 570.5 | 558.4 | 546.2 | 544.4 | 539.5 | 540.7 | 541.9 | 545.6 | 547.4 |
| 22.5° | 566.3 | 547.4 | 527.9 | 515.1 | 505.4 | 496.9 | 491.4 | 493.8 | 495.6 | 499.3 | 501.1 |
| 25°   | 522.4 | 495.0 | 474.3 | 461.5 | 451.2 | 443.9 | 437.8 | 440.2 | 437.8 | 442.1 | 448.8 |
| 27.5° | 470.7 | 438.4 | 416.5 | 401.9 | 394.6 | 388.5 | 382.4 | 382.4 | 388.5 | 388.5 | 394.0 |
| 30°   | 408.0 | 384.2 | 355.6 | 340.4 | 331.2 | 327.6 | 327.0 | 325.8 | 330.0 | 332.5 | 338.5 |
| 32.5° | 348.9 | 319.7 | 292.3 | 277.7 | 269.7 | 265.5 | 266.1 | 266.7 | 268.5 | 272.2 | 281.9 |
| 35°   | 289.2 | 263.7 | 244.2 | 227.7 | 219.8 | 211.9 | 211.9 | 210.7 | 212.5 | 216.8 | 228.3 |
| 37.5° | 250.9 | 228.3 | 213.1 | 200.3 | 192.4 | 187.5 | 183.3 | 181.5 | 181.5 | 183.3 | 187.5 |
| 40°   | 229.6 | 213.1 | 199.1 | 188.2 | 180.8 | 176.6 | 174.1 | 172.3 | 171.1 | 171.1 | 171.7 |
| 42.5° | 219.8 | 202.8 | 188.8 | 179.0 | 173.5 | 171.1 | 170.5 | 169.9 | 168.1 | 167.4 | 166.8 |
| 45°   | 214.9 | 195.5 | 179.6 | 171.7 | 167.4 | 166.2 | 166.8 | 166.8 | 166.2 | 165.0 | 162.6 |
| 47.5° | 211.3 | 188.8 | 172.9 | 165.6 | 163.8 | 163.8 | 163.8 | 163.8 | 163.2 | 162.6 | 160.7 |
| 50°   | 205.2 | 178.4 | 161.4 | 155.9 | 154.7 | 154.7 | 155.3 | 155.3 | 156.5 | 155.3 | 154.1 |
| 52.5° | 198.5 | 168.7 | 151.6 | 146.7 | 146.1 | 145.5 | 145.5 | 145.5 | 146.1 | 146.1 | 145.5 |
| 55°   | 191.2 | 161.4 | 146.7 | 143.1 | 143.7 | 143.1 | 142.5 | 141.9 | 141.9 | 141.3 | 140.0 |
| 57.5° | 183.9 | 155.3 | 143.1 | 140.7 | 141.3 | 141.3 | 140.0 | 138.8 | 138.2 | 136.4 | 135.2 |
| 60°   | 172.9 | 146.7 | 135.8 | 134.6 | 136.4 | 136.4 | 136.4 | 135.8 | 135.8 | 135.2 | 132.1 |
| 62.5° | 158.3 | 134.6 | 126.0 | 126.7 | 127.3 | 128.5 | 128.5 | 128.5 | 128.5 | 127.3 | 124.2 |
| 63°   | 155.3 | 132.1 | 124.2 | 124.2 | 126.0 | 126.0 | 126.7 | 126.0 | 126.7 | 125.4 | 121.8 |
| 65°   | 143.1 | 124.2 | 118.1 | 118.7 | 120.0 | 120.0 | 120.0 | 119.3 | 119.3 | 117.5 | 115.7 |
| 67.5° | 129.1 | 114.5 | 110.8 | 111.4 | 112.0 | 113.3 | 112.6 | 112.6 | 113.3 | 112.0 | 110.2 |
| 70°   | 113.3 | 104.1 | 101.7 | 102.3 | 102.9 | 102.9 | 102.3 | 102.3 | 102.9 | 101.7 | 99.9  |
| 72.5° | 101.1 | 97.4  | 95.6  | 95.6  | 94.4  | 94.4  | 93.2  | 92.6  | 91.9  | 91.9  | 90.1  |
| 75°   | 85.2  | 84.6  | 85.2  | 86.5  | 85.2  | 84.0  | 83.4  | 81.6  | 80.4  | 80.4  | 79.8  |
| 77.5° | 73.1  | 73.1  | 74.3  | 76.1  | 76.7  | 76.7  | 74.9  | 71.9  | 71.2  | 71.2  | 71.2  |
| 80°   | 63.3  | 62.1  | 62.1  | 63.9  | 65.8  | 65.2  | 62.1  | 59.1  | 59.1  | 62.1  | 62.7  |
| 82.5° | 55.4  | 55.4  | 53.6  | 54.2  | 53.6  | 53.0  | 49.9  | 48.1  | 47.5  | 49.9  | 52.4  |
| 85°   | 43.8  | 44.4  | 43.8  | 43.2  | 42.6  | 40.8  | 38.4  | 36.5  | 35.9  | 38.4  | 42.0  |
| 87.5° | 17.7  | 17.0  | 16.4  | 17.0  | 16.4  | 17.7  | 17.0  | 15.8  | 15.2  | 17.0  | 20.7  |
| 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: P153229

CATALOG NUMBER: VXM-E02-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 |
| 2.5°  | 643.6 | 644.8 | 646.0 | 646.0 | 647.3 | 646.7 | 647.3 | 647.9 | 647.9 | 648.5 | 648.5 |
| 5°    | 647.3 | 649.1 | 651.5 | 654.0 | 654.6 | 656.4 | 658.2 | 657.0 | 658.8 | 661.3 | 661.3 |
| 7.5°  | 648.5 | 652.7 | 654.6 | 658.2 | 658.8 | 661.3 | 665.5 | 662.5 | 666.1 | 668.0 | 668.6 |
| 10°   | 646.7 | 650.9 | 654.0 | 658.2 | 660.0 | 664.3 | 668.6 | 667.4 | 671.6 | 674.7 | 675.3 |
| 12.5° | 635.7 | 640.0 | 646.7 | 652.7 | 657.6 | 664.3 | 672.2 | 669.8 | 675.9 | 679.5 | 681.4 |
| 15°   | 614.4 | 618.6 | 625.9 | 635.7 | 644.8 | 655.2 | 665.5 | 667.4 | 673.4 | 677.7 | 679.5 |
| 17.5° | 580.9 | 586.4 | 594.3 | 604.6 | 616.2 | 633.9 | 647.3 | 654.0 | 662.5 | 664.9 | 668.0 |
| 20°   | 549.8 | 555.3 | 560.2 | 566.3 | 574.8 | 591.9 | 609.5 | 622.9 | 633.9 | 643.0 | 645.4 |
| 22.5° | 508.4 | 513.3 | 519.4 | 524.3 | 530.4 | 542.5 | 557.1 | 572.4 | 589.4 | 594.9 | 601.0 |
| 25°   | 458.5 | 461.5 | 470.1 | 473.1 | 477.4 | 487.7 | 499.3 | 510.3 | 526.7 | 538.3 | 541.3 |
| 27.5° | 404.9 | 408.0 | 415.9 | 417.7 | 423.2 | 432.9 | 441.5 | 445.7 | 460.9 | 473.1 | 482.9 |
| 30°   | 342.8 | 350.7 | 360.5 | 361.7 | 367.8 | 373.9 | 381.8 | 386.0 | 400.0 | 412.8 | 425.0 |
| 32.5° | 289.2 | 297.1 | 305.1 | 309.9 | 313.0 | 317.8 | 325.8 | 330.0 | 343.4 | 355.0 | 367.2 |
| 35°   | 234.4 | 244.2 | 252.7 | 259.4 | 261.8 | 267.9 | 274.0 | 278.3 | 292.3 | 302.6 | 311.1 |
| 37.5° | 193.0 | 200.3 | 209.5 | 216.2 | 222.9 | 227.1 | 234.4 | 240.5 | 249.0 | 254.5 | 263.7 |
| 40°   | 172.9 | 176.6 | 181.5 | 186.9 | 192.4 | 197.3 | 202.8 | 207.6 | 213.1 | 220.4 | 226.5 |
| 42.5° | 166.2 | 166.8 | 166.8 | 168.7 | 171.7 | 174.1 | 179.0 | 182.7 | 186.3 | 191.8 | 194.8 |
| 45°   | 161.4 | 160.7 | 159.5 | 158.3 | 158.9 | 160.1 | 163.2 | 165.6 | 169.9 | 172.3 | 172.9 |
| 47.5° | 158.9 | 156.5 | 154.1 | 152.2 | 151.6 | 152.2 | 154.7 | 157.1 | 159.5 | 161.4 | 162.0 |
| 50°   | 151.0 | 149.2 | 145.5 | 143.1 | 141.9 | 143.1 | 146.1 | 147.4 | 149.8 | 151.6 | 152.2 |
| 52.5° | 143.1 | 140.7 | 138.2 | 135.8 | 135.8 | 136.4 | 138.8 | 141.3 | 143.7 | 144.3 | 145.5 |
| 55°   | 138.2 | 134.6 | 132.1 | 130.3 | 129.1 | 130.9 | 132.7 | 135.8 | 138.8 | 139.4 | 140.7 |
| 57.5° | 133.3 | 129.7 | 127.3 | 125.4 | 124.2 | 126.0 | 127.9 | 132.1 | 135.8 | 135.8 | 135.8 |
| 60°   | 130.3 | 127.3 | 123.6 | 121.8 | 120.0 | 121.8 | 124.2 | 128.5 | 132.1 | 131.5 | 130.9 |
| 62.5° | 121.8 | 118.7 | 116.9 | 116.9 | 115.1 | 118.1 | 120.6 | 125.4 | 126.0 | 124.8 | 123.6 |
| 63°   | 119.3 | 116.9 | 115.7 | 115.7 | 114.5 | 117.5 | 120.0 | 124.2 | 124.2 | 123.0 | 121.8 |
| 65°   | 113.3 | 111.4 | 110.2 | 111.4 | 111.4 | 114.5 | 115.1 | 118.1 | 117.5 | 115.7 | 115.1 |
| 67.5° | 108.4 | 107.2 | 105.9 | 105.9 | 105.9 | 106.6 | 107.2 | 108.4 | 107.8 | 107.2 | 107.8 |
| 70°   | 100.5 | 99.9  | 98.6  | 98.6  | 98.0  | 98.0  | 98.0  | 98.6  | 98.6  | 99.3  | 99.9  |
| 72.5° | 90.7  | 89.5  | 89.5  | 90.1  | 88.9  | 89.5  | 90.1  | 89.5  | 90.7  | 90.7  | 91.3  |
| 75°   | 79.8  | 79.2  | 80.4  | 81.6  | 81.0  | 81.0  | 81.6  | 81.6  | 82.2  | 82.2  | 82.8  |
| 77.5° | 71.2  | 71.9  | 72.5  | 73.7  | 74.3  | 74.3  | 74.3  | 73.7  | 74.3  | 74.3  | 74.9  |
| 80°   | 63.3  | 64.5  | 65.8  | 67.0  | 67.6  | 67.6  | 67.6  | 67.0  | 67.0  | 67.0  | 67.0  |
| 82.5° | 57.2  | 59.1  | 60.3  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 59.7  | 58.5  |
| 85°   | 48.1  | 51.8  | 51.8  | 52.4  | 50.5  | 49.3  | 48.1  | 48.7  | 49.3  | 46.9  | 46.3  |
| 87.5° | 24.4  | 24.4  | 25.6  | 26.8  | 27.4  | 27.4  | 31.1  | 29.2  | 28.6  | 28.0  | 26.8  |
| 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: P153229

CATALOG NUMBER: VXM-E02-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 |
| 2.5°  | 649.1 | 648.5 | 649.7 | 648.5 | 649.1 | 649.7 | 648.5 | 650.3 | 651.5 | 649.7 | 647.9 |
| 5°    | 662.5 | 662.5 | 665.5 | 666.7 | 667.4 | 671.0 | 669.2 | 670.4 | 671.6 | 671.0 | 671.6 |
| 7.5°  | 671.0 | 673.4 | 676.5 | 679.5 | 680.1 | 683.2 | 682.6 | 684.4 | 685.6 | 688.7 | 688.7 |
| 10°   | 678.3 | 681.4 | 685.6 | 688.7 | 691.7 | 694.1 | 695.4 | 699.0 | 699.6 | 702.1 | 702.1 |
| 12.5° | 685.0 | 688.7 | 692.9 | 697.8 | 700.8 | 705.7 | 706.3 | 711.8 | 713.6 | 714.2 | 712.4 |
| 15°   | 683.8 | 688.1 | 692.9 | 698.4 | 703.9 | 710.0 | 713.6 | 719.1 | 722.2 | 723.4 | 720.3 |
| 17.5° | 672.2 | 675.9 | 682.0 | 689.3 | 696.0 | 703.9 | 710.6 | 718.5 | 723.4 | 724.6 | 724.0 |
| 20°   | 649.7 | 652.1 | 660.0 | 669.8 | 677.7 | 689.9 | 699.6 | 711.8 | 719.7 | 725.8 | 727.6 |
| 22.5° | 605.2 | 611.3 | 619.3 | 630.2 | 641.8 | 657.0 | 671.0 | 688.7 | 705.7 | 720.3 | 734.9 |
| 25°   | 551.7 | 562.6 | 574.8 | 589.4 | 603.4 | 619.3 | 635.1 | 655.2 | 680.1 | 710.6 | 745.3 |
| 27.5° | 497.5 | 516.3 | 531.6 | 550.4 | 566.9 | 582.7 | 600.4 | 622.3 | 649.7 | 686.2 | 730.7 |
| 30°   | 442.7 | 464.0 | 480.4 | 502.3 | 524.3 | 545.6 | 563.2 | 586.4 | 613.2 | 650.3 | 699.0 |
| 32.5° | 384.2 | 405.5 | 425.0 | 445.1 | 469.5 | 495.0 | 516.3 | 545.0 | 573.6 | 611.9 | 661.3 |
| 35°   | 323.9 | 342.8 | 359.3 | 380.6 | 407.4 | 434.8 | 462.8 | 495.6 | 526.7 | 566.9 | 619.3 |
| 37.5° | 271.6 | 285.0 | 300.8 | 319.7 | 340.4 | 369.6 | 401.3 | 440.2 | 475.6 | 519.4 | 573.0 |
| 40°   | 228.3 | 235.6 | 244.8 | 260.6 | 279.5 | 308.1 | 339.2 | 380.6 | 423.2 | 471.3 | 523.0 |
| 42.5° | 194.8 | 198.5 | 200.9 | 211.3 | 226.5 | 254.5 | 284.4 | 324.5 | 371.4 | 423.8 | 476.2 |
| 45°   | 172.9 | 174.8 | 175.4 | 180.8 | 191.8 | 216.2 | 247.2 | 281.3 | 326.4 | 377.5 | 432.3 |
| 47.5° | 162.6 | 164.4 | 165.6 | 166.8 | 173.5 | 192.4 | 220.4 | 252.7 | 294.1 | 341.0 | 397.0 |
| 50°   | 154.1 | 155.9 | 157.7 | 157.1 | 160.1 | 172.3 | 196.1 | 225.9 | 264.9 | 308.1 | 363.5 |
| 52.5° | 145.5 | 146.7 | 146.7 | 146.7 | 148.6 | 156.5 | 173.5 | 200.9 | 236.9 | 277.7 | 332.5 |
| 55°   | 140.7 | 141.9 | 142.5 | 143.1 | 143.7 | 148.0 | 160.7 | 182.7 | 213.7 | 251.5 | 300.8 |
| 57.5° | 135.8 | 136.4 | 137.6 | 138.2 | 139.4 | 141.9 | 149.8 | 165.6 | 191.8 | 223.5 | 264.9 |
| 60°   | 131.5 | 132.7 | 135.2 | 135.8 | 137.0 | 137.6 | 141.3 | 151.0 | 168.1 | 192.4 | 225.9 |
| 62.5° | 124.8 | 126.7 | 129.1 | 129.7 | 130.9 | 131.5 | 132.1 | 137.6 | 145.5 | 160.1 | 185.1 |
| 63°   | 123.0 | 124.8 | 127.9 | 128.5 | 129.1 | 129.1 | 129.7 | 133.3 | 140.7 | 153.4 | 171.7 |
| 65°   | 116.3 | 118.7 | 120.6 | 121.2 | 121.8 | 121.8 | 121.2 | 122.4 | 123.0 | 128.5 | 139.4 |
| 67.5° | 109.0 | 110.8 | 112.0 | 112.6 | 112.0 | 112.6 | 112.0 | 110.8 | 109.6 | 110.8 | 115.7 |
| 70°   | 101.7 | 102.9 | 102.9 | 103.5 | 104.1 | 104.7 | 103.5 | 102.3 | 101.1 | 100.5 | 103.5 |
| 72.5° | 93.2  | 94.4  | 94.4  | 95.0  | 95.0  | 96.2  | 96.2  | 95.6  | 95.6  | 96.2  | 96.8  |
| 75°   | 84.6  | 85.9  | 85.2  | 86.5  | 86.5  | 88.3  | 88.3  | 88.9  | 90.1  | 89.5  | 88.9  |
| 77.5° | 76.7  | 77.3  | 77.3  | 77.9  | 78.5  | 81.6  | 83.4  | 84.0  | 84.0  | 82.8  | 81.6  |
| 80°   | 68.2  | 68.2  | 67.0  | 66.4  | 67.0  | 70.0  | 73.7  | 74.3  | 76.1  | 75.5  | 76.1  |
| 82.5° | 57.2  | 54.8  | 53.0  | 53.0  | 54.2  | 56.0  | 57.2  | 58.5  | 59.7  | 59.7  | 60.9  |
| 85°   | 43.8  | 41.4  | 39.6  | 40.2  | 42.0  | 42.6  | 42.0  | 42.0  | 44.4  | 46.3  | 44.4  |
| 87.5° | 26.2  | 23.7  | 22.5  | 20.7  | 21.3  | 23.1  | 22.5  | 20.7  | 21.3  | 17.0  | 15.8  |
| 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: P153229

CATALOG NUMBER: VXM-E02-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0°    | 638.7 | 638.7 | 638.7 | 638.7 | 638.7 | 638.7  | 638.7  | 638.7  | 638.7  | 638.7  | 638.7  |
| 2.5°  | 649.1 | 648.5 | 647.3 | 645.4 | 644.8 | 643.6  | 644.2  | 642.4  | 641.2  | 640.0  | 638.1  |
| 5°    | 671.6 | 671.6 | 668.0 | 668.0 | 666.1 | 665.5  | 661.3  | 659.4  | 655.8  | 657.0  | 652.7  |
| 7.5°  | 687.4 | 689.3 | 685.0 | 684.4 | 682.0 | 681.4  | 675.9  | 674.1  | 671.0  | 669.8  | 666.1  |
| 10°   | 699.0 | 699.0 | 693.5 | 689.3 | 686.2 | 683.2  | 677.7  | 675.3  | 672.8  | 673.4  | 671.0  |
| 12.5° | 708.2 | 703.9 | 696.0 | 689.9 | 685.6 | 682.6  | 678.3  | 676.5  | 675.9  | 680.1  | 680.8  |
| 15°   | 715.5 | 709.4 | 699.6 | 695.4 | 691.7 | 691.1  | 691.1  | 692.9  | 697.2  | 705.1  | 711.2  |
| 17.5° | 719.7 | 716.1 | 711.2 | 710.0 | 716.1 | 719.7  | 724.6  | 730.1  | 736.2  | 747.1  | 753.8  |
| 20°   | 727.6 | 730.1 | 733.7 | 738.6 | 748.3 | 757.5  | 763.6  | 771.5  | 778.8  | 792.2  | 803.1  |
| 22.5° | 748.3 | 762.3 | 773.9 | 783.7 | 798.3 | 811.1  | 819.0  | 829.9  | 835.4  | 844.5  | 861.6  |
| 25°   | 775.1 | 803.7 | 828.1 | 848.8 | 871.3 | 884.7  | 895.7  | 909.7  | 918.2  | 933.4  | 948.7  |
| 27.5° | 767.2 | 808.0 | 844.5 | 882.9 | 914.0 | 948.7  | 973.0  | 996.2  | 1010.8 | 1033.3 | 1053.4 |
| 30°   | 742.9 | 791.6 | 840.9 | 891.4 | 940.8 | 990.7  | 1037.0 | 1079.0 | 1111.2 | 1143.5 | 1176.4 |
| 32.5° | 710.0 | 766.0 | 826.3 | 888.4 | 952.9 | 1022.3 | 1086.3 | 1149.6 | 1203.2 | 1250.1 | 1295.7 |
| 35°   | 672.2 | 735.6 | 798.3 | 875.0 | 954.8 | 1043.0 | 1131.9 | 1219.6 | 1301.2 | 1384.0 | 1440.0 |
| 37.5° | 627.2 | 691.7 | 761.7 | 850.0 | 943.8 | 1052.8 | 1166.0 | 1280.5 | 1396.2 | 1507.6 | 1604.5 |
| 40°   | 579.1 | 644.8 | 718.5 | 814.1 | 920.0 | 1046.7 | 1188.0 | 1342.0 | 1500.9 | 1662.3 | 1790.8 |
| 42.5° | 536.4 | 604.0 | 684.4 | 781.2 | 896.3 | 1038.8 | 1205.6 | 1395.0 | 1589.2 | 1788.9 | 1977.7 |
| 45°   | 495.0 | 569.3 | 654.0 | 758.1 | 885.9 | 1044.9 | 1231.8 | 1444.3 | 1668.4 | 1910.7 | 2140.9 |
| 47.5° | 457.9 | 533.4 | 615.6 | 729.5 | 870.7 | 1047.9 | 1257.4 | 1493.6 | 1743.3 | 2005.7 | 2279.1 |
| 50°   | 424.4 | 497.5 | 578.5 | 692.9 | 847.0 | 1046.1 | 1280.5 | 1538.1 | 1807.8 | 2080.6 | 2385.7 |
| 52.5° | 391.5 | 465.8 | 548.6 | 657.6 | 817.8 | 1035.7 | 1291.5 | 1574.6 | 1867.5 | 2156.1 | 2471.5 |
| 55°   | 359.3 | 432.3 | 515.7 | 624.1 | 779.4 | 1008.9 | 1290.3 | 1598.4 | 1915.0 | 2227.4 | 2554.3 |
| 57.5° | 321.5 | 390.9 | 472.5 | 587.0 | 738.6 | 967.5  | 1272.0 | 1609.3 | 1955.8 | 2298.0 | 2653.6 |
| 60°   | 274.6 | 339.8 | 418.3 | 532.8 | 685.0 | 914.6  | 1233.6 | 1603.2 | 1979.5 | 2350.4 | 2738.2 |
| 62.5° | 216.8 | 273.4 | 345.2 | 457.3 | 618.0 | 838.5  | 1161.8 | 1547.8 | 1941.8 | 2343.0 | 2777.8 |
| 63°   | 204.6 | 258.2 | 328.2 | 439.0 | 589.4 | 817.8  | 1140.5 | 1525.9 | 1923.5 | 2327.8 | 2772.3 |
| 65°   | 164.4 | 199.1 | 255.1 | 354.4 | 493.2 | 716.1  | 1034.5 | 1413.3 | 1825.5 | 2220.7 | 2693.2 |
| 67.5° | 126.0 | 143.7 | 173.5 | 243.0 | 348.9 | 563.2  | 837.8  | 1197.7 | 1584.4 | 1955.8 | 2438.0 |
| 70°   | 107.8 | 115.7 | 128.5 | 161.4 | 221.6 | 355.6  | 588.2  | 893.3  | 1228.2 | 1550.3 | 1983.8 |
| 72.5° | 98.0  | 101.7 | 108.4 | 122.4 | 152.2 | 213.1  | 375.1  | 581.5  | 835.4  | 1105.2 | 1440.0 |
| 75°   | 90.1  | 93.2  | 98.6  | 105.9 | 116.9 | 141.9  | 213.7  | 355.6  | 543.1  | 725.8  | 971.8  |
| 77.5° | 82.2  | 84.0  | 90.1  | 96.8  | 104.1 | 116.9  | 141.3  | 204.6  | 312.4  | 428.1  | 585.8  |
| 80°   | 75.5  | 74.3  | 78.5  | 89.5  | 96.8  | 104.1  | 111.4  | 132.7  | 177.8  | 234.4  | 316.6  |
| 82.5° | 60.3  | 61.5  | 65.2  | 76.1  | 79.2  | 77.3   | 78.5   | 82.2   | 99.3   | 108.4  | 162.0  |
| 85°   | 40.8  | 37.8  | 37.1  | 38.4  | 38.4  | 36.5   | 36.5   | 35.9   | 39.6   | 45.1   | 77.3   |
| 87.5° | 11.0  | 5.5   | 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    |

REPORT NUMBER: P153229  
CATALOG NUMBER: VXM-E02-LED-E1-SLR-7030

REPORT N  
CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |       |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0°    | 638.7  | 638.7  | 638.7  | 638.7  | 638.7  | 638.7  | 638.7  | 638.7  | 638.7  | 638.7  | 638.7  | 0°    |
| 2.5°  | 636.9  | 636.3  | 636.9  | 633.9  | 633.9  | 633.3  | 632.6  | 631.4  | 631.4  | 629.0  | 630.8  | 2.5°  |
| 5°    | 649.1  | 647.9  | 645.4  | 641.8  | 640.0  | 637.5  | 637.5  | 635.1  | 633.3  | 630.8  | 631.4  | 5°    |
| 7.5°  | 663.1  | 663.7  | 659.4  | 656.4  | 655.2  | 652.7  | 653.3  | 649.7  | 650.3  | 648.5  | 647.3  | 7.5°  |
| 10°   | 671.0  | 671.0  | 672.2  | 671.6  | 672.8  | 672.8  | 674.7  | 672.2  | 671.0  | 669.2  | 669.2  | 10°   |
| 12.5° | 683.8  | 686.2  | 691.1  | 691.1  | 694.8  | 696.0  | 696.6  | 697.8  | 695.4  | 694.1  | 689.9  | 12.5° |
| 15°   | 715.5  | 721.5  | 725.8  | 731.9  | 739.2  | 741.6  | 741.6  | 739.2  | 738.0  | 736.2  | 728.2  | 15°   |
| 17.5° | 767.8  | 781.2  | 784.9  | 794.6  | 795.8  | 798.9  | 807.4  | 802.5  | 799.5  | 786.7  | 784.3  | 17.5° |
| 20°   | 821.4  | 838.5  | 855.5  | 867.7  | 873.8  | 885.9  | 887.8  | 885.3  | 873.2  | 861.0  | 855.5  | 20°   |
| 22.5° | 885.9  | 911.5  | 931.0  | 949.9  | 959.0  | 965.1  | 978.5  | 975.5  | 965.7  | 947.4  | 940.1  | 22.5° |
| 25°   | 977.3  | 1008.9 | 1029.7 | 1052.8 | 1065.0 | 1071.1 | 1084.5 | 1084.5 | 1074.1 | 1068.6 | 1068.0 | 25°   |
| 27.5° | 1092.4 | 1131.3 | 1165.4 | 1173.4 | 1205.0 | 1212.3 | 1225.1 | 1225.1 | 1215.4 | 1208.7 | 1240.9 | 27.5° |
| 30°   | 1220.2 | 1261.0 | 1320.1 | 1359.7 | 1398.0 | 1435.8 | 1435.2 | 1437.6 | 1449.2 | 1455.3 | 1469.3 | 30°   |
| 32.5° | 1348.1 | 1398.6 | 1461.4 | 1547.2 | 1629.4 | 1699.4 | 1790.2 | 1848.0 | 1830.4 | 1781.0 | 1761.5 | 32.5° |
| 35°   | 1503.4 | 1559.4 | 1635.5 | 1722.0 | 1872.4 | 1963.1 | 2006.9 | 2038.0 | 2041.6 | 2048.3 | 2062.3 | 35°   |
| 37.5° | 1676.3 | 1770.1 | 1858.4 | 1956.4 | 2039.8 | 2150.0 | 2251.7 | 2333.3 | 2352.2 | 2390.5 | 2368.6 | 37.5° |
| 40°   | 1894.9 | 1999.6 | 2092.2 | 2218.8 | 2330.9 | 2463.6 | 2609.1 | 2721.2 | 2766.2 | 2751.6 | 2642.0 | 40°   |
| 42.5° | 2123.8 | 2253.5 | 2361.9 | 2511.1 | 2656.6 | 2832.0 | 2982.4 | 3138.9 | 3166.9 | 3054.2 | 2890.4 | 42.5° |
| 45°   | 2334.5 | 2495.3 | 2629.8 | 2785.1 | 2962.9 | 3173.0 | 3373.9 | 3534.7 | 3529.2 | 3336.2 | 3117.0 | 45°   |
| 47.5° | 2523.9 | 2721.2 | 2885.6 | 3087.7 | 3278.9 | 3529.2 | 3760.0 | 3878.7 | 3808.7 | 3580.3 | 3311.8 | 47.5° |
| 50°   | 2680.4 | 2926.4 | 3129.1 | 3333.7 | 3576.7 | 3878.1 | 4100.3 | 4167.3 | 4032.1 | 3783.7 | 3501.2 | 50°   |
| 52.5° | 2806.4 | 3115.1 | 3342.9 | 3578.5 | 3885.4 | 4202.6 | 4393.8 | 4368.9 | 4194.1 | 3939.0 | 3657.7 | 52.5° |
| 55°   | 2913.0 | 3259.4 | 3531.0 | 3809.3 | 4189.8 | 4482.1 | 4609.4 | 4542.4 | 4298.2 | 4039.4 | 3764.8 | 55°   |
| 57.5° | 3023.2 | 3399.5 | 3703.9 | 4026.7 | 4450.5 | 4701.3 | 4772.0 | 4634.3 | 4347.5 | 4077.8 | 3811.1 | 57.5° |
| 60°   | 3133.4 | 3516.4 | 3856.8 | 4216.6 | 4647.7 | 4880.3 | 4860.9 | 4655.0 | 4332.9 | 4049.8 | 3780.1 | 60°   |
| 62.5° | 3207.7 | 3585.8 | 3945.7 | 4333.5 | 4795.7 | 4971.7 | 4852.3 | 4581.4 | 4248.3 | 3939.6 | 3687.5 | 62.5° |
| 63°   | 3209.5 | 3588.2 | 3951.2 | 4341.5 | 4812.1 | 4974.7 | 4835.9 | 4555.2 | 4221.5 | 3917.1 | 3660.1 | 63°   |
| 65°   | 3171.2 | 3542.6 | 3902.4 | 4305.5 | 4798.1 | 4904.7 | 4694.0 | 4400.5 | 4068.7 | 3761.2 | 3517.6 | 65°   |
| 67.5° | 2975.1 | 3353.8 | 3671.7 | 4051.6 | 4547.3 | 4577.7 | 4314.1 | 4077.2 | 3778.8 | 3460.4 | 3205.9 | 67.5° |
| 70°   | 2579.9 | 2894.7 | 3206.5 | 3523.7 | 3939.6 | 3934.1 | 3686.3 | 3565.7 | 3304.5 | 2941.6 | 2737.6 | 70°   |
| 72.5° | 2052.0 | 2334.5 | 2553.7 | 2766.2 | 3040.2 | 2984.8 | 2825.3 | 2858.8 | 2689.5 | 2418.6 | 2297.4 | 72.5° |
| 75°   | 1523.5 | 1834.0 | 1941.2 | 2027.6 | 2143.3 | 2143.9 | 2187.8 | 2282.8 | 2280.3 | 2129.9 | 1977.1 | 75°   |
| 77.5° | 999.2  | 1339.0 | 1374.9 | 1444.3 | 1583.1 | 1771.9 | 1966.7 | 2176.2 | 2228.6 | 2109.8 | 1883.9 | 77.5° |
| 80°   | 557.1  | 910.3  | 868.9  | 928.6  | 1078.4 | 1334.7 | 1622.1 | 1853.5 | 1989.9 | 1923.5 | 1684.2 | 80°   |
| 82.5° | 285.0  | 524.9  | 501.7  | 584.5  | 705.7  | 928.6  | 1118.5 | 1296.3 | 1457.1 | 1448.0 | 1357.2 | 82.5° |
| 85°   | 148.0  | 287.4  | 327.0  | 370.2  | 431.1  | 510.9  | 582.7  | 634.5  | 701.5  | 819.6  | 859.8  | 85°   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.6    | 0.0    | 43.8   | 31.7   | 87.1   | 124.2  | 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: P153229

NUMBER: VXM-E02-LED-E1-SLR-7030

**DISTRIBUTION (continued):**

| 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|
| 638.7  | 638.7  | 638.7  | 638.7  | 638.7  | 638.7  | 638.7  |
| 631.4  | 632.0  | 630.8  | 630.8  | 631.4  | 631.4  | 630.2  |
| 630.2  | 630.2  | 629.0  | 627.8  | 626.6  | 626.6  | 625.3  |
| 644.2  | 644.2  | 640.0  | 638.1  | 635.1  | 632.6  | 631.4  |
| 664.9  | 661.3  | 656.4  | 652.7  | 647.9  | 642.4  | 639.3  |
| 685.6  | 680.1  | 674.1  | 668.6  | 662.5  | 656.4  | 653.3  |
| 719.7  | 712.4  | 704.5  | 697.8  | 689.3  | 680.1  | 676.5  |
| 772.1  | 760.5  | 750.2  | 740.4  | 725.2  | 718.5  | 711.2  |
| 841.5  | 824.5  | 811.1  | 794.6  | 775.7  | 769.6  | 760.5  |
| 925.5  | 910.9  | 884.1  | 871.9  | 853.1  | 843.9  | 845.8  |
| 1053.4 | 1034.5 | 1003.5 | 991.9  | 990.1  | 970.0  | 960.2  |
| 1220.2 | 1221.5 | 1192.8 | 1161.8 | 1144.7 | 1113.1 | 1072.9 |
| 1457.7 | 1441.3 | 1407.8 | 1376.1 | 1335.9 | 1276.3 | 1209.3 |
| 1745.1 | 1708.6 | 1653.2 | 1594.1 | 1522.9 | 1430.9 | 1337.1 |
| 2025.8 | 1961.9 | 1873.6 | 1774.9 | 1672.0 | 1557.6 | 1424.8 |
| 2272.4 | 2173.2 | 2041.0 | 1927.8 | 1782.3 | 1639.2 | 1477.2 |
| 2497.7 | 2374.7 | 2204.2 | 2057.5 | 1885.8 | 1701.9 | 1510.1 |
| 2715.7 | 2559.8 | 2351.0 | 2152.5 | 1958.2 | 1743.9 | 1525.9 |
| 2923.3 | 2722.4 | 2474.6 | 2238.3 | 2011.2 | 1771.3 | 1528.3 |
| 3082.9 | 2863.7 | 2585.4 | 2300.4 | 2047.7 | 1792.0 | 1528.3 |
| 3230.8 | 2983.0 | 2670.0 | 2349.1 | 2081.8 | 1806.0 | 1529.6 |
| 3345.9 | 3067.0 | 2724.8 | 2383.8 | 2108.6 | 1816.3 | 1535.0 |
| 3429.3 | 3121.8 | 2761.4 | 2405.2 | 2128.1 | 1831.0 | 1547.2 |
| 3487.8 | 3157.8 | 2781.5 | 2424.0 | 2151.9 | 1856.5 | 1581.3 |
| 3515.8 | 3224.1 | 2814.9 | 2461.8 | 2192.6 | 1910.7 | 1649.5 |
| 3494.5 | 3327.0 | 2910.5 | 2525.7 | 2249.3 | 1995.4 | 1758.5 |
| 3485.3 | 3345.9 | 2936.7 | 2539.7 | 2262.1 | 2013.6 | 1796.3 |
| 3414.1 | 3364.8 | 3044.5 | 2610.4 | 2323.0 | 2094.6 | 1901.6 |
| 3193.1 | 3290.5 | 3135.2 | 2729.7 | 2453.9 | 2291.3 | 2098.3 |
| 2906.9 | 3180.3 | 3118.8 | 2744.9 | 2537.3 | 2452.7 | 2222.5 |
| 2564.1 | 2847.2 | 2790.0 | 2542.2 | 2445.3 | 2454.5 | 2190.2 |
| 2017.9 | 2230.4 | 2192.6 | 2105.6 | 2125.1 | 2192.0 | 1876.0 |
| 1616.6 | 1588.0 | 1500.9 | 1507.0 | 1619.7 | 1698.2 | 1350.5 |
| 1320.7 | 1069.2 | 956.0  | 959.0  | 1155.7 | 1237.3 | 860.4  |
| 1256.8 | 1011.4 | 823.8  | 719.7  | 840.9  | 809.8  | 449.4  |
| 895.1  | 896.9  | 744.1  | 604.6  | 585.8  | 498.1  | 280.1  |
| 211.9  | 169.9  | 121.2  | 90.1   | 95.0   | 62.7   | 31.7   |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)