

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: P152653

Luminaire Tested: **VXM-F01-LED-E1-SLL-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P152653  
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-F01-LED-E1-SLL-8030  
Description: VISION SITE MEDIUM LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (7) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1938.6 lumens  
Efficiency: N/A  
Efficacy: 74.9 lumens/watt  
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1

Input Watts (W): 25.9  
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

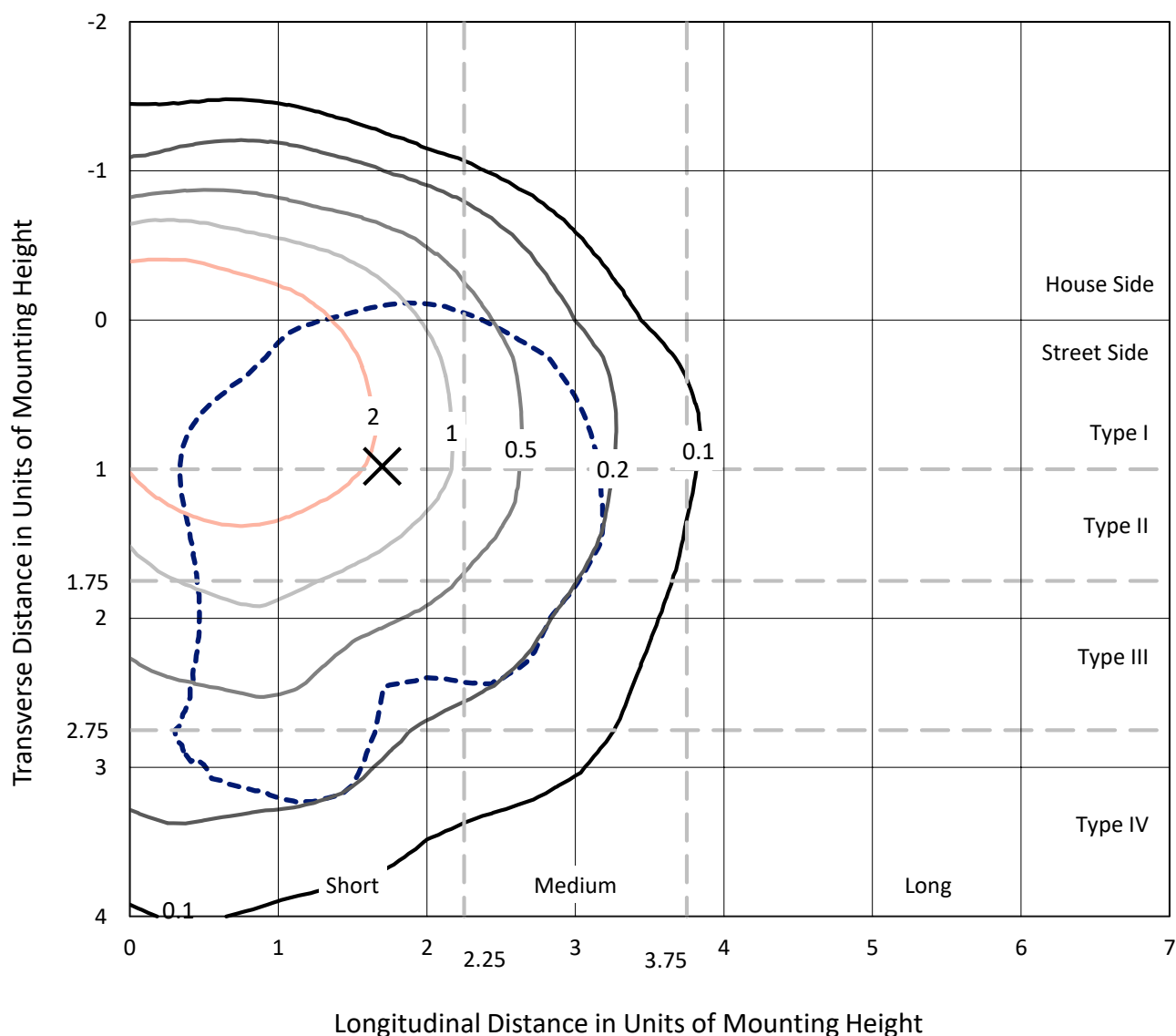


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

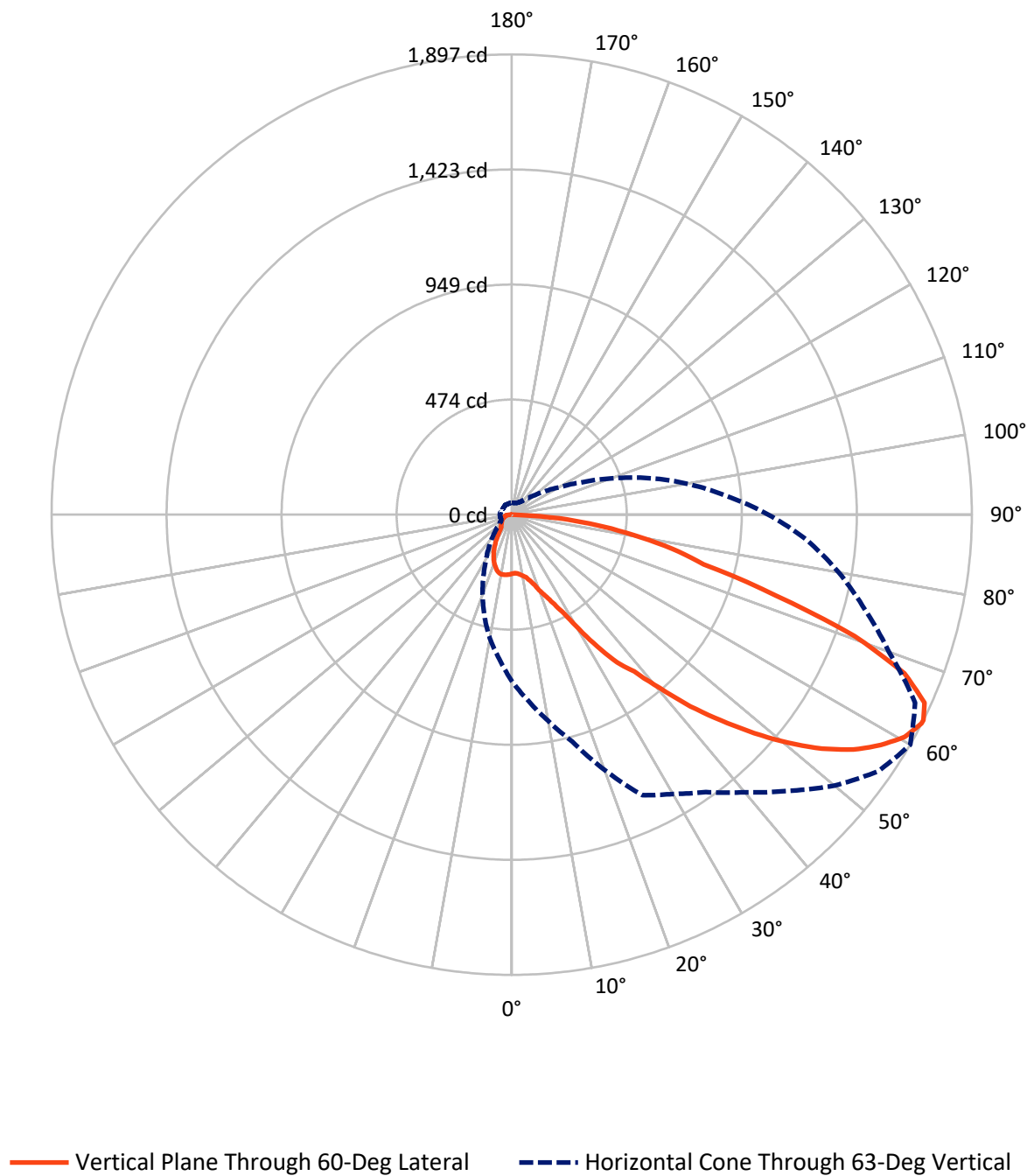


Based on 10 foot mounting height. Maximum calculated value = 4.8 fc  
 Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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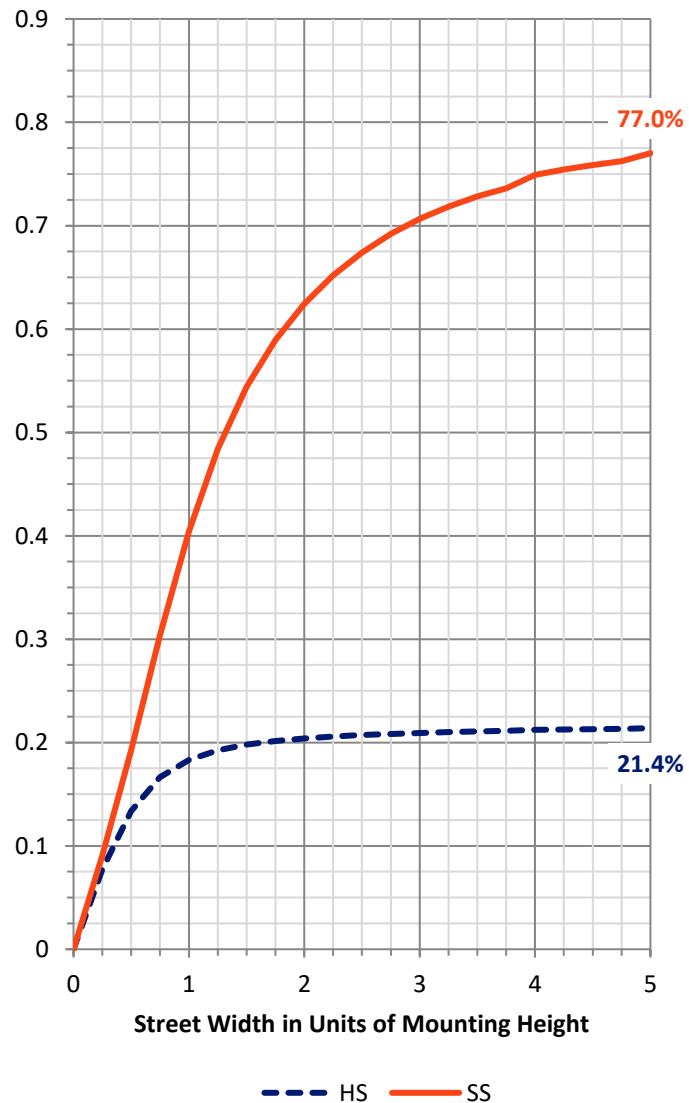
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 420.4    | 0.0    | 420.4  |
|                    | % Fixture | 21.7     | 0.0    | 21.7   |
| <b>Street Side</b> | Lumens    | 1518.2   | 0.0    | 1518.2 |
|                    | % Fixture | 78.3     | 0.0    | 78.3   |
| <b>Total</b>       | Lumens    | 1938.6   | 0.0    | 1938.6 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 23.7   | 1.2       |
| 10°-20°   | 73.9   | 3.8       |
| 20°-30°   | 131.2  | 6.8       |
| 30°-40°   | 206.6  | 10.7      |
| 40°-50°   | 304.1  | 15.7      |
| 50°-60°   | 403.9  | 20.8      |
| 60°-70°   | 444.9  | 23.0      |
| 70°-80°   | 279.1  | 14.4      |
| 80°-90°   | 71.1   | 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°    | 1938.6 | 100.0     |
| 0°-180°   | 1938.6 | 100.0     |

**Coefficient of Utilization**



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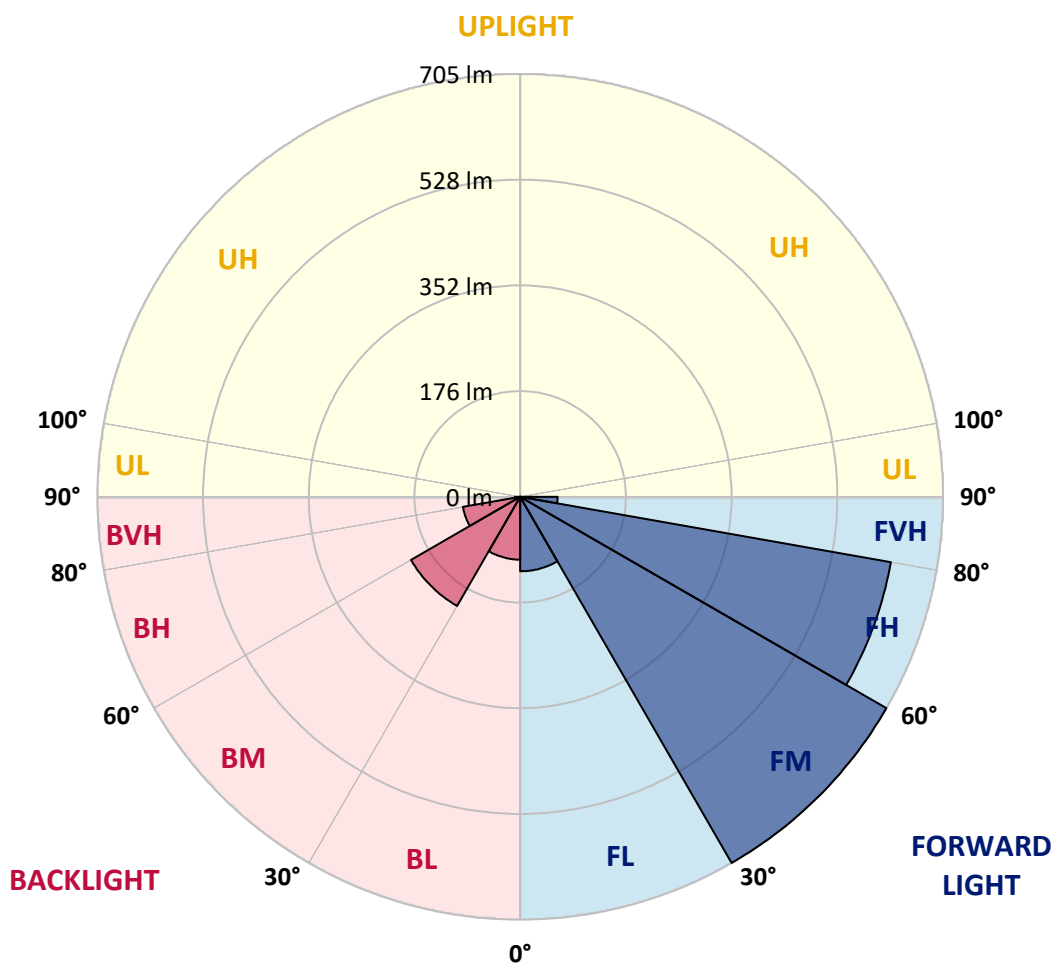
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 124.1  | 6.4       |                         |      |        |
| FM   | (30°-60°)   | 704.5  | 36.3      |                         |      |        |
| FH   | (60°-80°)   | 627.2  | 32.4      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 62.4   | 3.2       |                         |      | G1/100 |
| BL   | (0°-30°)    | 104.7  | 5.4       | B0/110                  |      |        |
| BM   | (30°-60°)   | 210.1  | 10.8      | B0/220                  |      |        |
| BH   | (60°-80°)   | 96.9   | 5.0       | B0/110                  |      | G0/110 |
| BVH  | (80°-90°)   | 8.7    | 0.4       |                         |      | G0/10  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |        |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |        |

**BUG Rating: B0-U0-G1**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 243.6 | 243.6 | 243.6 | 243.6  | 243.6  | 243.6  | 243.6  | 243.6  | 243.6  | 243.6  | 243.6  |
| 2.5°  | 240.4 | 240.8 | 240.8 | 240.6  | 240.6  | 241.1  | 240.8  | 240.6  | 239.9  | 240.8  | 240.8  |
| 5°    | 238.5 | 239.0 | 239.0 | 239.4  | 239.9  | 240.4  | 240.4  | 240.8  | 240.6  | 241.5  | 242.2  |
| 7.5°  | 240.8 | 241.3 | 242.2 | 243.4  | 244.1  | 245.7  | 245.7  | 246.9  | 247.3  | 248.0  | 247.8  |
| 10°   | 243.9 | 245.0 | 247.1 | 249.0  | 250.4  | 252.2  | 253.6  | 255.2  | 255.2  | 255.9  | 256.4  |
| 12.5° | 249.2 | 250.4 | 252.7 | 255.0  | 257.1  | 259.4  | 261.5  | 263.1  | 264.8  | 265.2  | 266.2  |
| 15°   | 258.0 | 259.4 | 262.9 | 266.2  | 268.7  | 271.7  | 274.5  | 277.8  | 280.8  | 281.5  | 281.9  |
| 17.5° | 271.3 | 274.0 | 276.6 | 282.4  | 286.1  | 290.1  | 294.5  | 299.1  | 300.1  | 304.9  | 306.1  |
| 20°   | 290.1 | 293.6 | 295.9 | 303.1  | 309.4  | 314.5  | 321.0  | 326.3  | 328.4  | 333.0  | 337.7  |
| 22.5° | 322.6 | 321.9 | 325.4 | 332.6  | 337.2  | 347.4  | 353.0  | 358.6  | 361.4  | 368.3  | 372.1  |
| 25°   | 366.3 | 370.0 | 377.6 | 378.3  | 382.7  | 394.6  | 401.8  | 407.4  | 407.6  | 409.7  | 413.6  |
| 27.5° | 409.2 | 424.5 | 436.6 | 443.1  | 455.0  | 465.9  | 465.4  | 473.3  | 461.0  | 463.6  | 467.3  |
| 30°   | 461.2 | 486.8 | 509.5 | 524.9  | 537.0  | 549.7  | 556.0  | 560.4  | 555.1  | 552.7  | 548.3  |
| 32.5° | 510.0 | 545.8 | 580.8 | 608.0  | 630.5  | 651.7  | 665.6  | 671.9  | 679.3  | 698.1  | 704.9  |
| 35°   | 543.5 | 594.1 | 637.7 | 677.0  | 714.6  | 748.3  | 772.7  | 786.6  | 781.3  | 778.7  | 777.3  |
| 37.5° | 563.4 | 625.2 | 679.8 | 735.3  | 778.5  | 828.9  | 866.7  | 903.4  | 911.8  | 897.2  | 890.0  |
| 40°   | 576.0 | 649.1 | 719.3 | 784.8  | 840.7  | 905.8  | 952.7  | 1007.7 | 1049.5 | 1055.1 | 1037.9 |
| 42.5° | 582.0 | 665.2 | 746.9 | 821.0  | 896.7  | 976.4  | 1035.8 | 1102.5 | 1164.9 | 1207.9 | 1197.2 |
| 45°   | 582.9 | 675.6 | 767.1 | 853.7  | 943.8  | 1038.4 | 1115.0 | 1188.9 | 1272.5 | 1346.1 | 1348.2 |
| 47.5° | 582.9 | 683.5 | 781.0 | 877.4  | 986.1  | 1092.2 | 1175.9 | 1263.2 | 1365.6 | 1452.7 | 1479.4 |
| 50°   | 583.4 | 688.8 | 794.0 | 896.0  | 1018.4 | 1137.8 | 1232.3 | 1335.4 | 1443.2 | 1537.9 | 1589.5 |
| 52.5° | 585.5 | 692.8 | 804.3 | 909.2  | 1039.3 | 1169.8 | 1276.2 | 1395.1 | 1502.4 | 1599.7 | 1666.4 |
| 55°   | 590.1 | 698.4 | 811.7 | 917.4  | 1053.2 | 1190.7 | 1308.0 | 1436.0 | 1540.7 | 1639.4 | 1732.5 |
| 57.5° | 603.1 | 708.1 | 820.8 | 924.6  | 1060.9 | 1204.4 | 1330.3 | 1453.6 | 1555.3 | 1658.2 | 1767.6 |
| 60°   | 629.2 | 728.8 | 836.3 | 939.0  | 1073.7 | 1229.7 | 1341.0 | 1441.8 | 1544.7 | 1652.7 | 1775.5 |
| 62.5° | 670.7 | 761.1 | 857.9 | 963.4  | 1110.1 | 1269.0 | 1332.9 | 1406.5 | 1502.6 | 1620.4 | 1747.4 |
| 63°   | 685.1 | 768.0 | 862.8 | 968.7  | 1120.1 | 1276.2 | 1329.4 | 1396.0 | 1494.0 | 1610.2 | 1737.4 |
| 65°   | 725.3 | 798.9 | 886.0 | 995.6  | 1161.2 | 1283.4 | 1302.2 | 1341.7 | 1434.6 | 1551.9 | 1678.4 |
| 67.5° | 800.3 | 873.9 | 935.9 | 1041.2 | 1195.8 | 1255.1 | 1217.9 | 1222.8 | 1319.8 | 1441.3 | 1555.1 |
| 70°   | 847.7 | 935.5 | 967.8 | 1047.0 | 1189.6 | 1213.0 | 1108.7 | 1044.2 | 1122.0 | 1260.4 | 1360.0 |
| 72.5° | 835.4 | 936.2 | 932.7 | 969.6  | 1064.1 | 1086.0 | 978.0  | 876.3  | 922.5  | 1025.8 | 1090.4 |
| 75°   | 715.5 | 836.1 | 810.5 | 803.1  | 836.3  | 850.7  | 769.7  | 754.1  | 812.4  | 869.8  | 870.7  |
| 77.5° | 515.1 | 647.7 | 617.8 | 574.8  | 572.5  | 605.7  | 616.6  | 718.6  | 804.7  | 850.0  | 830.0  |
| 80°   | 328.2 | 471.9 | 440.8 | 365.8  | 364.6  | 407.8  | 503.7  | 642.4  | 733.7  | 759.0  | 707.0  |
| 82.5° | 171.4 | 308.9 | 320.7 | 274.5  | 314.2  | 385.8  | 479.4  | 517.7  | 552.3  | 555.8  | 494.4  |
| 85°   | 106.8 | 190.0 | 223.4 | 230.6  | 283.8  | 342.1  | 341.4  | 327.9  | 312.6  | 267.5  | 242.0  |
| 87.5° | 12.1  | 23.9  | 36.2  | 34.4   | 46.2   | 64.8   | 80.8   | 47.4   | 33.2   | 12.1   | 16.7   |
| 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°    | 243.6  | 243.6  | 243.6  | 243.6  | 243.6  | 243.6  | 243.6  | 243.6  | 243.6 | 243.6 | 243.6 |
| 2.5°  | 241.3  | 241.5  | 241.8  | 241.8  | 242.9  | 242.7  | 242.9  | 243.4  | 244.1 | 244.6 | 245.0 |
| 5°    | 243.2  | 243.2  | 244.1  | 244.8  | 246.2  | 247.1  | 247.6  | 249.0  | 250.6 | 250.1 | 251.5 |
| 7.5°  | 249.2  | 249.0  | 249.9  | 250.4  | 251.5  | 253.1  | 252.9  | 254.1  | 255.5 | 255.9 | 257.1 |
| 10°   | 257.3  | 256.6  | 256.6  | 256.2  | 256.4  | 255.9  | 255.9  | 255.9  | 256.9 | 256.6 | 257.6 |
| 12.5° | 265.7  | 265.5  | 265.0  | 263.6  | 263.6  | 261.7  | 260.8  | 259.7  | 259.4 | 257.8 | 258.0 |
| 15°   | 282.9  | 282.9  | 281.9  | 279.2  | 276.8  | 275.2  | 272.9  | 271.3  | 268.9 | 265.9 | 264.3 |
| 17.5° | 308.0  | 304.7  | 303.5  | 303.1  | 299.4  | 298.0  | 292.9  | 287.5  | 285.0 | 280.8 | 278.5 |
| 20°   | 338.6  | 337.9  | 333.3  | 330.9  | 326.3  | 319.8  | 313.3  | 306.3  | 302.2 | 297.0 | 294.3 |
| 22.5° | 373.2  | 368.1  | 365.8  | 362.3  | 355.1  | 347.7  | 337.9  | 328.6  | 322.1 | 318.6 | 316.6 |
| 25°   | 413.6  | 408.5  | 406.2  | 401.6  | 392.7  | 384.8  | 372.8  | 361.8  | 356.0 | 350.2 | 347.0 |
| 27.5° | 467.3  | 462.4  | 459.6  | 447.5  | 444.5  | 431.5  | 416.6  | 401.8  | 394.1 | 385.5 | 380.0 |
| 30°   | 547.4  | 547.6  | 533.2  | 518.6  | 503.5  | 481.0  | 465.4  | 448.7  | 436.2 | 423.8 | 411.5 |
| 32.5° | 682.8  | 648.2  | 621.5  | 590.1  | 557.4  | 533.5  | 514.2  | 494.2  | 476.8 | 458.9 | 438.5 |
| 35°   | 765.5  | 748.8  | 714.2  | 656.8  | 623.8  | 594.8  | 573.4  | 549.3  | 527.9 | 496.3 | 465.2 |
| 37.5° | 858.8  | 820.1  | 778.0  | 746.2  | 708.8  | 675.1  | 639.4  | 612.0  | 575.0 | 532.5 | 488.4 |
| 40°   | 995.2  | 939.7  | 889.0  | 846.3  | 798.0  | 762.7  | 722.7  | 683.0  | 634.0 | 572.5 | 511.9 |
| 42.5° | 1137.5 | 1080.2 | 1013.3 | 957.8  | 900.9  | 859.5  | 810.1  | 754.3  | 682.3 | 606.2 | 532.1 |
| 45°   | 1286.9 | 1210.2 | 1130.1 | 1062.3 | 1003.1 | 951.7  | 890.4  | 816.6  | 728.8 | 636.4 | 550.9 |
| 47.5° | 1434.1 | 1346.1 | 1250.6 | 1177.7 | 1100.6 | 1037.9 | 962.7  | 869.3  | 765.0 | 664.9 | 569.7 |
| 50°   | 1563.9 | 1479.2 | 1364.2 | 1271.5 | 1193.5 | 1116.2 | 1022.3 | 909.9  | 793.6 | 689.5 | 586.7 |
| 52.5° | 1675.9 | 1603.0 | 1482.0 | 1364.9 | 1275.0 | 1188.2 | 1070.4 | 942.7  | 822.4 | 712.3 | 600.6 |
| 55°   | 1758.1 | 1709.6 | 1598.1 | 1452.9 | 1346.8 | 1243.2 | 1111.1 | 974.3  | 849.6 | 730.4 | 609.6 |
| 57.5° | 1820.1 | 1793.2 | 1697.5 | 1535.8 | 1412.7 | 1296.6 | 1153.1 | 1012.1 | 876.5 | 746.0 | 613.8 |
| 60°   | 1854.0 | 1861.4 | 1772.7 | 1608.3 | 1471.0 | 1341.2 | 1195.1 | 1044.4 | 896.5 | 755.0 | 611.5 |
| 62.5° | 1850.8 | 1896.3 | 1829.2 | 1652.9 | 1504.9 | 1367.7 | 1223.5 | 1059.5 | 893.7 | 740.6 | 590.4 |
| 63°   | 1844.5 | 1897.4 | 1835.4 | 1655.9 | 1507.0 | 1368.6 | 1224.2 | 1057.4 | 887.9 | 733.7 | 582.0 |
| 65°   | 1790.4 | 1870.7 | 1830.1 | 1642.2 | 1488.5 | 1351.2 | 1209.5 | 1027.2 | 847.0 | 696.3 | 539.0 |
| 67.5° | 1645.5 | 1746.0 | 1734.4 | 1545.4 | 1400.4 | 1279.2 | 1134.7 | 929.9  | 746.0 | 604.3 | 456.8 |
| 70°   | 1406.0 | 1500.5 | 1502.6 | 1344.0 | 1223.0 | 1104.1 | 984.0  | 756.7  | 591.3 | 468.4 | 340.7 |
| 72.5° | 1077.6 | 1138.5 | 1159.6 | 1055.1 | 974.0  | 890.4  | 782.7  | 549.3  | 421.5 | 318.6 | 221.8 |
| 75°   | 834.5  | 817.7  | 817.5  | 773.4  | 740.4  | 699.5  | 581.1  | 370.7  | 276.8 | 207.2 | 135.6 |
| 77.5° | 750.2  | 675.8  | 603.8  | 550.9  | 524.4  | 510.7  | 381.1  | 223.4  | 163.3 | 119.1 | 78.0  |
| 80°   | 618.7  | 509.1  | 411.3  | 354.2  | 331.4  | 347.2  | 212.5  | 120.8  | 89.4  | 67.8  | 50.6  |
| 82.5° | 426.6  | 354.2  | 269.2  | 223.0  | 191.4  | 200.2  | 108.7  | 61.8   | 41.3  | 37.9  | 31.4  |
| 85°   | 222.3  | 194.9  | 164.4  | 141.2  | 124.7  | 109.6  | 56.4   | 29.5   | 17.2  | 15.1  | 13.7  |
| 87.5° | 0.0    | 0.2    | 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°    | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 |
| 2.5°  | 245.7 | 245.5 | 245.9 | 246.2 | 246.9 | 247.3 | 247.6 | 247.1 | 247.8 | 248.5 | 248.0 |
| 5°    | 252.2 | 253.8 | 254.1 | 254.8 | 254.8 | 256.2 | 256.2 | 256.2 | 255.9 | 256.2 | 255.7 |
| 7.5°  | 257.8 | 259.9 | 260.1 | 261.0 | 261.3 | 262.9 | 262.2 | 262.7 | 262.7 | 261.5 | 261.0 |
| 10°   | 258.5 | 260.6 | 261.7 | 262.9 | 264.5 | 266.6 | 266.6 | 267.8 | 267.8 | 266.8 | 266.6 |
| 12.5° | 258.7 | 260.3 | 261.5 | 263.1 | 265.5 | 268.5 | 270.1 | 271.7 | 272.4 | 272.2 | 271.5 |
| 15°   | 263.6 | 263.6 | 263.8 | 265.2 | 266.8 | 270.6 | 272.9 | 274.7 | 275.9 | 275.4 | 274.3 |
| 17.5° | 276.4 | 274.5 | 273.1 | 270.8 | 271.3 | 273.1 | 274.5 | 276.1 | 276.4 | 275.9 | 274.0 |
| 20°   | 291.2 | 288.9 | 285.4 | 281.7 | 279.9 | 278.5 | 277.5 | 277.5 | 276.8 | 274.5 | 271.5 |
| 22.5° | 312.4 | 309.4 | 304.5 | 298.9 | 295.2 | 290.8 | 285.4 | 280.3 | 274.7 | 269.2 | 262.7 |
| 25°   | 341.6 | 337.5 | 332.3 | 323.7 | 315.9 | 306.6 | 295.6 | 284.3 | 271.0 | 259.4 | 249.9 |
| 27.5° | 371.1 | 361.8 | 348.6 | 336.8 | 322.1 | 308.2 | 292.6 | 278.7 | 261.7 | 247.8 | 237.4 |
| 30°   | 395.5 | 377.9 | 358.8 | 340.0 | 320.7 | 301.9 | 283.3 | 266.6 | 248.0 | 233.9 | 223.7 |
| 32.5° | 414.3 | 389.9 | 363.5 | 338.8 | 315.2 | 292.2 | 270.8 | 252.2 | 233.4 | 218.8 | 207.9 |
| 35°   | 431.7 | 397.8 | 364.2 | 333.7 | 304.5 | 280.6 | 256.4 | 236.2 | 216.2 | 200.9 | 189.0 |
| 37.5° | 444.7 | 401.6 | 360.0 | 324.2 | 290.5 | 263.8 | 239.2 | 218.5 | 198.1 | 181.4 | 167.9 |
| 40°   | 453.1 | 399.2 | 350.9 | 310.5 | 274.0 | 245.9 | 220.9 | 199.5 | 179.8 | 161.4 | 145.2 |
| 42.5° | 459.8 | 396.2 | 341.9 | 298.0 | 261.0 | 230.4 | 204.6 | 181.6 | 161.6 | 141.7 | 123.8 |
| 45°   | 469.8 | 398.5 | 337.9 | 289.1 | 249.4 | 217.1 | 188.8 | 164.9 | 144.0 | 124.5 | 107.3 |
| 47.5° | 479.6 | 399.7 | 332.1 | 278.2 | 234.8 | 203.4 | 174.6 | 151.4 | 130.1 | 112.2 | 96.4  |
| 50°   | 488.4 | 399.0 | 323.1 | 264.3 | 220.6 | 189.7 | 161.9 | 138.7 | 117.5 | 101.0 | 86.2  |
| 52.5° | 492.6 | 395.0 | 311.9 | 250.8 | 209.3 | 177.7 | 149.3 | 126.8 | 105.9 | 90.3  | 76.6  |
| 55°   | 492.1 | 384.8 | 297.3 | 238.1 | 196.7 | 164.9 | 137.0 | 114.7 | 95.9  | 81.5  | 69.7  |
| 57.5° | 485.2 | 369.0 | 281.7 | 223.9 | 180.2 | 149.1 | 122.6 | 101.0 | 85.2  | 73.2  | 63.2  |
| 60°   | 470.5 | 348.8 | 261.3 | 203.2 | 159.6 | 129.6 | 104.7 | 86.2  | 73.4  | 64.1  | 57.6  |
| 62.5° | 443.1 | 319.8 | 235.7 | 174.4 | 131.7 | 104.3 | 82.7  | 70.6  | 61.1  | 55.5  | 52.5  |
| 63°   | 435.0 | 311.9 | 224.8 | 167.4 | 125.2 | 98.5  | 78.0  | 65.5  | 58.5  | 53.6  | 50.9  |
| 65°   | 394.6 | 273.1 | 188.1 | 135.2 | 97.3  | 75.9  | 62.7  | 53.2  | 49.0  | 46.9  | 46.7  |
| 67.5° | 319.6 | 214.8 | 133.1 | 92.7  | 66.2  | 54.8  | 48.1  | 44.1  | 42.3  | 41.8  | 42.3  |
| 70°   | 224.3 | 135.6 | 84.5  | 61.5  | 49.0  | 44.1  | 41.1  | 39.5  | 38.3  | 38.6  | 39.0  |
| 72.5° | 143.1 | 81.3  | 58.1  | 46.7  | 41.3  | 38.8  | 37.4  | 36.9  | 36.7  | 36.5  | 36.5  |
| 75°   | 81.5  | 54.1  | 44.6  | 40.4  | 37.6  | 35.5  | 34.4  | 33.9  | 34.1  | 34.4  | 33.9  |
| 77.5° | 53.9  | 44.6  | 39.7  | 36.9  | 34.4  | 32.0  | 31.4  | 31.1  | 31.6  | 32.0  | 32.0  |
| 80°   | 42.5  | 39.7  | 36.9  | 34.1  | 30.0  | 28.3  | 28.8  | 29.0  | 28.8  | 29.0  | 28.3  |
| 82.5° | 30.0  | 29.5  | 30.2  | 29.0  | 24.9  | 23.5  | 23.0  | 23.2  | 22.8  | 22.8  | 22.3  |
| 85°   | 13.9  | 13.9  | 14.6  | 14.6  | 14.2  | 14.4  | 15.6  | 17.0  | 17.7  | 17.0  | 16.0  |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 2.1   | 4.2   | 6.0   | 6.5   | 8.1   | 7.9   |
| 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°    | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 |
| 2.5°  | 247.3 | 247.8 | 247.6 | 247.3 | 247.8 | 247.3 | 247.6 | 247.3 | 247.3 | 247.1 | 247.1 |
| 5°    | 255.2 | 255.9 | 254.5 | 254.3 | 253.8 | 252.7 | 252.7 | 252.2 | 252.2 | 251.3 | 250.6 |
| 7.5°  | 260.3 | 260.6 | 259.4 | 259.2 | 258.0 | 256.9 | 255.9 | 255.0 | 254.8 | 254.1 | 252.7 |
| 10°   | 265.2 | 264.8 | 263.8 | 262.7 | 261.5 | 259.9 | 258.7 | 257.6 | 257.3 | 256.2 | 254.5 |
| 12.5° | 269.4 | 269.2 | 267.3 | 266.2 | 264.3 | 262.7 | 261.3 | 259.9 | 259.2 | 257.8 | 255.5 |
| 15°   | 272.2 | 270.8 | 268.5 | 266.4 | 264.3 | 262.4 | 260.8 | 259.2 | 258.5 | 256.9 | 254.5 |
| 17.5° | 271.0 | 268.5 | 265.5 | 262.9 | 260.1 | 257.8 | 256.4 | 254.8 | 253.6 | 252.7 | 249.4 |
| 20°   | 266.8 | 263.1 | 258.5 | 255.5 | 251.8 | 248.7 | 247.8 | 246.2 | 245.3 | 241.8 | 237.6 |
| 22.5° | 255.9 | 250.6 | 244.8 | 240.4 | 236.2 | 233.2 | 230.9 | 229.2 | 226.9 | 224.8 | 218.3 |
| 25°   | 242.2 | 236.2 | 230.2 | 224.8 | 219.2 | 214.6 | 210.4 | 206.5 | 205.3 | 200.9 | 194.6 |
| 27.5° | 229.0 | 222.3 | 216.2 | 209.9 | 202.8 | 196.9 | 189.7 | 184.2 | 180.5 | 175.8 | 170.0 |
| 30°   | 214.8 | 208.1 | 200.0 | 191.6 | 183.2 | 177.0 | 168.8 | 162.1 | 157.5 | 152.6 | 147.2 |
| 32.5° | 196.9 | 188.8 | 179.1 | 169.8 | 162.1 | 154.7 | 146.5 | 140.0 | 135.4 | 131.0 | 125.9 |
| 35°   | 176.5 | 165.8 | 155.4 | 145.2 | 137.0 | 130.8 | 123.6 | 118.7 | 115.4 | 111.5 | 106.1 |
| 37.5° | 153.0 | 141.0 | 129.8 | 121.9 | 114.7 | 108.7 | 103.6 | 100.6 | 97.1  | 95.0  | 91.7  |
| 40°   | 129.4 | 117.5 | 106.6 | 99.4  | 93.4  | 89.9  | 87.1  | 86.4  | 84.1  | 81.3  | 79.2  |
| 42.5° | 108.5 | 97.1  | 86.4  | 80.6  | 76.6  | 75.7  | 74.3  | 74.3  | 73.2  | 71.1  | 69.7  |
| 45°   | 94.3  | 82.4  | 73.2  | 69.0  | 66.9  | 66.7  | 66.0  | 66.0  | 65.7  | 64.8  | 63.2  |
| 47.5° | 84.1  | 73.4  | 66.2  | 63.6  | 63.2  | 62.7  | 62.0  | 61.8  | 61.5  | 60.8  | 59.9  |
| 50°   | 74.8  | 65.7  | 61.1  | 59.9  | 60.2  | 59.5  | 58.8  | 58.1  | 57.8  | 57.1  | 56.2  |
| 52.5° | 66.2  | 59.7  | 56.7  | 56.0  | 56.0  | 56.0  | 55.5  | 55.5  | 55.0  | 54.8  | 53.9  |
| 55°   | 61.3  | 56.4  | 54.8  | 54.6  | 54.3  | 54.1  | 53.6  | 53.6  | 53.2  | 53.0  | 51.8  |
| 57.5° | 57.1  | 54.1  | 53.2  | 52.7  | 52.5  | 52.0  | 51.8  | 51.8  | 51.8  | 51.8  | 50.4  |
| 60°   | 53.9  | 52.5  | 52.3  | 51.8  | 51.6  | 50.6  | 50.2  | 49.9  | 50.2  | 50.4  | 49.0  |
| 62.5° | 50.4  | 50.2  | 49.9  | 49.5  | 49.2  | 48.3  | 47.6  | 47.1  | 47.6  | 48.1  | 47.8  |
| 63°   | 49.5  | 49.2  | 49.2  | 49.0  | 48.8  | 47.6  | 46.9  | 46.4  | 46.9  | 47.4  | 47.4  |
| 65°   | 46.2  | 46.4  | 46.4  | 46.2  | 46.0  | 45.3  | 44.4  | 43.9  | 44.1  | 44.8  | 45.1  |
| 67.5° | 42.7  | 43.0  | 42.7  | 43.0  | 42.7  | 42.3  | 41.6  | 41.1  | 40.9  | 41.1  | 41.3  |
| 70°   | 39.5  | 39.9  | 39.7  | 39.5  | 39.2  | 39.2  | 38.8  | 38.1  | 37.9  | 37.6  | 37.6  |
| 72.5° | 36.7  | 36.7  | 36.2  | 36.2  | 36.0  | 36.0  | 35.5  | 34.8  | 34.6  | 34.6  | 34.1  |
| 75°   | 33.7  | 33.7  | 33.0  | 33.0  | 32.5  | 32.7  | 32.3  | 31.6  | 31.4  | 31.4  | 31.1  |
| 77.5° | 31.8  | 31.1  | 30.0  | 29.7  | 29.5  | 29.5  | 29.3  | 28.6  | 28.3  | 28.3  | 28.1  |
| 80°   | 28.1  | 26.7  | 25.5  | 25.3  | 25.5  | 26.0  | 26.0  | 25.5  | 25.5  | 25.5  | 25.5  |
| 82.5° | 21.8  | 21.4  | 20.7  | 20.2  | 20.2  | 20.9  | 21.8  | 22.3  | 22.8  | 23.2  | 23.2  |
| 85°   | 16.0  | 16.3  | 16.0  | 15.3  | 15.1  | 15.8  | 16.7  | 17.7  | 17.9  | 18.8  | 18.6  |
| 87.5° | 8.6   | 8.8   | 8.1   | 7.9   | 8.6   | 9.1   | 10.0  | 10.2  | 10.7  | 10.9  | 11.1  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 |
| 2.5°  | 246.9 | 246.6 | 246.9 | 246.4 | 246.4 | 245.9 | 245.5 | 245.3 | 244.8 | 244.6 | 244.1 |
| 5°    | 251.1 | 250.4 | 249.7 | 249.4 | 248.5 | 247.6 | 246.9 | 245.7 | 244.8 | 243.2 | 242.7 |
| 7.5°  | 253.8 | 252.2 | 251.3 | 251.1 | 249.7 | 249.0 | 247.3 | 245.9 | 244.6 | 242.5 | 241.8 |
| 10°   | 255.0 | 253.4 | 251.8 | 251.1 | 249.4 | 248.3 | 246.6 | 244.6 | 243.4 | 241.3 | 240.8 |
| 12.5° | 256.4 | 253.4 | 250.8 | 249.0 | 246.6 | 244.1 | 242.5 | 241.3 | 239.7 | 238.5 | 238.1 |
| 15°   | 253.8 | 249.9 | 245.9 | 242.5 | 238.7 | 236.0 | 234.3 | 232.5 | 230.6 | 229.9 | 229.9 |
| 17.5° | 246.9 | 241.8 | 235.0 | 230.6 | 226.7 | 223.7 | 221.6 | 219.7 | 219.5 | 218.5 | 219.0 |
| 20°   | 232.5 | 225.7 | 219.2 | 216.0 | 213.7 | 211.8 | 209.7 | 208.8 | 208.1 | 206.7 | 206.2 |
| 22.5° | 212.5 | 206.9 | 202.3 | 200.0 | 198.1 | 195.8 | 193.9 | 191.1 | 190.4 | 189.0 | 188.4 |
| 25°   | 190.4 | 186.0 | 182.1 | 180.5 | 179.3 | 176.0 | 174.9 | 171.2 | 168.6 | 167.0 | 167.9 |
| 27.5° | 168.4 | 165.1 | 161.4 | 159.3 | 158.6 | 155.6 | 154.4 | 150.3 | 148.2 | 148.2 | 145.8 |
| 30°   | 145.6 | 142.6 | 140.3 | 138.0 | 137.5 | 133.8 | 130.8 | 129.1 | 126.8 | 125.9 | 124.3 |
| 32.5° | 124.3 | 121.2 | 119.4 | 118.2 | 116.4 | 113.3 | 110.3 | 107.5 | 103.8 | 102.4 | 101.7 |
| 35°   | 104.5 | 102.2 | 99.9  | 98.9  | 96.4  | 93.1  | 89.4  | 87.1  | 82.7  | 81.1  | 80.4  |
| 37.5° | 89.4  | 86.6  | 85.0  | 82.4  | 79.9  | 76.4  | 73.6  | 71.5  | 69.9  | 69.2  | 69.2  |
| 40°   | 77.3  | 75.2  | 73.4  | 71.3  | 69.2  | 67.4  | 66.0  | 65.5  | 65.3  | 65.3  | 65.7  |
| 42.5° | 68.3  | 66.4  | 65.5  | 64.3  | 63.6  | 63.6  | 63.4  | 63.6  | 63.9  | 64.1  | 64.8  |
| 45°   | 62.2  | 61.1  | 60.6  | 60.4  | 60.8  | 61.3  | 61.5  | 62.0  | 62.9  | 63.4  | 63.6  |
| 47.5° | 59.0  | 58.1  | 57.8  | 58.1  | 58.8  | 59.7  | 60.6  | 61.3  | 62.0  | 62.2  | 62.5  |
| 50°   | 55.7  | 54.6  | 54.1  | 54.6  | 55.5  | 56.9  | 57.6  | 58.8  | 59.2  | 59.7  | 59.2  |
| 52.5° | 53.0  | 52.0  | 51.8  | 51.8  | 52.7  | 53.6  | 54.6  | 55.5  | 55.7  | 55.7  | 55.5  |
| 55°   | 50.6  | 49.9  | 49.2  | 49.7  | 50.4  | 51.3  | 52.7  | 53.4  | 53.9  | 54.1  | 54.1  |
| 57.5° | 48.8  | 48.1  | 47.4  | 47.8  | 48.5  | 49.5  | 50.9  | 51.6  | 52.0  | 52.7  | 53.0  |
| 60°   | 47.4  | 46.4  | 45.8  | 46.4  | 47.1  | 48.5  | 49.7  | 50.4  | 51.6  | 51.8  | 51.8  |
| 62.5° | 46.0  | 45.1  | 43.9  | 44.6  | 44.6  | 45.3  | 46.4  | 47.4  | 48.5  | 49.0  | 49.0  |
| 63°   | 45.8  | 44.8  | 43.7  | 44.1  | 44.1  | 44.6  | 45.5  | 46.4  | 47.8  | 48.3  | 48.1  |
| 65°   | 43.9  | 43.7  | 42.5  | 42.5  | 42.0  | 42.5  | 43.2  | 44.1  | 44.8  | 45.5  | 45.5  |
| 67.5° | 40.9  | 40.6  | 40.4  | 40.4  | 40.4  | 40.9  | 41.3  | 42.0  | 42.7  | 43.2  | 43.0  |
| 70°   | 37.4  | 37.4  | 37.4  | 37.6  | 37.6  | 38.1  | 38.3  | 38.1  | 38.8  | 39.2  | 39.0  |
| 72.5° | 34.4  | 34.1  | 33.9  | 34.4  | 34.1  | 34.1  | 34.6  | 34.4  | 35.1  | 35.1  | 35.3  |
| 75°   | 31.1  | 30.9  | 30.9  | 31.1  | 30.7  | 30.2  | 30.4  | 30.4  | 30.7  | 30.7  | 31.1  |
| 77.5° | 28.3  | 28.3  | 28.3  | 28.1  | 27.6  | 27.4  | 27.2  | 27.2  | 27.2  | 27.2  | 27.4  |
| 80°   | 25.8  | 25.8  | 25.8  | 25.5  | 25.1  | 24.6  | 24.2  | 23.9  | 23.7  | 22.5  | 22.5  |
| 82.5° | 23.2  | 23.2  | 23.2  | 23.2  | 23.0  | 22.5  | 21.8  | 20.0  | 19.0  | 18.1  | 18.3  |
| 85°   | 18.3  | 18.8  | 19.3  | 20.0  | 19.7  | 19.7  | 18.3  | 16.0  | 14.6  | 13.7  | 13.9  |
| 87.5° | 11.8  | 10.5  | 10.5  | 10.2  | 9.8   | 9.3   | 9.3   | 7.9   | 6.5   | 5.8   | 6.0   |
| 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°    | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 0°    |
| 2.5°  | 244.1 | 243.6 | 243.2 | 243.2 | 242.5 | 242.5 | 242.0 | 242.9 | 242.0 | 241.3 | 241.3 | 2.5°  |
| 5°    | 242.2 | 241.8 | 240.4 | 240.1 | 239.2 | 239.2 | 239.2 | 238.7 | 238.7 | 238.3 | 238.1 | 5°    |
| 7.5°  | 241.1 | 239.9 | 238.7 | 238.1 | 238.1 | 237.6 | 238.5 | 238.1 | 238.3 | 238.3 | 238.5 | 7.5°  |
| 10°   | 240.1 | 239.2 | 238.7 | 238.5 | 238.5 | 239.2 | 239.9 | 240.1 | 239.9 | 240.1 | 240.1 | 10°   |
| 12.5° | 237.8 | 238.3 | 238.5 | 239.4 | 240.6 | 242.0 | 243.6 | 243.9 | 244.3 | 244.3 | 244.8 | 12.5° |
| 15°   | 230.4 | 231.5 | 232.9 | 235.3 | 238.3 | 241.3 | 244.3 | 246.9 | 249.2 | 250.4 | 251.3 | 15°   |
| 17.5° | 219.9 | 221.1 | 223.7 | 226.2 | 230.2 | 234.6 | 239.7 | 244.1 | 249.0 | 253.4 | 257.8 | 17.5° |
| 20°   | 205.8 | 207.6 | 208.3 | 213.0 | 217.6 | 223.7 | 229.7 | 236.7 | 245.0 | 253.4 | 262.0 | 20°   |
| 22.5° | 187.4 | 189.5 | 192.8 | 196.5 | 201.4 | 208.8 | 216.0 | 226.9 | 238.1 | 249.9 | 263.4 | 22.5° |
| 25°   | 167.0 | 169.3 | 172.1 | 176.0 | 180.9 | 188.8 | 199.3 | 210.9 | 224.6 | 240.1 | 256.9 | 25°   |
| 27.5° | 145.8 | 148.2 | 150.5 | 153.3 | 158.9 | 167.2 | 179.5 | 191.6 | 206.7 | 223.7 | 243.2 | 27.5° |
| 30°   | 124.7 | 124.9 | 126.3 | 129.8 | 135.6 | 146.5 | 155.6 | 170.7 | 186.5 | 204.4 | 226.9 | 30°   |
| 32.5° | 101.5 | 101.3 | 102.9 | 105.9 | 111.5 | 121.9 | 133.1 | 147.7 | 163.3 | 185.8 | 209.0 | 32.5° |
| 35°   | 80.8  | 80.8  | 83.8  | 86.9  | 93.1  | 100.6 | 110.3 | 123.3 | 141.7 | 162.6 | 185.8 | 35°   |
| 37.5° | 69.9  | 71.5  | 73.4  | 76.4  | 81.3  | 87.1  | 95.7  | 107.1 | 121.5 | 141.4 | 162.8 | 37.5° |
| 40°   | 66.4  | 67.4  | 69.0  | 71.8  | 75.9  | 81.3  | 87.6  | 96.1  | 107.3 | 123.3 | 142.8 | 40°   |
| 42.5° | 65.0  | 65.3  | 66.2  | 68.3  | 72.0  | 77.3  | 83.8  | 91.5  | 99.9  | 111.2 | 128.2 | 42.5° |
| 45°   | 63.6  | 63.4  | 63.9  | 65.5  | 68.5  | 74.6  | 82.0  | 90.3  | 98.7  | 108.2 | 122.2 | 45°   |
| 47.5° | 62.5  | 62.5  | 62.5  | 63.2  | 66.0  | 72.0  | 80.6  | 90.3  | 100.3 | 111.0 | 124.7 | 47.5° |
| 50°   | 59.2  | 59.0  | 59.0  | 59.5  | 61.5  | 68.0  | 78.3  | 90.1  | 103.1 | 117.1 | 132.6 | 50°   |
| 52.5° | 55.5  | 55.5  | 55.7  | 56.0  | 57.8  | 64.3  | 75.7  | 90.1  | 106.4 | 124.9 | 144.5 | 52.5° |
| 55°   | 54.3  | 54.6  | 54.8  | 54.6  | 56.0  | 61.5  | 72.9  | 88.7  | 107.8 | 131.2 | 157.2 | 55°   |
| 57.5° | 53.4  | 53.9  | 53.9  | 53.6  | 54.6  | 59.2  | 70.1  | 85.9  | 106.6 | 133.5 | 166.3 | 57.5° |
| 60°   | 52.0  | 52.0  | 52.0  | 51.3  | 51.8  | 56.0  | 66.0  | 81.5  | 102.9 | 131.5 | 167.7 | 60°   |
| 62.5° | 49.0  | 49.0  | 48.5  | 48.3  | 48.1  | 51.3  | 60.4  | 75.0  | 96.1  | 125.9 | 164.2 | 62.5° |
| 63°   | 48.3  | 48.1  | 48.1  | 47.4  | 47.4  | 50.4  | 59.2  | 74.1  | 94.3  | 124.5 | 162.8 | 63°   |
| 65°   | 45.8  | 45.8  | 45.8  | 45.3  | 45.1  | 47.4  | 54.6  | 67.6  | 87.1  | 118.0 | 155.8 | 65°   |
| 67.5° | 43.0  | 43.2  | 42.7  | 42.5  | 42.3  | 43.7  | 49.2  | 59.5  | 75.9  | 104.3 | 142.8 | 67.5° |
| 70°   | 39.0  | 39.2  | 39.2  | 39.0  | 38.8  | 39.7  | 43.2  | 51.1  | 62.9  | 86.9  | 121.7 | 70°   |
| 72.5° | 35.5  | 36.0  | 36.0  | 36.5  | 36.5  | 37.2  | 38.6  | 42.5  | 50.4  | 67.8  | 95.7  | 72.5° |
| 75°   | 31.8  | 32.0  | 32.5  | 33.0  | 32.5  | 32.3  | 32.5  | 35.5  | 39.5  | 50.2  | 68.3  | 75°   |
| 77.5° | 28.6  | 29.3  | 29.3  | 29.0  | 28.3  | 27.9  | 27.9  | 29.3  | 32.5  | 38.1  | 48.8  | 77.5° |
| 80°   | 23.7  | 24.9  | 25.1  | 24.4  | 23.7  | 23.7  | 24.2  | 25.1  | 27.2  | 31.4  | 36.9  | 80°   |
| 82.5° | 19.0  | 20.2  | 20.4  | 20.7  | 20.4  | 21.1  | 21.1  | 21.4  | 22.5  | 25.8  | 30.2  | 82.5° |
| 85°   | 14.6  | 15.6  | 16.3  | 16.5  | 16.7  | 17.0  | 16.7  | 15.6  | 16.3  | 18.3  | 20.4  | 85°   |
| 87.5° | 6.5   | 6.7   | 6.3   | 6.5   | 6.3   | 6.5   | 6.7   | 5.6   | 5.3   | 7.2   | 7.4   | 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: P152653

NUMBER: VXM-F01-LED-E1-SLL-8030

**DISTRIBUTION (continued):**

| 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|-------|-------|
| 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 |
| 241.1 | 241.1 | 241.3 | 240.8 | 240.8 | 241.1 | 240.4 |
| 237.4 | 238.3 | 238.3 | 238.3 | 237.8 | 238.3 | 238.5 |
| 238.3 | 239.0 | 239.4 | 239.4 | 239.2 | 240.1 | 240.8 |
| 239.4 | 240.6 | 241.1 | 241.1 | 241.1 | 242.2 | 243.9 |
| 243.9 | 244.8 | 245.5 | 245.5 | 245.9 | 247.3 | 249.2 |
| 252.0 | 253.1 | 253.1 | 252.9 | 254.3 | 255.9 | 258.0 |
| 261.0 | 264.3 | 265.9 | 265.7 | 266.8 | 268.9 | 271.3 |
| 269.6 | 278.7 | 282.6 | 285.4 | 286.6 | 289.4 | 290.1 |
| 276.8 | 291.9 | 302.8 | 312.1 | 316.6 | 319.3 | 322.6 |
| 274.3 | 294.7 | 314.2 | 333.3 | 346.7 | 360.4 | 366.3 |
| 263.8 | 289.4 | 314.9 | 342.8 | 367.2 | 391.6 | 409.2 |
| 251.1 | 281.7 | 316.1 | 355.6 | 394.1 | 431.5 | 461.2 |
| 236.4 | 274.5 | 318.6 | 367.4 | 418.0 | 467.0 | 510.0 |
| 218.1 | 260.8 | 312.4 | 368.6 | 428.3 | 487.7 | 543.5 |
| 194.9 | 242.2 | 297.7 | 360.2 | 428.7 | 496.8 | 563.4 |
| 171.6 | 218.8 | 279.2 | 348.1 | 422.7 | 498.9 | 576.0 |
| 155.4 | 197.9 | 260.3 | 332.8 | 412.9 | 495.6 | 582.0 |
| 144.2 | 182.8 | 243.6 | 318.9 | 402.5 | 489.8 | 582.9 |
| 143.3 | 176.3 | 232.7 | 308.7 | 394.1 | 484.7 | 582.9 |
| 151.2 | 179.8 | 229.0 | 303.5 | 390.6 | 483.1 | 583.4 |
| 166.1 | 193.7 | 235.7 | 307.5 | 393.4 | 485.2 | 585.5 |
| 183.9 | 214.8 | 253.8 | 321.2 | 405.3 | 492.1 | 590.1 |
| 200.2 | 239.2 | 284.7 | 347.7 | 426.9 | 509.8 | 603.1 |
| 209.7 | 260.1 | 317.5 | 384.8 | 463.8 | 544.8 | 629.2 |
| 210.9 | 271.7 | 346.5 | 425.2 | 508.6 | 585.0 | 670.7 |
| 209.9 | 272.7 | 350.2 | 432.9 | 518.1 | 595.0 | 685.1 |
| 204.8 | 272.9 | 360.7 | 459.8 | 551.1 | 637.0 | 725.3 |
| 191.8 | 265.5 | 364.4 | 481.0 | 592.7 | 692.3 | 800.3 |
| 169.3 | 244.3 | 353.5 | 481.4 | 608.7 | 723.2 | 847.7 |
| 136.1 | 204.1 | 306.3 | 438.0 | 566.4 | 692.8 | 835.4 |
| 99.6  | 150.0 | 231.5 | 339.3 | 462.2 | 576.7 | 715.5 |
| 66.2  | 97.1  | 156.1 | 241.8 | 331.4 | 415.0 | 515.1 |
| 45.5  | 60.2  | 91.3  | 145.4 | 202.8 | 243.4 | 328.2 |
| 33.4  | 39.7  | 50.6  | 74.3  | 97.5  | 120.1 | 171.4 |
| 20.9  | 22.8  | 25.3  | 36.7  | 52.5  | 70.8  | 106.8 |
| 5.6   | 5.8   | 5.3   | 7.2   | 11.4  | 10.9  | 12.1  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)