

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: STREETWORKS

Report Number: P145082

Luminaire Tested: **RDG-E01-LED-E-U-SL2-7060**

Issue Date: 3/3/2020

### Test Information

Test Method: LM-79-08  
Report Number: P145082  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33701)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: RDG-E01-LED-E-U-SL2-7060  
Description: RIDGEVIEW LED AREA ROADWAY LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (21) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 3004.4 lumens  
Efficiency: N/A  
Efficacy: 121.6 lumens/watt  
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G1

Input Watts (W): 24.7  
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: 28.75 FT



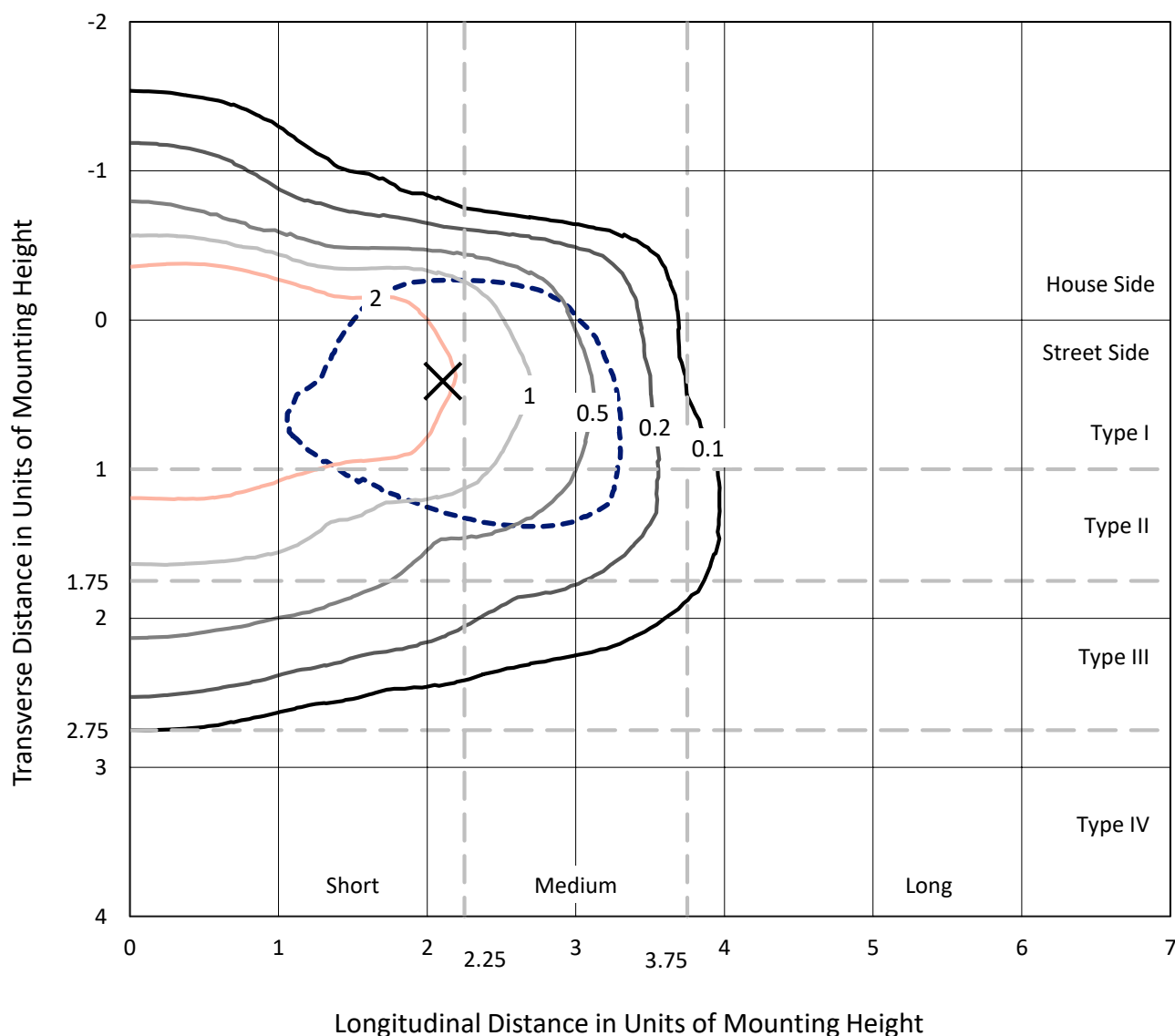
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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

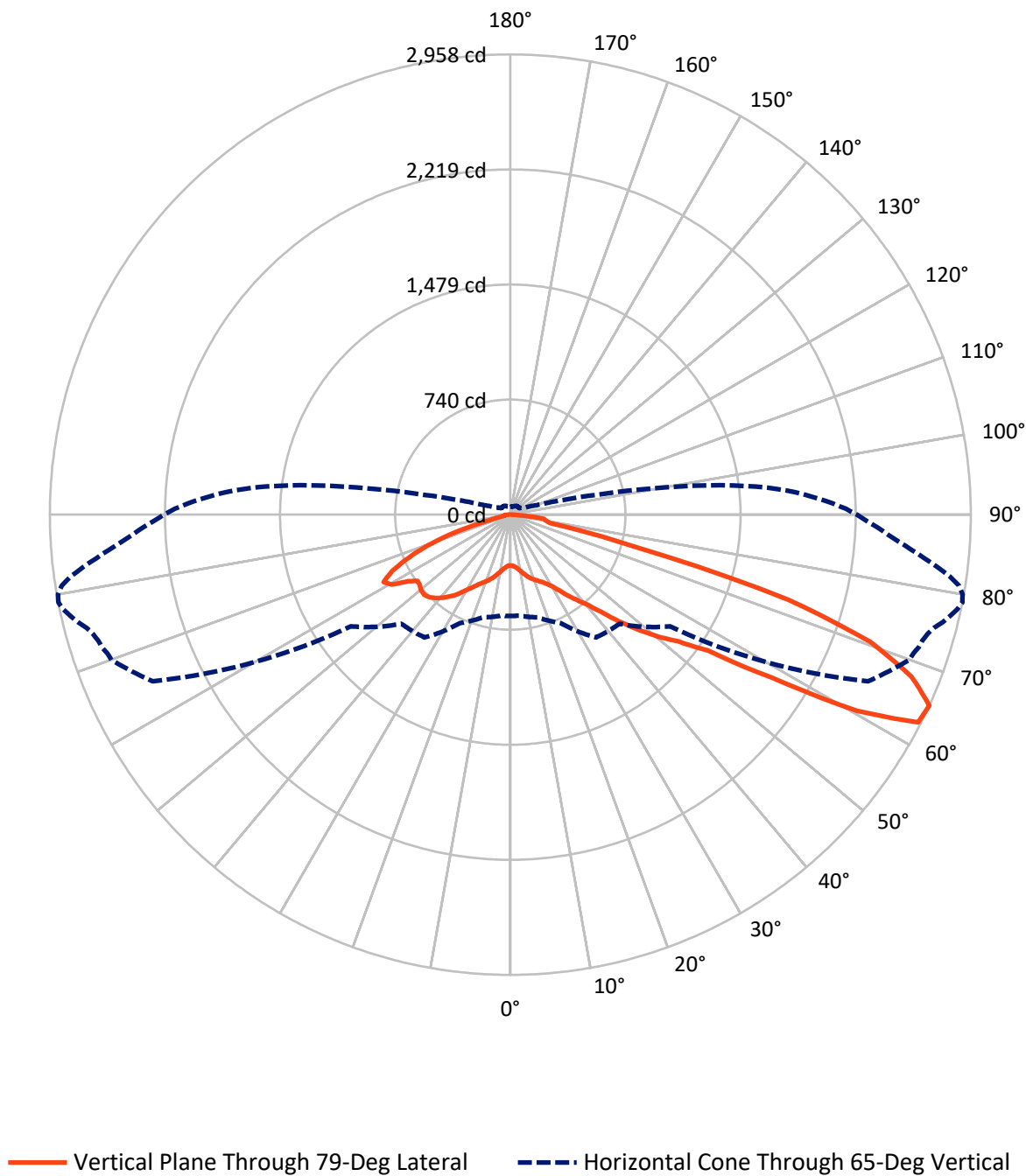


Based on 10 foot mounting height. Maximum calculated value = 4.2 fc  
 Type II - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 682.0    | 0.0    | 682.0  |
|                    | % Fixture | 22.7     | 0.0    | 22.7   |
| <b>Street Side</b> | Lumens    | 2322.4   | 0.0    | 2322.4 |
|                    | % Fixture | 77.3     | 0.0    | 77.3   |
| <b>Total</b>       | Lumens    | 3004.4   | 0.0    | 3004.4 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 32.4   | 1.1       |
| 10°-20°   | 105.5  | 3.5       |
| 20°-30°   | 181.9  | 6.1       |
| 30°-40°   | 296.6  | 9.9       |
| 40°-50°   | 495.1  | 16.5      |
| 50°-60°   | 669.5  | 22.3      |
| 60°-70°   | 831.8  | 27.7      |
| 70°-80°   | 333.1  | 11.1      |
| 80°-90°   | 58.5   | 1.9       |
| 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°    | 3004.4 | 100.0     |
| 0°-180°   | 3004.4 | 100.0     |

**Coefficient of Utilization**



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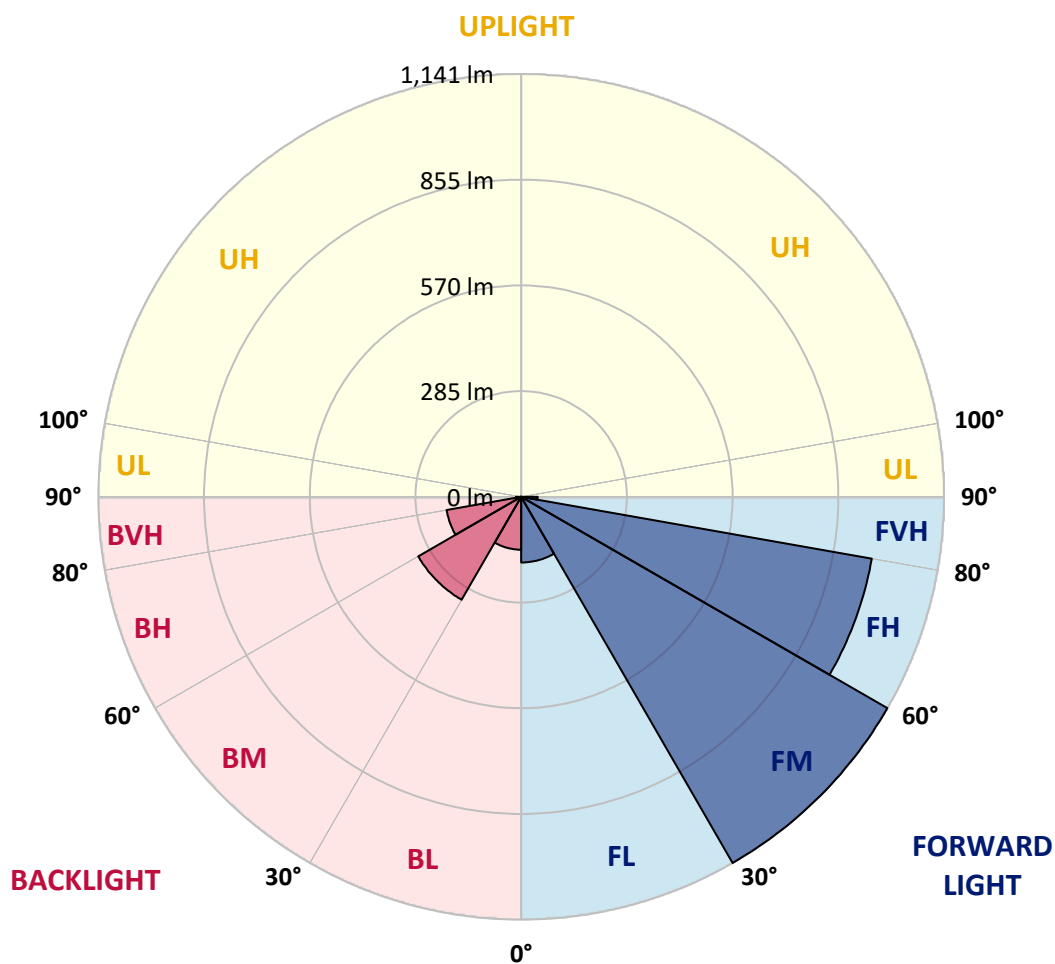
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 177.2  | 5.9       |                         |      |         |
| FM   | (30°-60°)   | 1140.5 | 38.0      |                         |      |         |
| FH   | (60°-80°)   | 960.4  | 32.0      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 44.4   | 1.5       |                         |      | G1/100  |
| BL   | (0°-30°)    | 142.6  | 4.7       | B1/500                  |      |         |
| BM   | (30°-60°)   | 320.8  | 10.7      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 204.4  | 6.8       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 14.1   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G1**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 15°   | 25°   | 35°    | 45°    | 55°    | 65°    | 70°    | 71°    | 72°    |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 326.5 | 326.5 | 326.5 | 326.5 | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  |
| 2.5°  | 329.0 | 328.8 | 329.8 | 330.6 | 330.6  | 331.0  | 330.8  | 329.6  | 329.8  | 330.2  | 329.8  |
| 5°    | 332.7 | 331.8 | 332.9 | 334.1 | 334.9  | 335.9  | 337.0  | 337.2  | 338.0  | 338.0  | 337.8  |
| 7.5°  | 340.7 | 340.1 | 341.5 | 341.9 | 343.7  | 345.4  | 347.4  | 348.9  | 349.7  | 350.1  | 350.7  |
| 10°   | 354.4 | 354.0 | 354.4 | 355.2 | 356.1  | 357.9  | 361.4  | 364.5  | 366.3  | 366.3  | 367.1  |
| 12.5° | 371.0 | 369.4 | 369.8 | 368.2 | 368.6  | 372.5  | 376.6  | 381.7  | 384.8  | 385.2  | 385.6  |
| 15°   | 384.0 | 383.1 | 382.5 | 380.3 | 381.9  | 387.0  | 393.4  | 400.8  | 403.5  | 405.7  | 405.5  |
| 17.5° | 396.1 | 395.1 | 393.6 | 390.5 | 392.2  | 400.4  | 410.0  | 418.2  | 422.8  | 423.2  | 423.6  |
| 20°   | 410.4 | 409.2 | 406.5 | 400.2 | 399.8  | 411.3  | 424.2  | 433.0  | 437.1  | 439.0  | 439.6  |
| 22.5° | 428.7 | 427.1 | 422.1 | 409.8 | 406.5  | 420.1  | 435.5  | 446.4  | 450.7  | 452.5  | 453.5  |
| 25°   | 452.1 | 448.8 | 441.0 | 421.7 | 415.0  | 429.1  | 447.6  | 460.7  | 466.7  | 468.5  | 469.8  |
| 27.5° | 473.2 | 470.8 | 461.3 | 438.6 | 426.9  | 441.2  | 462.4  | 479.2  | 487.4  | 489.7  | 491.5  |
| 30°   | 497.9 | 494.4 | 486.8 | 462.6 | 447.0  | 459.7  | 486.6  | 507.9  | 518.0  | 518.2  | 522.3  |
| 32.5° | 555.7 | 553.5 | 546.5 | 519.8 | 493.6  | 494.4  | 519.4  | 548.8  | 558.8  | 560.5  | 564.2  |
| 35°   | 641.5 | 640.7 | 640.5 | 625.7 | 606.2  | 586.1  | 588.0  | 610.3  | 617.1  | 619.8  | 621.0  |
| 37.5° | 698.0 | 705.1 | 722.6 | 733.3 | 728.3  | 732.6  | 710.1  | 682.8  | 678.9  | 676.0  | 677.2  |
| 40°   | 746.6 | 753.0 | 788.3 | 837.5 | 867.5  | 888.6  | 868.7  | 785.0  | 753.8  | 744.7  | 741.3  |
| 42.5° | 775.3 | 782.5 | 833.0 | 911.8 | 988.1  | 1038.2 | 1043.5 | 927.2  | 848.0  | 846.9  | 833.8  |
| 45°   | 790.9 | 798.1 | 858.4 | 964.5 | 1072.5 | 1162.8 | 1209.6 | 1102.2 | 985.9  | 977.3  | 959.0  |
| 47.5° | 787.8 | 794.6 | 857.4 | 984.0 | 1122.4 | 1245.5 | 1339.1 | 1279.1 | 1144.9 | 1124.2 | 1099.0 |
| 50°   | 750.3 | 755.2 | 821.1 | 952.2 | 1109.0 | 1280.0 | 1427.7 | 1441.5 | 1324.9 | 1296.8 | 1259.0 |
| 52.5° | 711.5 | 720.3 | 774.9 | 895.8 | 1048.5 | 1258.6 | 1480.7 | 1589.2 | 1493.0 | 1473.7 | 1425.3 |
| 55°   | 690.6 | 697.5 | 742.1 | 845.3 | 984.7  | 1185.8 | 1502.6 | 1728.6 | 1697.2 | 1689.4 | 1655.1 |
| 57.5° | 689.7 | 696.5 | 732.0 | 814.7 | 932.7  | 1109.8 | 1509.0 | 1943.9 | 2036.0 | 2038.1 | 2028.2 |
| 60°   | 723.4 | 730.4 | 760.1 | 829.5 | 916.7  | 1044.8 | 1486.2 | 2249.2 | 2452.8 | 2470.9 | 2501.0 |
| 62.5° | 728.1 | 731.4 | 767.3 | 860.9 | 975.0  | 996.1  | 1392.4 | 2503.5 | 2739.3 | 2755.9 | 2772.5 |
| 65°   | 651.4 | 651.2 | 683.0 | 769.2 | 962.9  | 991.2  | 1251.4 | 2534.7 | 2727.8 | 2737.9 | 2758.6 |
| 67.5° | 485.8 | 481.7 | 499.7 | 578.5 | 764.0  | 992.4  | 1084.4 | 2299.3 | 2515.2 | 2534.3 | 2541.3 |
| 70°   | 250.4 | 256.7 | 269.0 | 317.3 | 485.1  | 798.9  | 931.5  | 1940.0 | 2208.0 | 2215.2 | 2240.0 |
| 72.5° | 102.8 | 100.1 | 108.6 | 133.4 | 242.8  | 528.0  | 770.6  | 1530.9 | 1823.6 | 1818.7 | 1823.2 |
| 75°   | 57.3  | 58.1  | 60.5  | 69.6  | 118.0  | 265.1  | 662.0  | 1083.8 | 1240.2 | 1155.2 | 1129.5 |
| 77.5° | 46.0  | 46.4  | 46.6  | 48.2  | 64.4   | 141.4  | 508.1  | 713.8  | 623.7  | 579.1  | 562.1  |
| 80°   | 33.7  | 35.9  | 38.4  | 38.8  | 44.3   | 80.2   | 278.7  | 600.9  | 526.4  | 489.5  | 459.1  |
| 82.5° | 27.1  | 28.1  | 33.5  | 34.3  | 35.3   | 47.8   | 126.2  | 564.4  | 524.3  | 486.6  | 444.7  |
| 85°   | 16.2  | 18.1  | 27.3  | 27.5  | 27.9   | 29.1   | 69.8   | 229.8  | 285.9  | 252.6  | 231.3  |
| 87.5° | 5.7   | 7.4   | 13.5  | 11.3  | 14.4   | 11.9   | 30.6   | 77.0   | 94.8   | 90.1   | 79.8   |
| 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):**

|       | 73°    | 74°    | 75°    | 76°    | 77°    | 78°    | 79°    | 80°    | 81°    | 82°    | 83°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  |
| 2.5°  | 329.6  | 329.6  | 330.0  | 329.8  | 329.8  | 329.8  | 329.8  | 329.4  | 329.4  | 328.8  | 329.2  |
| 5°    | 337.8  | 337.6  | 337.8  | 338.0  | 337.8  | 338.2  | 338.0  | 337.8  | 338.0  | 337.8  | 338.0  |
| 7.5°  | 350.9  | 349.9  | 351.3  | 350.5  | 350.3  | 351.5  | 350.9  | 351.5  | 351.7  | 351.5  | 351.3  |
| 10°   | 367.6  | 368.2  | 368.2  | 368.2  | 367.8  | 369.0  | 369.2  | 369.6  | 369.8  | 370.6  | 370.6  |
| 12.5° | 386.6  | 386.8  | 387.7  | 387.5  | 387.9  | 389.3  | 390.3  | 390.5  | 390.7  | 391.4  | 390.5  |
| 15°   | 407.2  | 407.6  | 407.6  | 409.4  | 408.8  | 410.9  | 411.5  | 411.5  | 411.7  | 414.1  | 414.3  |
| 17.5° | 425.4  | 425.4  | 427.1  | 427.1  | 428.7  | 429.1  | 431.0  | 431.2  | 432.0  | 434.2  | 434.5  |
| 20°   | 440.8  | 441.6  | 442.7  | 443.9  | 444.5  | 445.7  | 447.0  | 448.2  | 449.2  | 451.1  | 451.3  |
| 22.5° | 455.4  | 456.2  | 457.8  | 458.7  | 460.1  | 460.9  | 462.0  | 463.4  | 465.0  | 467.5  | 468.1  |
| 25°   | 472.2  | 473.0  | 474.9  | 476.1  | 477.8  | 479.0  | 480.8  | 482.7  | 483.7  | 486.2  | 488.0  |
| 27.5° | 493.6  | 496.0  | 498.5  | 499.1  | 500.3  | 503.2  | 505.7  | 508.1  | 510.4  | 511.6  | 513.9  |
| 30°   | 524.8  | 524.8  | 529.9  | 529.9  | 532.1  | 534.8  | 536.4  | 539.1  | 543.2  | 544.5  | 547.3  |
| 32.5° | 566.6  | 567.6  | 569.5  | 575.0  | 579.1  | 580.4  | 581.6  | 585.5  | 588.0  | 591.0  | 594.5  |
| 35°   | 626.3  | 627.4  | 628.4  | 633.7  | 638.4  | 639.7  | 640.9  | 643.4  | 647.5  | 652.8  | 651.2  |
| 37.5° | 679.9  | 680.5  | 683.8  | 689.7  | 692.4  | 695.7  | 696.7  | 701.2  | 703.5  | 708.4  | 708.6  |
| 40°   | 744.3  | 742.9  | 744.7  | 751.5  | 755.6  | 755.4  | 758.7  | 766.9  | 768.6  | 770.8  | 776.6  |
| 42.5° | 834.2  | 828.9  | 834.6  | 836.9  | 843.0  | 846.9  | 853.5  | 859.1  | 863.0  | 871.6  | 875.7  |
| 45°   | 950.4  | 944.8  | 949.6  | 950.6  | 963.3  | 967.2  | 977.1  | 984.4  | 992.9  | 1002.7 | 1005.6 |
| 47.5° | 1082.7 | 1072.5 | 1066.7 | 1073.1 | 1088.3 | 1094.6 | 1104.3 | 1111.3 | 1120.1 | 1125.2 | 1123.6 |
| 50°   | 1236.0 | 1211.4 | 1199.9 | 1196.6 | 1207.5 | 1216.6 | 1231.5 | 1234.8 | 1238.9 | 1238.7 | 1238.9 |
| 52.5° | 1407.0 | 1381.3 | 1357.3 | 1340.7 | 1339.1 | 1351.2 | 1354.9 | 1355.7 | 1354.5 | 1345.2 | 1339.5 |
| 55°   | 1630.3 | 1628.4 | 1603.2 | 1568.7 | 1566.5 | 1565.0 | 1543.5 | 1540.8 | 1535.9 | 1521.7 | 1502.2 |
| 57.5° | 2035.4 | 2055.9 | 2039.3 | 2038.5 | 2020.4 | 2008.5 | 1968.9 | 1949.2 | 1928.5 | 1890.1 | 1859.5 |
| 60°   | 2503.7 | 2533.5 | 2549.9 | 2557.1 | 2592.4 | 2592.4 | 2559.9 | 2532.0 | 2498.4 | 2439.9 | 2382.8 |
| 62.5° | 2785.7 | 2811.7 | 2836.0 | 2873.9 | 2918.9 | 2938.8 | 2940.4 | 2915.6 | 2873.1 | 2806.4 | 2725.7 |
| 65°   | 2767.8 | 2787.1 | 2816.5 | 2861.2 | 2898.3 | 2934.0 | 2958.1 | 2950.5 | 2918.0 | 2851.3 | 2763.5 |
| 67.5° | 2565.7 | 2593.8 | 2631.8 | 2673.0 | 2707.5 | 2741.1 | 2779.9 | 2782.8 | 2774.2 | 2710.8 | 2631.3 |
| 70°   | 2253.7 | 2289.9 | 2313.9 | 2365.8 | 2381.4 | 2415.5 | 2454.4 | 2473.1 | 2459.2 | 2410.3 | 2363.7 |
| 72.5° | 1831.0 | 1859.5 | 1863.6 | 1841.0 | 1848.8 | 1857.3 | 1866.7 | 1823.0 | 1806.2 | 1740.9 | 1710.9 |
| 75°   | 1110.2 | 1072.7 | 1041.1 | 1009.7 | 915.9  | 882.7  | 831.6  | 730.8  | 719.3  | 650.1  | 602.1  |
| 77.5° | 528.0  | 512.2  | 483.7  | 435.9  | 372.3  | 311.3  | 258.4  | 209.9  | 191.9  | 158.0  | 134.6  |
| 80°   | 442.0  | 423.2  | 397.5  | 362.0  | 317.5  | 273.1  | 231.3  | 195.4  | 159.3  | 129.7  | 103.6  |
| 82.5° | 405.5  | 372.7  | 336.6  | 306.0  | 274.6  | 244.4  | 216.3  | 183.9  | 164.8  | 133.0  | 108.6  |
| 85°   | 205.0  | 179.6  | 145.5  | 122.5  | 103.4  | 84.1   | 72.9   | 62.2   | 55.4   | 44.1   | 38.4   |
| 87.5° | 68.7   | 56.2   | 41.9   | 35.5   | 32.0   | 27.5   | 25.2   | 24.0   | 23.4   | 20.7   | 18.5   |
| 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):**

|       | 84°    | 85°    | 86°    | 87°    | 88°    | 89°    | 90°    | 91°    | 92°    | 93°    | 94°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  |
| 2.5°  | 329.2  | 329.2  | 329.2  | 329.2  | 329.0  | 329.0  | 329.0  | 329.0  | 329.0  | 329.0  | 329.2  |
| 5°    | 337.6  | 337.6  | 337.8  | 338.4  | 337.2  | 337.6  | 338.0  | 337.4  | 338.0  | 337.4  | 338.2  |
| 7.5°  | 351.1  | 351.7  | 351.3  | 352.2  | 351.7  | 353.0  | 352.2  | 351.5  | 352.0  | 352.0  | 352.2  |
| 10°   | 370.2  | 371.0  | 370.4  | 370.8  | 370.8  | 371.7  | 370.6  | 370.8  | 371.0  | 370.6  | 370.8  |
| 12.5° | 391.4  | 391.8  | 391.6  | 392.8  | 392.2  | 392.8  | 392.2  | 393.0  | 393.4  | 393.8  | 393.8  |
| 15°   | 414.3  | 414.8  | 416.0  | 415.8  | 417.0  | 416.6  | 416.8  | 415.8  | 417.8  | 416.6  | 417.0  |
| 17.5° | 435.5  | 435.3  | 436.9  | 437.5  | 437.7  | 437.9  | 438.6  | 437.7  | 437.9  | 438.6  | 438.1  |
| 20°   | 451.9  | 453.3  | 453.7  | 455.4  | 456.6  | 457.0  | 456.8  | 457.4  | 458.3  | 457.4  | 457.4  |
| 22.5° | 469.3  | 471.4  | 472.0  | 473.0  | 474.3  | 474.5  | 475.7  | 476.3  | 476.7  | 476.5  | 476.7  |
| 25°   | 490.3  | 491.7  | 493.1  | 495.2  | 496.6  | 496.8  | 497.9  | 498.7  | 498.9  | 498.7  | 499.9  |
| 27.5° | 515.9  | 517.8  | 519.6  | 522.1  | 523.7  | 524.1  | 526.4  | 526.4  | 527.6  | 528.2  | 528.6  |
| 30°   | 549.0  | 549.6  | 554.3  | 556.8  | 556.1  | 559.0  | 562.1  | 561.9  | 563.3  | 563.7  | 564.8  |
| 32.5° | 597.0  | 597.0  | 601.1  | 604.2  | 607.5  | 606.4  | 611.1  | 610.3  | 612.6  | 613.8  | 613.2  |
| 35°   | 655.3  | 657.3  | 660.4  | 662.2  | 665.7  | 667.6  | 670.9  | 672.7  | 673.7  | 673.5  | 671.3  |
| 37.5° | 715.4  | 718.7  | 719.9  | 724.4  | 727.9  | 731.0  | 731.4  | 729.4  | 730.2  | 726.1  | 724.8  |
| 40°   | 784.1  | 788.9  | 791.7  | 798.5  | 798.1  | 802.0  | 802.4  | 796.5  | 795.4  | 790.1  | 784.6  |
| 42.5° | 880.2  | 886.8  | 889.0  | 894.1  | 890.0  | 891.9  | 881.6  | 879.2  | 871.0  | 862.3  | 849.8  |
| 45°   | 1009.7 | 1006.4 | 1007.8 | 1006.4 | 995.5  | 987.5  | 979.1  | 967.0  | 954.9  | 938.3  | 920.4  |
| 47.5° | 1123.6 | 1125.2 | 1114.6 | 1107.8 | 1090.1 | 1078.8 | 1063.5 | 1042.3 | 1027.5 | 1005.2 | 981.6  |
| 50°   | 1234.2 | 1215.9 | 1201.0 | 1185.4 | 1169.8 | 1149.0 | 1125.8 | 1107.2 | 1085.6 | 1057.7 | 1028.8 |
| 52.5° | 1324.1 | 1300.5 | 1282.4 | 1260.3 | 1239.1 | 1216.1 | 1191.9 | 1164.8 | 1136.5 | 1108.6 | 1072.9 |
| 55°   | 1483.3 | 1449.1 | 1425.9 | 1387.1 | 1363.1 | 1330.9 | 1312.0 | 1276.9 | 1237.5 | 1200.5 | 1162.6 |
| 57.5° | 1825.0 | 1773.7 | 1747.3 | 1725.3 | 1687.9 | 1635.0 | 1601.3 | 1543.7 | 1487.4 | 1448.0 | 1384.8 |
| 60°   | 2339.7 | 2287.6 | 2243.7 | 2191.8 | 2134.5 | 2062.7 | 2030.7 | 1962.7 | 1882.3 | 1817.2 | 1733.7 |
| 62.5° | 2660.5 | 2588.5 | 2517.2 | 2444.4 | 2386.9 | 2330.7 | 2264.4 | 2195.9 | 2116.2 | 2027.8 | 1936.5 |
| 65°   | 2673.4 | 2587.0 | 2501.9 | 2427.6 | 2360.2 | 2287.2 | 2225.0 | 2155.4 | 2071.7 | 1980.6 | 1885.8 |
| 67.5° | 2539.2 | 2442.5 | 2351.2 | 2269.7 | 2192.8 | 2125.1 | 2060.0 | 1994.5 | 1904.9 | 1828.5 | 1731.5 |
| 70°   | 2271.8 | 2183.6 | 2100.8 | 2008.1 | 1949.2 | 1873.1 | 1809.6 | 1740.7 | 1676.5 | 1605.0 | 1514.1 |
| 72.5° | 1668.7 | 1602.2 | 1507.8 | 1468.4 | 1436.8 | 1356.1 | 1308.9 | 1303.2 | 1262.1 | 1176.5 | 1108.6 |
| 75°   | 620.6  | 528.2  | 500.3  | 517.0  | 489.2  | 498.5  | 495.0  | 475.3  | 476.1  | 461.5  | 444.3  |
| 77.5° | 121.5  | 112.9  | 106.1  | 107.9  | 100.4  | 97.1   | 104.0  | 102.0  | 98.3   | 99.3   | 97.7   |
| 80°   | 82.7   | 70.0   | 63.4   | 61.0   | 57.9   | 56.4   | 56.0   | 55.4   | 54.2   | 53.6   | 51.7   |
| 82.5° | 81.5   | 60.5   | 47.8   | 41.0   | 38.6   | 37.4   | 36.3   | 36.1   | 35.7   | 35.5   | 36.1   |
| 85°   | 32.4   | 26.3   | 24.0   | 22.0   | 21.3   | 20.7   | 20.7   | 20.5   | 20.3   | 20.7   | 21.5   |
| 87.5° | 15.8   | 13.3   | 12.1   | 11.1   | 10.7   | 10.5   | 10.5   | 10.7   | 10.9   | 11.7   | 13.3   |
| 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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CATALOG NUMBER: RDG-E01-LED-E-U-SL2-7060

**CANDELA DISTRIBUTION (continued):**

|       | 95°    | 96°    | 97°    | 98°    | 99°    | 100°   | 101°  | 102°  | 103°  | 104°  | 105°  |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°    | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5 | 326.5 | 326.5 | 326.5 | 326.5 |
| 2.5°  | 328.8  | 329.0  | 328.6  | 328.8  | 328.6  | 328.1  | 327.9 | 328.6 | 328.4 | 328.1 | 328.1 |
| 5°    | 337.2  | 338.0  | 337.6  | 337.2  | 337.2  | 337.0  | 337.0 | 337.0 | 336.8 | 337.0 | 336.4 |
| 7.5°  | 351.7  | 351.5  | 351.5  | 351.1  | 350.7  | 351.1  | 350.9 | 350.3 | 350.5 | 350.1 | 349.5 |
| 10°   | 370.4  | 369.8  | 370.8  | 370.8  | 370.0  | 369.8  | 369.4 | 368.8 | 368.8 | 368.2 | 368.2 |
| 12.5° | 392.6  | 392.0  | 393.4  | 392.4  | 391.2  | 390.9  | 389.7 | 389.3 | 389.9 | 389.7 | 389.3 |
| 15°   | 415.2  | 415.4  | 416.0  | 415.8  | 414.3  | 414.3  | 412.7 | 412.9 | 411.7 | 411.3 | 410.2 |
| 17.5° | 437.1  | 437.3  | 436.7  | 436.7  | 435.7  | 435.1  | 433.2 | 433.4 | 432.6 | 431.0 | 429.7 |
| 20°   | 456.8  | 456.6  | 455.2  | 456.4  | 454.4  | 453.9  | 452.3 | 450.7 | 451.1 | 449.4 | 447.0 |
| 22.5° | 476.1  | 475.7  | 475.3  | 474.7  | 473.7  | 473.2  | 471.4 | 471.2 | 469.1 | 466.7 | 464.6 |
| 25°   | 498.5  | 498.3  | 497.7  | 497.9  | 495.8  | 496.0  | 492.7 | 491.9 | 490.7 | 488.0 | 486.4 |
| 27.5° | 527.4  | 527.4  | 525.8  | 525.2  | 524.5  | 523.7  | 520.9 | 518.8 | 515.7 | 512.6 | 509.4 |
| 30°   | 562.9  | 562.5  | 562.1  | 560.5  | 558.2  | 557.0  | 551.8 | 548.6 | 544.5 | 538.7 | 533.8 |
| 32.5° | 613.6  | 610.1  | 607.2  | 603.6  | 599.9  | 596.0  | 588.0 | 582.4 | 575.9 | 566.6 | 558.8 |
| 35°   | 670.0  | 664.1  | 661.0  | 653.4  | 646.4  | 638.6  | 629.0 | 617.7 | 608.7 | 596.6 | 583.9 |
| 37.5° | 716.6  | 712.1  | 703.9  | 695.3  | 685.4  | 670.7  | 659.8 | 647.7 | 631.9 | 618.5 | 603.1 |
| 40°   | 774.1  | 763.8  | 752.1  | 737.8  | 724.2  | 707.6  | 692.6 | 675.2 | 655.9 | 636.6 | 616.5 |
| 42.5° | 834.4  | 818.6  | 799.3  | 782.7  | 762.2  | 740.4  | 720.9 | 697.3 | 672.7 | 646.9 | 620.0 |
| 45°   | 896.0  | 876.5  | 850.8  | 827.2  | 798.7  | 771.4  | 743.5 | 711.3 | 677.6 | 643.2 | 609.3 |
| 47.5° | 952.4  | 923.9  | 894.8  | 863.0  | 830.1  | 795.0  | 755.4 | 713.1 | 668.8 | 623.5 | 581.2 |
| 50°   | 996.8  | 961.1  | 924.3  | 887.6  | 847.4  | 801.8  | 751.9 | 696.7 | 642.1 | 587.8 | 539.1 |
| 52.5° | 1036.0 | 995.9  | 950.8  | 905.2  | 855.6  | 799.5  | 737.2 | 672.1 | 605.6 | 545.5 | 490.9 |
| 55°   | 1111.9 | 1061.6 | 1002.1 | 943.4  | 880.6  | 810.0  | 732.2 | 652.6 | 576.1 | 510.6 | 452.5 |
| 57.5° | 1318.1 | 1250.2 | 1158.1 | 1076.6 | 997.0  | 894.1  | 784.6 | 686.5 | 589.0 | 511.6 | 447.0 |
| 60°   | 1643.0 | 1532.4 | 1426.9 | 1302.7 | 1173.9 | 1032.9 | 885.9 | 753.8 | 635.0 | 537.9 | 460.1 |
| 62.5° | 1831.4 | 1714.6 | 1579.0 | 1428.5 | 1261.5 | 1089.7 | 921.0 | 766.7 | 636.4 | 530.7 | 444.5 |
| 65°   | 1780.5 | 1663.1 | 1513.9 | 1360.0 | 1182.3 | 1006.6 | 839.1 | 691.0 | 564.6 | 466.9 | 384.4 |
| 67.5° | 1629.5 | 1506.7 | 1366.6 | 1195.8 | 1025.9 | 863.2  | 710.5 | 570.9 | 459.1 | 368.0 | 295.1 |
| 70°   | 1409.7 | 1300.5 | 1165.5 | 1008.0 | 843.3  | 696.9  | 568.3 | 442.5 | 347.8 | 264.3 | 206.9 |
| 72.5° | 1046.2 | 949.6  | 865.2  | 733.7  | 613.0  | 498.3  | 393.4 | 307.8 | 226.4 | 171.2 | 131.8 |
| 75°   | 439.2  | 406.5  | 392.8  | 344.6  | 299.6  | 245.6  | 184.9 | 147.3 | 119.4 | 101.6 | 80.7  |
| 77.5° | 106.5  | 106.5  | 100.1  | 93.8   | 86.2   | 78.0   | 69.0  | 61.6  | 57.9  | 54.6  | 51.9  |
| 80°   | 51.7   | 51.3   | 49.7   | 49.5   | 48.0   | 46.2   | 45.1  | 43.7  | 43.1  | 42.3  | 41.9  |
| 82.5° | 36.3   | 36.1   | 35.5   | 36.3   | 36.1   | 36.9   | 37.4  | 37.6  | 37.6  | 37.8  | 38.0  |
| 85°   | 23.0   | 23.8   | 25.4   | 27.5   | 29.3   | 31.6   | 33.7  | 35.3  | 36.5  | 37.6  | 38.4  |
| 87.5° | 14.6   | 16.6   | 17.9   | 20.9   | 24.0   | 27.5   | 31.4  | 33.0  | 34.5  | 34.7  | 33.5  |
| 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: RDG-E01-LED-E-U-SL2-7060

**CANDELA DISTRIBUTION (continued):**

|       | 106°  | 107°  | 108°  | 109°  | 110°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 326.5 | 326.5 | 326.5 | 326.5 | 326.5 | 326.5 | 326.5 | 326.5 | 326.5 | 326.5 | 326.5 |
| 2.5°  | 328.1 | 327.9 | 328.4 | 327.9 | 327.9 | 327.7 | 327.1 | 326.5 | 325.9 | 325.7 | 325.1 |
| 5°    | 336.2 | 336.2 | 336.6 | 335.7 | 335.9 | 335.1 | 333.3 | 331.2 | 329.4 | 327.7 | 325.9 |
| 7.5°  | 349.7 | 349.1 | 349.3 | 349.1 | 348.7 | 347.0 | 342.9 | 337.8 | 332.9 | 327.7 | 323.6 |
| 10°   | 367.8 | 366.5 | 366.5 | 366.1 | 365.5 | 363.2 | 354.6 | 344.4 | 334.1 | 324.9 | 318.1 |
| 12.5° | 387.9 | 388.1 | 386.4 | 385.4 | 384.4 | 379.7 | 366.7 | 350.3 | 334.1 | 319.3 | 308.4 |
| 15°   | 408.8 | 408.6 | 406.7 | 406.1 | 403.9 | 396.9 | 377.4 | 353.4 | 330.2 | 308.4 | 292.2 |
| 17.5° | 427.7 | 426.9 | 425.0 | 423.8 | 421.3 | 412.1 | 384.6 | 352.0 | 319.9 | 291.4 | 271.1 |
| 20°   | 444.9 | 443.9 | 442.3 | 440.0 | 437.5 | 424.2 | 387.3 | 344.6 | 303.7 | 271.1 | 250.6 |
| 22.5° | 462.8 | 460.5 | 458.7 | 455.6 | 452.9 | 435.1 | 385.4 | 331.4 | 285.3 | 248.5 | 226.6 |
| 25°   | 482.7 | 480.0 | 476.1 | 472.4 | 468.3 | 443.9 | 380.3 | 315.0 | 263.1 | 224.1 | 201.9 |
| 27.5° | 504.2 | 500.3 | 495.2 | 490.5 | 483.9 | 450.5 | 371.5 | 296.7 | 238.9 | 199.9 | 176.9 |
| 30°   | 527.0 | 519.8 | 513.5 | 506.3 | 497.9 | 453.5 | 358.7 | 274.2 | 212.2 | 175.3 | 152.3 |
| 32.5° | 549.2 | 539.5 | 530.1 | 519.6 | 508.1 | 452.3 | 340.7 | 247.5 | 185.5 | 152.3 | 133.0 |
| 35°   | 571.7 | 557.8 | 544.7 | 530.5 | 516.5 | 446.2 | 315.8 | 217.9 | 160.3 | 133.2 | 119.2 |
| 37.5° | 587.1 | 569.7 | 552.2 | 535.2 | 518.4 | 432.8 | 282.8 | 184.9 | 137.5 | 119.4 | 109.4 |
| 40°   | 594.9 | 573.6 | 552.2 | 531.1 | 510.4 | 410.6 | 244.2 | 154.7 | 121.3 | 109.2 | 102.0 |
| 42.5° | 592.7 | 566.2 | 539.7 | 514.7 | 489.2 | 375.3 | 202.3 | 129.9 | 110.0 | 101.2 | 94.8  |
| 45°   | 574.0 | 542.4 | 512.2 | 485.8 | 453.9 | 330.0 | 166.2 | 114.5 | 101.4 | 94.6  | 88.7  |
| 47.5° | 538.9 | 503.6 | 466.7 | 436.7 | 407.0 | 277.5 | 138.3 | 104.9 | 93.8  | 88.2  | 82.3  |
| 50°   | 494.2 | 453.3 | 416.4 | 384.0 | 354.8 | 228.4 | 119.2 | 96.7  | 87.6  | 82.9  | 76.5  |
| 52.5° | 444.9 | 401.0 | 367.3 | 333.3 | 304.8 | 190.7 | 105.9 | 87.6  | 81.7  | 76.8  | 71.6  |
| 55°   | 404.1 | 363.4 | 329.2 | 294.9 | 266.2 | 166.8 | 94.8  | 80.7  | 76.1  | 71.0  | 66.9  |
| 57.5° | 393.2 | 346.8 | 309.5 | 277.0 | 247.5 | 152.3 | 86.8  | 74.3  | 71.2  | 67.3  | 62.8  |
| 60°   | 397.7 | 346.6 | 304.8 | 269.3 | 238.3 | 140.6 | 80.9  | 70.0  | 67.5  | 64.0  | 59.3  |
| 62.5° | 381.5 | 327.5 | 285.3 | 247.5 | 218.2 | 125.8 | 76.5  | 67.9  | 66.3  | 61.6  | 56.2  |
| 65°   | 325.1 | 275.6 | 235.0 | 202.3 | 177.1 | 105.9 | 73.1  | 69.8  | 68.1  | 59.9  | 54.2  |
| 67.5° | 247.5 | 206.2 | 173.6 | 149.2 | 130.9 | 87.6  | 72.2  | 75.9  | 72.6  | 60.7  | 53.6  |
| 70°   | 171.2 | 140.0 | 119.0 | 104.3 | 92.8  | 73.9  | 74.9  | 82.7  | 78.0  | 63.4  | 57.1  |
| 72.5° | 108.6 | 90.7  | 80.4  | 74.9  | 69.4  | 62.4  | 74.3  | 81.9  | 75.5  | 63.8  | 57.1  |
| 75°   | 69.6  | 62.2  | 58.7  | 56.6  | 55.0  | 54.4  | 65.5  | 67.3  | 60.7  | 55.4  | 53.2  |
| 77.5° | 49.3  | 48.0  | 47.4  | 47.2  | 47.4  | 48.8  | 54.2  | 50.7  | 44.1  | 44.3  | 45.6  |
| 80°   | 41.7  | 41.7  | 41.2  | 41.5  | 41.9  | 42.5  | 43.3  | 37.4  | 33.9  | 36.5  | 40.6  |
| 82.5° | 38.2  | 38.8  | 39.2  | 39.6  | 40.2  | 39.4  | 36.7  | 28.3  | 27.3  | 35.5  | 39.8  |
| 85°   | 38.8  | 38.8  | 39.0  | 39.4  | 39.6  | 35.5  | 30.6  | 21.3  | 20.9  | 39.8  | 37.6  |
| 87.5° | 33.2  | 32.8  | 31.4  | 30.4  | 28.9  | 24.4  | 20.3  | 11.9  | 12.3  | 24.6  | 26.3  |
| 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: P145082

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**CANDELA DISTRIBUTION (continued):**

|       | 175°  | 180°  |
|-------|-------|-------|
| 0°    | 326.5 | 326.5 |
| 2.5°  | 324.9 | 324.9 |
| 5°    | 324.9 | 324.9 |
| 7.5°  | 322.2 | 321.4 |
| 10°   | 314.4 | 313.4 |
| 12.5° | 302.5 | 301.5 |
| 15°   | 284.2 | 283.0 |
| 17.5° | 261.5 | 259.4 |
| 20°   | 237.6 | 234.8 |
| 22.5° | 213.8 | 211.6 |
| 25°   | 189.4 | 187.4 |
| 27.5° | 165.4 | 163.4 |
| 30°   | 143.2 | 142.4 |
| 32.5° | 126.8 | 126.0 |
| 35°   | 114.7 | 114.3 |
| 37.5° | 106.5 | 106.1 |
| 40°   | 99.3  | 98.9  |
| 42.5° | 92.8  | 92.1  |
| 45°   | 86.2  | 86.4  |
| 47.5° | 79.6  | 79.4  |
| 50°   | 73.9  | 73.9  |
| 52.5° | 69.2  | 69.0  |
| 55°   | 64.8  | 64.6  |
| 57.5° | 60.5  | 60.3  |
| 60°   | 56.8  | 56.2  |
| 62.5° | 53.4  | 52.9  |
| 65°   | 51.1  | 50.9  |
| 67.5° | 49.5  | 48.8  |
| 70°   | 49.0  | 47.4  |
| 72.5° | 47.8  | 45.8  |
| 75°   | 44.9  | 43.9  |
| 77.5° | 39.6  | 38.4  |
| 80°   | 30.6  | 28.3  |
| 82.5° | 25.7  | 22.2  |
| 85°   | 18.9  | 17.4  |
| 87.5° | 13.7  | 10.9  |
| 90°   | 0.0   | 0.0   |

(END OF REPORT)