

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: PORTFOLIO

Report Number: P1319322

Luminaire Tested: LDSQA3D17R159835DE010 3LSQCA30R 1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319322
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R159835DE010 3LSQCA30R 1MB
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , 3LSQCA30R 1MB TRIM
Light Source: -
Ballast/Driver: -

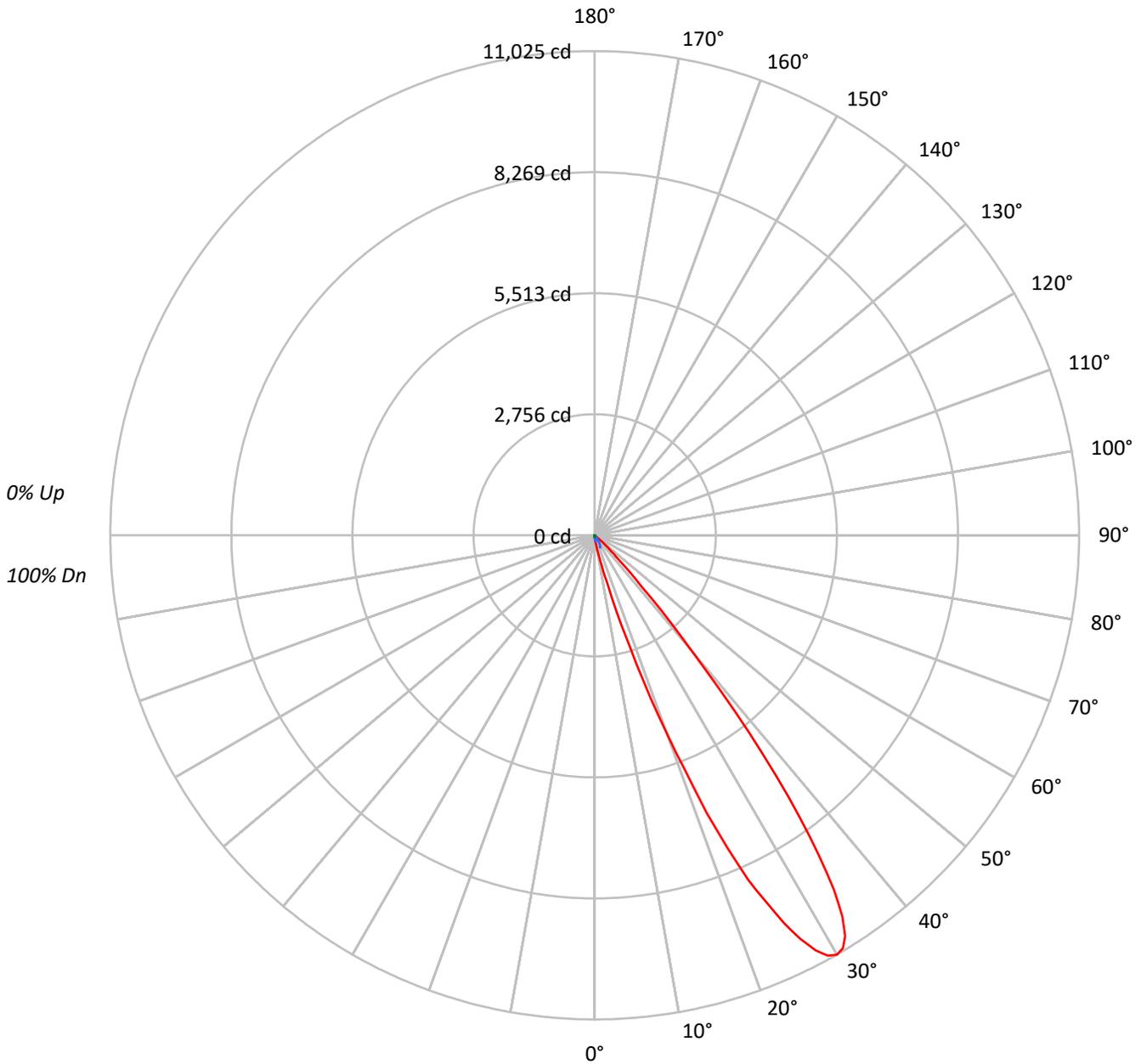
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1166.0 lumens
Efficiency: N/A
Efficacy: 57.2 lumens/watt
Spacing Criteria (0/90/45): 2.33 / 0.38 / 1.17
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (A_{in}): 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: 24 FT

TEST NUMBER: P1319322
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Luminous Intensity Polar Plot



— 0°-180° - - - 45°-225° ····· 90°-270°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | 100 |
| 1 | 113 | 109 | 107 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 95 | 94 | 92 | | | | 92 |
| 2 | 106 | 100 | 96 | 92 | 104 | 99 | 94 | 91 | 95 | 92 | 89 | 92 | 89 | 87 | 89 | 87 | 85 | 83 | | | | 83 |
| 3 | 99 | 92 | 86 | 81 | 97 | 90 | 85 | 81 | 88 | 83 | 79 | 85 | 81 | 78 | 83 | 80 | 77 | 75 | | | | 75 |
| 4 | 93 | 84 | 78 | 73 | 91 | 83 | 77 | 72 | 81 | 75 | 71 | 79 | 74 | 70 | 77 | 73 | 70 | 68 | | | | 68 |
| 5 | 87 | 77 | 70 | 65 | 85 | 76 | 70 | 65 | 74 | 68 | 64 | 72 | 67 | 63 | 71 | 66 | 63 | 61 | | | | 61 |
| 6 | 81 | 71 | 63 | 58 | 79 | 70 | 63 | 58 | 68 | 62 | 58 | 67 | 61 | 57 | 65 | 60 | 57 | 55 | | | | 55 |
| 7 | 76 | 65 | 57 | 52 | 74 | 64 | 57 | 52 | 63 | 56 | 52 | 61 | 56 | 52 | 60 | 55 | 51 | 50 | | | | 50 |
| 8 | 71 | 59 | 52 | 47 | 69 | 59 | 52 | 47 | 58 | 51 | 47 | 56 | 51 | 47 | 55 | 50 | 46 | 45 | | | | 45 |
| 9 | 66 | 55 | 47 | 43 | 65 | 54 | 47 | 43 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 41 | | | | 41 |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 39 | 49 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 37 | | | | 37 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|---------|-------|------|------|------|
| 0° | 7182 | 7182 | 7182 | 7182 | 7182 |
| 5° | 20780 | 15680 | 6155 | 2541 | 1694 |
| 10° | 54038 | 23364 | 4075 | 0 | 0 |
| 15° | 215990 | 38263 | 2193 | 0 | 0 |
| 20° | 882453 | 56412 | 678 | 0 | 0 |
| 25° | 1744426 | 55925 | 0 | 0 | 0 |
| 30° | 2192533 | 44128 | 0 | 0 | 0 |
| 35° | 1870739 | 27059 | 0 | 0 | 0 |
| 40° | 770191 | 8543 | 0 | 0 | 0 |
| 45° | 166643 | 3580 | 0 | 0 | 0 |
| 50° | 21354 | 0 | 0 | 0 | 0 |
| 55° | 1832 | 0 | 360 | 0 | 0 |
| 60° | 0 | 0 | 861 | 0 | 0 |
| 65° | 0 | 0 | 1019 | 0 | 0 |
| 70° | 0 | 604 | 1863 | 0 | 0 |
| 75° | 0 | 799 | 2462 | 0 | 0 |
| 80° | 0 | 1190 | 3670 | 0 | 0 |
| 85° | 0 | 2371 | 7311 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 2°
 Vertical Angle: 45°
 Luminance: 174389 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 5.6 | 0.5 |
| 10°-20° | 81.7 | 7.0 |
| 20°-30° | 476.3 | 40.8 |
| 30°-40° | 510.7 | 43.8 |
| 40°-50° | 86.2 | 7.4 |
| 50°-60° | 2.6 | 0.2 |
| 60°-70° | 0.8 | 0.1 |
| 70°-80° | 1.1 | 0.1 |
| 80°-90° | 1.0 | 0.1 |
| 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°-30° | 563.6 | 48.3 |
| 0°-40° | 1074.3 | 92.1 |
| 0°-60° | 1163.1 | 99.7 |
| 0°-90° | 1166.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1166.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 42 | 42 | 42 | 42 | 42 | |
| 5° | 120 | 91 | 36 | 15 | 10 | 16 |
| 15° | 1211 | 215 | 12 | 0 | 0 | 560 |
| 25° | 9180 | 294 | 0 | 0 | 0 | 4153 |
| 35° | 8898 | 129 | 0 | 0 | 0 | 5114 |
| 45° | 684 | 15 | 0 | 0 | 0 | 808 |
| 55° | 6 | 0 | 1 | 0 | 0 | 15 |
| 65° | 0 | 0 | 2 | 0 | 0 | 0 |
| 75° | 0 | 1 | 4 | 0 | 0 | 0 |
| 85° | 0 | 1 | 4 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1319322

CATALOG NUMBER: LDSQA3D17R159835DE010 3LSQCA30R 1MB

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° |
|-------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| 0° | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| 2.5° | 76.0 | 77.2 | 78.5 | 78.5 | 78.5 | 78.5 | 77.2 | 77.2 | 77.2 | 77.2 | 76.0 |
| 5° | 120.2 | 120.2 | 120.2 | 120.2 | 120.2 | 120.2 | 118.9 | 118.9 | 118.9 | 118.9 | 118.9 |
| 7.5° | 171.7 | 169.2 | 170.4 | 166.8 | 169.2 | 168.0 | 166.8 | 169.2 | 169.2 | 163.1 | 163.1 |
| 10° | 309.0 | 307.8 | 295.5 | 297.9 | 300.4 | 299.2 | 299.2 | 291.8 | 290.6 | 285.7 | 280.8 |
| 12.5° | 595.9 | 609.4 | 619.2 | 619.2 | 595.9 | 604.5 | 588.5 | 592.2 | 594.7 | 587.3 | 561.6 |
| 15° | 1211.4 | 1233.5 | 1210.2 | 1232.2 | 1223.7 | 1191.8 | 1156.2 | 1108.4 | 1126.8 | 1093.7 | 1082.7 |
| 17.5° | 2653.3 | 2703.6 | 2682.7 | 2581.0 | 2614.1 | 2535.6 | 2486.6 | 2468.2 | 2416.7 | 2263.4 | 2199.6 |
| 20° | 4814.9 | 4876.2 | 4818.6 | 4699.7 | 4737.7 | 4589.3 | 4551.3 | 4515.8 | 4287.7 | 4204.3 | 3937.0 |
| 21° | 5724.7 | 5775.0 | 5797.1 | 5673.2 | 5597.2 | 5479.5 | 5381.4 | 5349.5 | 5211.0 | 5050.4 | 4775.7 |
| 22° | 6823.3 | 6764.5 | 6632.0 | 6649.2 | 6536.4 | 6439.5 | 6303.4 | 6174.7 | 6020.2 | 5795.8 | 5569.0 |
| 23° | 7733.1 | 7664.4 | 7601.9 | 7525.9 | 7404.5 | 7335.8 | 7140.9 | 6999.9 | 6798.8 | 6558.5 | 6340.2 |
| 24° | 8580.3 | 8474.9 | 8435.7 | 8300.8 | 8266.4 | 8112.0 | 7953.8 | 7769.9 | 7527.1 | 7270.8 | 7029.3 |
| 25° | 9179.9 | 9195.8 | 9161.5 | 9145.6 | 8970.2 | 8812.1 | 8655.1 | 8371.9 | 8164.7 | 7937.8 | 7566.3 |
| 26° | 9822.4 | 9829.7 | 9812.6 | 9694.9 | 9536.7 | 9382.2 | 9179.9 | 8933.5 | 8633.1 | 8381.7 | 8045.7 |
| 27° | 10314.1 | 10284.6 | 10260.1 | 10120.3 | 9990.4 | 9795.4 | 9611.5 | 9319.7 | 9026.6 | 8727.5 | 8337.6 |
| 28° | 10706.4 | 10651.2 | 10620.6 | 10500.4 | 10348.4 | 10109.3 | 9883.7 | 9611.5 | 9318.5 | 8997.2 | 8575.4 |
| 29° | 10943.1 | 10884.2 | 10849.9 | 10717.4 | 10542.1 | 10332.4 | 10104.4 | 9805.2 | 9490.1 | 9132.1 | 8707.8 |
| 30° | 11025.2 | 10990.9 | 10936.9 | 10799.6 | 10618.1 | 10399.9 | 10165.7 | 9840.8 | 9511.0 | 9144.3 | 8695.6 |
| 31° | 10971.3 | 10927.1 | 10875.6 | 10727.3 | 10531.1 | 10322.6 | 10050.4 | 9709.6 | 9362.6 | 9013.2 | 8537.4 |
| 32° | 10756.7 | 10729.7 | 10667.2 | 10468.5 | 10309.2 | 10039.4 | 9770.9 | 9452.1 | 9073.2 | 8698.0 | 8267.7 |
| 33° | 10354.5 | 10310.4 | 10256.4 | 10075.0 | 9871.4 | 9612.7 | 9345.4 | 9019.3 | 8642.9 | 8246.8 | 7773.6 |
| 34° | 9741.5 | 9685.1 | 9617.6 | 9496.2 | 9236.3 | 9011.9 | 8702.9 | 8321.6 | 8010.2 | 7630.1 | 7202.2 |
| 35° | 8897.9 | 8815.7 | 8734.8 | 8642.9 | 8351.0 | 8143.8 | 7935.4 | 7603.1 | 7302.7 | 6944.7 | 6460.4 |
| 36° | 7951.3 | 7919.5 | 7853.2 | 7610.5 | 7516.1 | 7234.1 | 7066.1 | 6684.8 | 6442.0 | 6091.3 | 5691.6 |
| 37° | 6880.9 | 6693.3 | 6789.0 | 6652.9 | 6368.4 | 6280.1 | 6080.3 | 5752.9 | 5490.5 | 5120.2 | 4830.9 |
| 38° | 5733.3 | 5610.7 | 5678.1 | 5540.8 | 5392.4 | 5188.9 | 5036.9 | 4797.8 | 4503.5 | 4212.9 | 3938.3 |
| 39° | 4544.0 | 4444.7 | 4518.2 | 4425.0 | 4199.4 | 4114.8 | 3980.0 | 3797.3 | 3560.6 | 3333.8 | 3073.9 |
| 40° | 3425.8 | 3298.2 | 3396.3 | 3263.9 | 3160.9 | 3022.4 | 2953.7 | 2785.7 | 2638.6 | 2502.5 | 2337.0 |
| 42.5° | 1564.5 | 1551.0 | 1529.0 | 1481.1 | 1470.1 | 1471.3 | 1386.7 | 1331.6 | 1256.8 | 1169.7 | 1117.0 |
| 45° | 684.2 | 701.3 | 716.0 | 689.1 | 687.8 | 673.1 | 668.2 | 631.4 | 616.7 | 588.5 | 554.2 |
| 47.5° | 337.2 | 343.3 | 339.6 | 347.0 | 340.9 | 331.1 | 328.6 | 323.7 | 309.0 | 307.8 | 291.8 |
| 50° | 79.7 | 78.5 | 78.5 | 79.7 | 78.5 | 78.5 | 77.2 | 74.8 | 73.6 | 74.8 | 71.1 |
| 52.5° | 25.7 | 27.0 | 25.7 | 24.5 | 25.7 | 27.0 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 |
| 55° | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 4.9 | 4.9 | 6.1 | 6.1 | 6.1 |
| 57.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 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):

| | 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 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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CATALOG NUMBER: LDSQA3D17R159835DE010 3LSQCA30R 1MB

CANDELA DISTRIBUTION (continued):

| | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|--------|-------|-------|------|--------|------|--------|------|
| 0° | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| 2.5° | 74.8 | 63.8 | 52.7 | 41.7 | 30.7 | 24.5 | 23.3 | 22.1 |
| 5° | 112.8 | 90.7 | 60.1 | 35.6 | 20.8 | 14.7 | 11.0 | 9.8 |
| 7.5° | 152.0 | 112.8 | 66.2 | 29.4 | 14.7 | 6.1 | 2.5 | 1.2 |
| 10° | 218.2 | 133.6 | 68.7 | 23.3 | 7.4 | 0.0 | 0.0 | 0.0 |
| 12.5° | 427.9 | 153.3 | 67.4 | 18.4 | 1.2 | 0.0 | 0.0 | 0.0 |
| 15° | 711.1 | 214.6 | 62.5 | 12.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17.5° | 1164.8 | 277.1 | 53.9 | 8.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 1806.1 | 307.8 | 41.7 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21° | 2117.5 | 310.2 | 36.8 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22° | 2387.2 | 310.2 | 31.9 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 23° | 2637.4 | 306.5 | 28.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24° | 2843.4 | 301.6 | 25.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 2997.8 | 294.3 | 23.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26° | 3069.0 | 284.5 | 19.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27° | 3104.5 | 271.0 | 17.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28° | 3080.0 | 256.3 | 14.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29° | 3018.7 | 240.3 | 11.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 2939.0 | 221.9 | 8.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31° | 2822.5 | 203.5 | 6.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32° | 2663.1 | 185.1 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33° | 2449.8 | 165.5 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 34° | 2186.2 | 145.9 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 1890.7 | 128.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36° | 1636.9 | 110.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37° | 1381.8 | 88.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38° | 1157.4 | 69.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 39° | 957.6 | 56.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 793.3 | 38.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 438.9 | 25.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 266.1 | 14.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 154.5 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 58.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 19.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 4.9 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 1.2 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 1.2 | 2.5 | 1.2 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 2.5 | 2.5 | 1.2 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 2.5 | 3.7 | 1.2 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 1.2 | 2.5 | 3.7 | 1.2 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 1.2 | 2.5 | 3.7 | 1.2 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 1.2 | 2.5 | 3.7 | 1.2 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 1.2 | 2.5 | 3.7 | 1.2 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 1.2 | 2.5 | 3.7 | 1.2 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|-------|-----|--------|------|--------|------|
| 82.5° | 0.0 | 1.2 | 2.5 | 3.7 | 1.2 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 1.2 | 2.5 | 3.7 | 1.2 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 1.2 | 2.5 | 3.7 | 1.2 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)