

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: P1310465

Luminaire Tested: LDSQA3D17R159035DE010 3LSQCA30R 1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310465
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: LDSQA3D17R159035DE010 3LSQCA30R 1MB
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , 3LSQCA30R 1MB TRIM
Light Source: -
Ballast/Driver: -

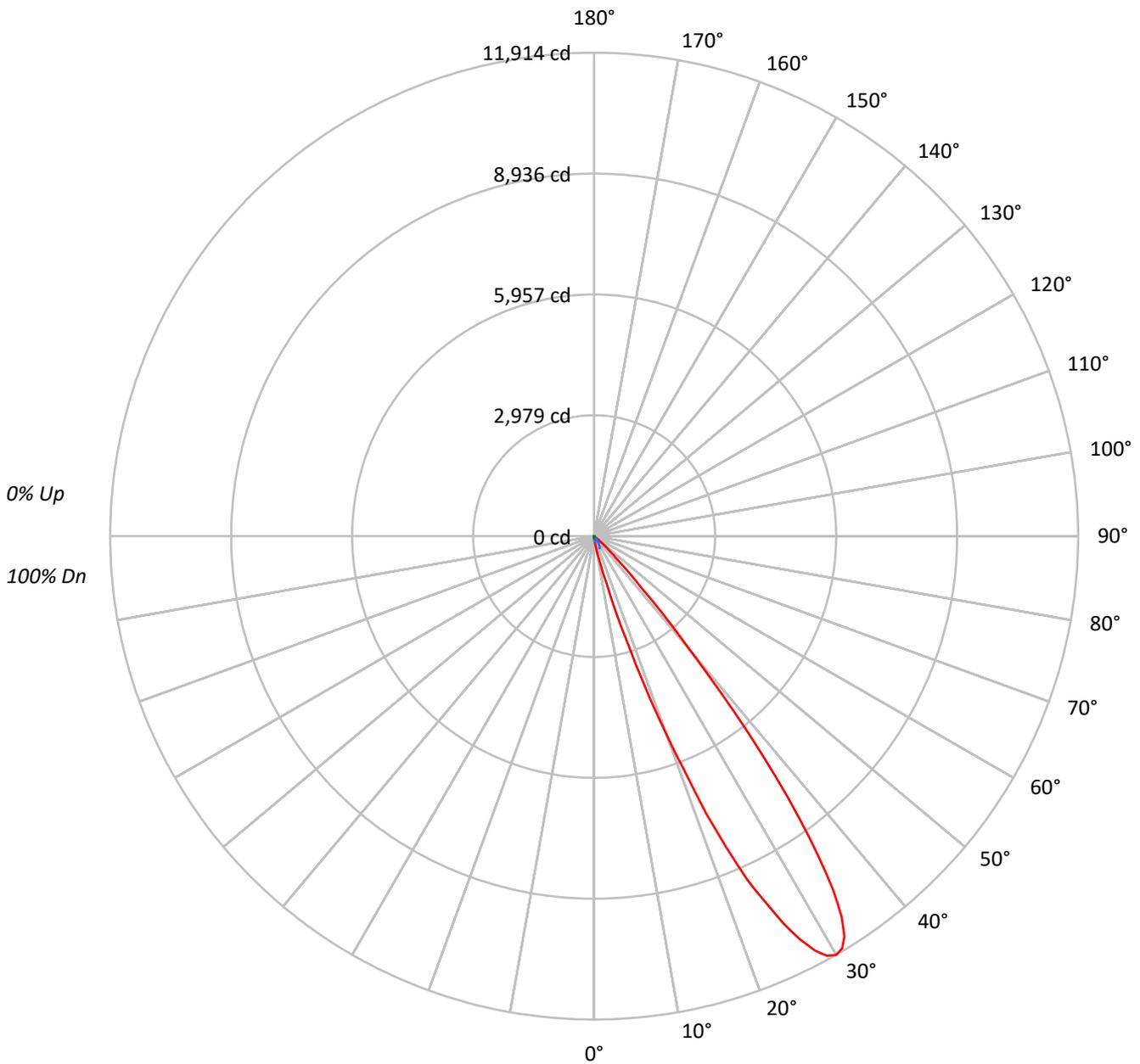
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1260.0 lumens
Efficiency: N/A
Efficacy: 59.4 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): 21.2
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: P1310465
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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 | |
| 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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 113 | 109 | 107 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 95 | 94 | 92 |
| 2 | 106 | 100 | 96 | 92 | 104 | 99 | 94 | 91 | 95 | 92 | 89 | 92 | 89 | 87 | 89 | 87 | 85 | 83 |
| 3 | 99 | 92 | 86 | 81 | 97 | 90 | 85 | 81 | 88 | 83 | 79 | 85 | 81 | 78 | 83 | 80 | 77 | 75 |
| 4 | 93 | 84 | 78 | 73 | 91 | 83 | 77 | 72 | 81 | 75 | 71 | 79 | 74 | 70 | 77 | 73 | 70 | 68 |
| 5 | 87 | 77 | 70 | 65 | 85 | 76 | 70 | 65 | 74 | 68 | 64 | 72 | 67 | 63 | 71 | 66 | 63 | 61 |
| 6 | 81 | 71 | 63 | 58 | 79 | 70 | 63 | 58 | 68 | 62 | 58 | 67 | 61 | 57 | 65 | 60 | 57 | 55 |
| 7 | 76 | 65 | 57 | 52 | 74 | 64 | 57 | 52 | 63 | 56 | 52 | 61 | 56 | 52 | 60 | 55 | 51 | 50 |
| 8 | 71 | 59 | 52 | 47 | 69 | 59 | 52 | 47 | 58 | 51 | 47 | 56 | 51 | 47 | 55 | 50 | 46 | 45 |
| 9 | 66 | 55 | 47 | 43 | 65 | 54 | 47 | 43 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 41 |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 39 | 49 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 37 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|---------|-------|------|------|------|
| 0° | 7750 | 7750 | 7750 | 7750 | 7750 |
| 5° | 22440 | 16942 | 6639 | 2749 | 1833 |
| 10° | 58392 | 25253 | 4407 | 0 | 0 |
| 15° | 233410 | 41347 | 2354 | 0 | 0 |
| 20° | 953601 | 60957 | 733 | 0 | 0 |
| 25° | 1885064 | 60428 | 0 | 0 | 0 |
| 30° | 2369284 | 47688 | 0 | 0 | 0 |
| 35° | 2021548 | 29245 | 0 | 0 | 0 |
| 40° | 832264 | 9240 | 0 | 0 | 0 |
| 45° | 180064 | 3873 | 0 | 0 | 0 |
| 50° | 23069 | 0 | 0 | 0 | 0 |
| 55° | 1982 | 0 | 390 | 0 | 0 |
| 60° | 0 | 0 | 896 | 0 | 0 |
| 65° | 0 | 0 | 1060 | 0 | 0 |
| 70° | 0 | 655 | 2014 | 0 | 0 |
| 75° | 0 | 865 | 2662 | 0 | 0 |
| 80° | 0 | 1289 | 3967 | 0 | 0 |
| 85° | 0 | 2569 | 7904 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 2°
 Vertical Angle: 45°
 Luminance: 188466 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 6.0 | 0.5 |
| 10°-20° | 88.3 | 7.0 |
| 20°-30° | 514.7 | 40.8 |
| 30°-40° | 551.9 | 43.8 |
| 40°-50° | 93.1 | 7.4 |
| 50°-60° | 2.8 | 0.2 |
| 60°-70° | 0.8 | 0.1 |
| 70°-80° | 1.2 | 0.1 |
| 80°-90° | 1.1 | 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° | 609.0 | 48.3 |
| 0°-40° | 1160.9 | 92.1 |
| 0°-60° | 1256.8 | 99.8 |
| 0°-90° | 1260.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1260.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 45 | 45 | 45 | 45 | 45 | |
| 5° | 130 | 98 | 38 | 16 | 11 | 18 |
| 15° | 1309 | 232 | 13 | 0 | 0 | 606 |
| 25° | 9920 | 318 | 0 | 0 | 0 | 4488 |
| 35° | 9615 | 139 | 0 | 0 | 0 | 5526 |
| 45° | 739 | 16 | 0 | 0 | 0 | 873 |
| 55° | 7 | 0 | 1 | 0 | 0 | 17 |
| 65° | 0 | 0 | 3 | 0 | 0 | 0 |
| 75° | 0 | 1 | 4 | 0 | 0 | 0 |
| 85° | 0 | 1 | 4 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 0° | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 |
| 2.5° | 82.1 | 83.5 | 84.8 | 84.8 | 84.8 | 84.8 | 83.5 | 83.5 | 83.5 | 83.5 | 82.1 |
| 5° | 129.8 | 129.8 | 129.8 | 129.8 | 129.8 | 129.8 | 128.5 | 128.5 | 128.5 | 128.5 | 128.5 |
| 7.5° | 185.5 | 182.8 | 184.2 | 180.2 | 182.8 | 181.5 | 180.2 | 182.8 | 182.8 | 176.2 | 176.2 |
| 10° | 333.9 | 332.6 | 319.3 | 322.0 | 324.6 | 323.3 | 323.3 | 315.3 | 314.0 | 308.7 | 303.4 |
| 12.5° | 643.9 | 658.5 | 669.1 | 669.1 | 643.9 | 653.2 | 636.0 | 640.0 | 642.6 | 634.7 | 606.8 |
| 15° | 1309.1 | 1332.9 | 1307.7 | 1331.6 | 1322.3 | 1287.9 | 1249.4 | 1197.8 | 1217.6 | 1181.9 | 1169.9 |
| 17.5° | 2867.2 | 2921.5 | 2899.0 | 2789.0 | 2824.8 | 2740.0 | 2687.0 | 2667.1 | 2611.5 | 2445.9 | 2377.0 |
| 20° | 5203.1 | 5269.4 | 5207.1 | 5078.6 | 5119.6 | 4959.3 | 4918.2 | 4879.8 | 4633.4 | 4543.3 | 4254.4 |
| 21° | 6186.2 | 6240.6 | 6264.4 | 6130.6 | 6048.4 | 5921.2 | 5815.2 | 5780.8 | 5631.1 | 5457.5 | 5160.7 |
| 22° | 7373.4 | 7309.8 | 7166.7 | 7185.2 | 7063.4 | 6958.7 | 6811.6 | 6672.5 | 6505.5 | 6263.1 | 6018.0 |
| 23° | 8356.5 | 8282.3 | 8214.7 | 8132.6 | 8001.4 | 7927.2 | 7716.6 | 7564.2 | 7346.9 | 7087.2 | 6851.4 |
| 24° | 9272.1 | 9158.1 | 9115.7 | 8970.0 | 8932.9 | 8765.9 | 8595.0 | 8396.3 | 8133.9 | 7857.0 | 7596.0 |
| 25° | 9920.0 | 9937.2 | 9900.1 | 9882.9 | 9693.4 | 9522.5 | 9352.9 | 9046.8 | 8822.9 | 8577.8 | 8176.3 |
| 26° | 10614.2 | 10622.2 | 10603.6 | 10476.4 | 10305.5 | 10138.6 | 9920.0 | 9653.6 | 9329.0 | 9057.4 | 8694.4 |
| 27° | 11145.5 | 11113.7 | 11087.3 | 10936.2 | 10795.8 | 10585.1 | 10386.3 | 10071.0 | 9754.3 | 9431.1 | 9009.7 |
| 28° | 11569.5 | 11509.9 | 11476.8 | 11346.9 | 11182.6 | 10924.3 | 10680.5 | 10386.3 | 10069.7 | 9722.5 | 9266.8 |
| 29° | 11825.3 | 11761.7 | 11724.6 | 11581.5 | 11392.0 | 11165.4 | 10919.0 | 10595.7 | 10255.2 | 9868.3 | 9409.9 |
| 30° | 11914.0 | 11876.9 | 11818.6 | 11670.2 | 11474.1 | 11238.3 | 10985.2 | 10634.1 | 10277.7 | 9881.5 | 9396.6 |
| 31° | 11855.7 | 11808.0 | 11752.4 | 11592.1 | 11380.1 | 11154.8 | 10860.7 | 10492.3 | 10117.4 | 9739.8 | 9225.7 |
| 32° | 11623.9 | 11594.7 | 11527.1 | 11312.5 | 11140.2 | 10848.8 | 10558.6 | 10214.1 | 9804.7 | 9399.3 | 8934.2 |
| 33° | 11189.3 | 11141.6 | 11083.3 | 10887.2 | 10667.2 | 10387.7 | 10098.8 | 9746.4 | 9339.6 | 8911.7 | 8400.2 |
| 34° | 10526.8 | 10465.8 | 10393.0 | 10261.8 | 9980.9 | 9738.4 | 9404.6 | 8992.5 | 8656.0 | 8245.2 | 7782.8 |
| 35° | 9615.2 | 9526.4 | 9439.0 | 9339.6 | 9024.3 | 8800.4 | 8575.1 | 8216.1 | 7891.5 | 7504.6 | 6981.2 |
| 36° | 8592.4 | 8557.9 | 8486.4 | 8224.0 | 8122.0 | 7817.3 | 7635.7 | 7223.7 | 6961.3 | 6582.4 | 6150.5 |
| 37° | 7435.7 | 7232.9 | 7336.3 | 7189.2 | 6881.8 | 6786.4 | 6570.5 | 6216.7 | 5933.2 | 5533.0 | 5220.3 |
| 38° | 6195.5 | 6063.0 | 6135.9 | 5987.5 | 5827.2 | 5607.2 | 5442.9 | 5184.6 | 4866.6 | 4552.6 | 4255.8 |
| 39° | 4910.3 | 4803.0 | 4882.5 | 4781.8 | 4538.0 | 4446.6 | 4300.8 | 4103.4 | 3847.7 | 3602.6 | 3321.7 |
| 40° | 3701.9 | 3564.1 | 3670.1 | 3527.0 | 3415.7 | 3266.0 | 3191.8 | 3010.3 | 2851.3 | 2704.2 | 2525.4 |
| 42.5° | 1690.6 | 1676.1 | 1652.2 | 1600.5 | 1588.6 | 1589.9 | 1498.5 | 1438.9 | 1358.1 | 1264.0 | 1207.0 |
| 45° | 739.3 | 757.9 | 773.8 | 744.6 | 743.3 | 727.4 | 722.1 | 682.4 | 666.5 | 636.0 | 598.9 |
| 47.5° | 364.4 | 371.0 | 367.0 | 375.0 | 368.3 | 357.7 | 355.1 | 349.8 | 333.9 | 332.6 | 315.3 |
| 50° | 86.1 | 84.8 | 84.8 | 86.1 | 84.8 | 84.8 | 83.5 | 80.8 | 79.5 | 80.8 | 76.8 |
| 52.5° | 27.8 | 29.1 | 27.8 | 26.5 | 27.8 | 29.1 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 |
| 55° | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 5.3 | 5.3 | 6.6 | 6.6 | 6.6 |
| 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: LDSQA3D17R159035DE010 3LSQCA30R 1MB

CANDELA DISTRIBUTION (continued):

| | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|--------|-------|-------|------|--------|------|--------|------|
| 0° | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 |
| 2.5° | 80.8 | 68.9 | 57.0 | 45.0 | 33.1 | 26.5 | 25.2 | 23.8 |
| 5° | 121.9 | 98.0 | 64.9 | 38.4 | 22.5 | 15.9 | 11.9 | 10.6 |
| 7.5° | 164.3 | 121.9 | 71.5 | 31.8 | 15.9 | 6.6 | 2.6 | 1.3 |
| 10° | 235.8 | 144.4 | 74.2 | 25.2 | 7.9 | 0.0 | 0.0 | 0.0 |
| 12.5° | 462.4 | 165.6 | 72.9 | 19.9 | 1.3 | 0.0 | 0.0 | 0.0 |
| 15° | 768.5 | 231.9 | 67.6 | 13.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17.5° | 1258.7 | 299.4 | 58.3 | 9.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 1951.7 | 332.6 | 45.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21° | 2288.2 | 335.2 | 39.7 | 2.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22° | 2579.7 | 335.2 | 34.4 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 23° | 2850.0 | 331.2 | 30.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24° | 3072.6 | 325.9 | 27.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 3239.5 | 318.0 | 25.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26° | 3316.4 | 307.4 | 21.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27° | 3354.8 | 292.8 | 18.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28° | 3328.3 | 276.9 | 15.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29° | 3262.0 | 259.7 | 11.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 3175.9 | 239.8 | 9.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31° | 3050.1 | 219.9 | 6.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32° | 2877.8 | 200.1 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33° | 2647.3 | 178.9 | 2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 34° | 2362.4 | 157.7 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 2043.1 | 139.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36° | 1768.8 | 119.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37° | 1493.2 | 95.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38° | 1250.8 | 75.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 39° | 1034.8 | 60.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 857.2 | 41.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 474.3 | 27.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 287.5 | 15.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 166.9 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 63.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 21.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 5.3 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 0.0 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 1.3 | 2.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 1.3 | 2.6 | 1.3 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 2.6 | 2.6 | 1.3 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 2.6 | 4.0 | 1.3 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 1.3 | 2.6 | 4.0 | 1.3 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 1.3 | 2.6 | 4.0 | 1.3 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 1.3 | 2.6 | 4.0 | 1.3 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 1.3 | 2.6 | 4.0 | 1.3 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 1.3 | 2.6 | 4.0 | 1.3 | 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 | 1.3 | 2.6 | 4.0 | 1.3 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 1.3 | 2.6 | 4.0 | 1.3 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 1.3 | 2.6 | 4.0 | 1.3 | 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)