

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: P1327440

Luminaire Tested: LDSQA3D13R15W2N902765DE010 3LSQCA30R 1MMS_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327440
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: LDSQA3D13R15W2N902765DE010 3LSQCA30R 1MMS_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3500K CCT AND, 90CRI ,
3LSQCA30R 1MMS TRIM
Light Source: -
Ballast/Driver: -

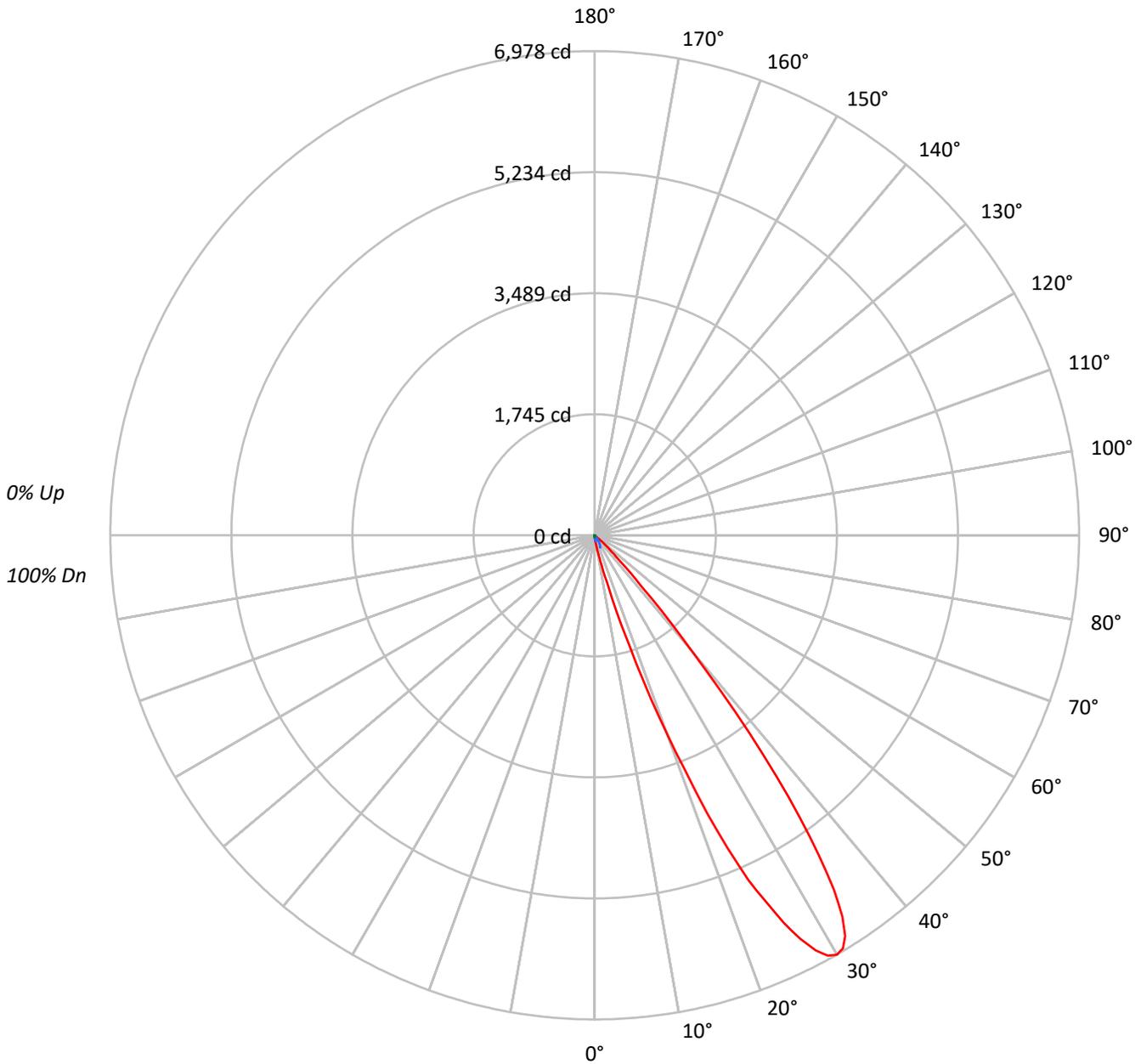
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 738.0 lumens
Efficiency: N/A
Efficacy: 60.0 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): 12.3
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: 24 FT

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Luminous Intensity Polar Plot



0% Up
100% Dn

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|---------|-------|------|------|------|
| 0° | 4547 | 4547 | 4547 | 4547 | 4547 |
| 5° | 13156 | 9923 | 3890 | 1608 | 1072 |
| 10° | 34206 | 14795 | 2571 | 0 | 0 |
| 15° | 136701 | 24213 | 1391 | 0 | 0 |
| 20° | 558532 | 35702 | 422 | 0 | 0 |
| 25° | 1104112 | 35402 | 0 | 0 | 0 |
| 30° | 1387724 | 27941 | 0 | 0 | 0 |
| 35° | 1184058 | 17135 | 0 | 0 | 0 |
| 40° | 487479 | 5418 | 0 | 0 | 0 |
| 45° | 105461 | 2265 | 0 | 0 | 0 |
| 50° | 13504 | 0 | 0 | 0 | 0 |
| 55° | 1171 | 0 | 240 | 0 | 0 |
| 60° | 0 | 0 | 551 | 0 | 0 |
| 65° | 0 | 0 | 652 | 0 | 0 |
| 70° | 0 | 403 | 1158 | 0 | 0 |
| 75° | 0 | 532 | 1530 | 0 | 0 |
| 80° | 0 | 793 | 2281 | 0 | 0 |
| 85° | 0 | 1581 | 4545 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 2°
 Vertical Angle: 45°
 Luminance: 110381 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 3.5 | 0.5 |
| 10°-20° | 51.7 | 7.0 |
| 20°-30° | 301.5 | 40.8 |
| 30°-40° | 323.2 | 43.8 |
| 40°-50° | 54.6 | 7.4 |
| 50°-60° | 1.7 | 0.2 |
| 60°-70° | 0.5 | 0.1 |
| 70°-80° | 0.7 | 0.1 |
| 80°-90° | 0.7 | 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° | 356.7 | 48.3 |
| 0°-40° | 679.9 | 92.1 |
| 0°-60° | 736.2 | 99.7 |
| 0°-90° | 738.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 738.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 26 | 26 | 26 | 26 | 26 | |
| 5° | 76 | 57 | 22 | 9 | 6 | 10 |
| 15° | 767 | 136 | 8 | 0 | 0 | 355 |
| 25° | 5810 | 186 | 0 | 0 | 0 | 2629 |
| 35° | 5632 | 82 | 0 | 0 | 0 | 3237 |
| 45° | 433 | 9 | 0 | 0 | 0 | 512 |
| 55° | 4 | 0 | 1 | 0 | 0 | 10 |
| 65° | 0 | 0 | 2 | 0 | 0 | 0 |
| 75° | 0 | 1 | 2 | 0 | 0 | 0 |
| 85° | 0 | 1 | 2 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1327440

CATALOG NUMBER: LDSQA3D13R15W2N902765DE010 3LSQCA30R 1MMS_3500K

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 |
| 2.5° | 48.1 | 48.9 | 49.7 | 49.7 | 49.7 | 49.7 | 48.9 | 48.9 | 48.9 | 48.9 | 48.1 |
| 5° | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| 7.5° | 108.6 | 107.1 | 107.9 | 105.5 | 107.1 | 106.3 | 105.5 | 107.1 | 107.1 | 103.2 | 103.2 |
| 10° | 195.6 | 194.8 | 187.0 | 188.6 | 190.1 | 189.4 | 189.4 | 184.7 | 183.9 | 180.8 | 177.7 |
| 12.5° | 377.2 | 385.7 | 391.9 | 391.9 | 377.2 | 382.6 | 372.5 | 374.8 | 376.4 | 371.7 | 355.4 |
| 15° | 766.7 | 780.7 | 766.0 | 779.9 | 774.5 | 754.3 | 731.8 | 701.5 | 713.2 | 692.2 | 685.2 |
| 17.5° | 1679.4 | 1711.2 | 1698.0 | 1633.6 | 1654.5 | 1604.9 | 1573.8 | 1562.2 | 1529.6 | 1432.6 | 1392.2 |
| 20° | 3047.5 | 3086.3 | 3049.9 | 2974.6 | 2998.6 | 2904.7 | 2880.7 | 2858.2 | 2713.8 | 2661.1 | 2491.9 |
| 21° | 3623.4 | 3655.2 | 3669.1 | 3590.8 | 3542.7 | 3468.2 | 3406.1 | 3385.9 | 3298.2 | 3196.5 | 3022.7 |
| 22° | 4318.7 | 4281.5 | 4197.6 | 4208.5 | 4137.1 | 4075.8 | 3989.7 | 3908.2 | 3810.4 | 3668.4 | 3524.8 |
| 23° | 4894.5 | 4851.1 | 4811.5 | 4763.4 | 4686.5 | 4643.1 | 4519.7 | 4430.5 | 4303.2 | 4151.1 | 4012.9 |
| 24° | 5430.8 | 5364.0 | 5339.2 | 5253.8 | 5232.1 | 5134.3 | 5034.2 | 4917.8 | 4764.2 | 4602.0 | 4449.1 |
| 25° | 5810.3 | 5820.4 | 5798.6 | 5788.5 | 5677.6 | 5577.4 | 5478.1 | 5298.8 | 5167.7 | 5024.1 | 4789.0 |
| 26° | 6216.9 | 6221.6 | 6210.7 | 6136.2 | 6036.1 | 5938.3 | 5810.3 | 5654.3 | 5464.1 | 5305.1 | 5092.4 |
| 27° | 6528.1 | 6509.5 | 6494.0 | 6405.5 | 6323.2 | 6199.8 | 6083.4 | 5898.7 | 5713.3 | 5523.9 | 5277.1 |
| 28° | 6776.4 | 6741.5 | 6722.1 | 6646.1 | 6549.8 | 6398.5 | 6255.7 | 6083.4 | 5898.0 | 5694.6 | 5427.7 |
| 29° | 6926.2 | 6889.0 | 6867.2 | 6783.4 | 6672.5 | 6539.7 | 6395.4 | 6206.0 | 6006.6 | 5780.0 | 5511.5 |
| 30° | 6978.2 | 6956.5 | 6922.3 | 6835.4 | 6720.6 | 6582.4 | 6434.2 | 6228.6 | 6019.8 | 5787.8 | 5503.7 |
| 31° | 6944.1 | 6916.1 | 6883.5 | 6789.6 | 6665.5 | 6533.5 | 6361.3 | 6145.5 | 5925.9 | 5704.7 | 5403.6 |
| 32° | 6808.3 | 6791.2 | 6751.6 | 6625.9 | 6525.0 | 6354.3 | 6184.3 | 5982.5 | 5742.7 | 5505.3 | 5232.9 |
| 33° | 6553.7 | 6525.8 | 6491.6 | 6376.8 | 6248.0 | 6084.2 | 5915.0 | 5708.6 | 5470.4 | 5219.7 | 4920.1 |
| 34° | 6165.7 | 6130.0 | 6087.3 | 6010.5 | 5846.0 | 5703.9 | 5508.4 | 5267.0 | 5069.9 | 4829.3 | 4558.5 |
| 35° | 5631.8 | 5579.8 | 5528.6 | 5470.4 | 5285.7 | 5154.5 | 5022.6 | 4812.3 | 4622.1 | 4395.5 | 4089.0 |
| 36° | 5032.7 | 5012.5 | 4970.6 | 4816.9 | 4757.2 | 4578.7 | 4472.4 | 4231.0 | 4077.4 | 3855.4 | 3602.4 |
| 37° | 4355.2 | 4236.4 | 4297.0 | 4210.8 | 4030.8 | 3974.9 | 3848.4 | 3641.2 | 3475.1 | 3240.8 | 3057.6 |
| 38° | 3628.8 | 3551.2 | 3593.9 | 3507.0 | 3413.1 | 3284.2 | 3188.0 | 3036.7 | 2850.4 | 2666.5 | 2492.7 |
| 39° | 2876.0 | 2813.2 | 2859.7 | 2800.8 | 2658.0 | 2604.4 | 2519.0 | 2403.4 | 2253.6 | 2110.1 | 1945.5 |
| 40° | 2168.3 | 2087.6 | 2149.7 | 2065.8 | 2000.6 | 1913.0 | 1869.5 | 1763.2 | 1670.1 | 1583.9 | 1479.1 |
| 42.5° | 990.2 | 981.7 | 967.7 | 937.5 | 930.5 | 931.3 | 877.7 | 842.8 | 795.4 | 740.3 | 707.0 |
| 45° | 433.0 | 443.9 | 453.2 | 436.1 | 435.4 | 426.0 | 422.9 | 399.7 | 390.4 | 372.5 | 350.8 |
| 47.5° | 213.4 | 217.3 | 215.0 | 219.6 | 215.7 | 209.5 | 208.0 | 204.9 | 195.6 | 194.8 | 184.7 |
| 50° | 50.4 | 49.7 | 49.7 | 50.4 | 49.7 | 49.7 | 48.9 | 47.3 | 46.6 | 47.3 | 45.0 |
| 52.5° | 16.3 | 17.1 | 16.3 | 15.5 | 16.3 | 17.1 | 16.3 | 16.3 | 16.3 | 16.3 | 16.3 |
| 55° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.1 | 3.1 | 3.9 | 3.9 | 3.9 |
| 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 |



TEST NUMBER: P1327440

CATALOG NUMBER: LDSQA3D13R15W2N902765DE010 3LSQCA30R 1MMS_3500K

CANDELA DISTRIBUTION (continued):

| | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|--------|-------|-------|------|--------|------|--------|------|
| 0° | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 |
| 2.5° | 47.3 | 40.4 | 33.4 | 26.4 | 19.4 | 15.5 | 14.7 | 14.0 |
| 5° | 71.4 | 57.4 | 38.0 | 22.5 | 13.2 | 9.3 | 7.0 | 6.2 |
| 7.5° | 96.2 | 71.4 | 41.9 | 18.6 | 9.3 | 3.9 | 1.6 | 0.8 |
| 10° | 138.1 | 84.6 | 43.5 | 14.7 | 4.7 | 0.0 | 0.0 | 0.0 |
| 12.5° | 270.8 | 97.0 | 42.7 | 11.6 | 0.8 | 0.0 | 0.0 | 0.0 |
| 15° | 450.1 | 135.8 | 39.6 | 7.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17.5° | 737.2 | 175.4 | 34.1 | 5.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 1143.1 | 194.8 | 26.4 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21° | 1340.2 | 196.3 | 23.3 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22° | 1511.0 | 196.3 | 20.2 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 23° | 1669.3 | 194.0 | 17.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24° | 1799.7 | 190.9 | 16.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 1897.4 | 186.3 | 14.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26° | 1942.4 | 180.0 | 12.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27° | 1965.0 | 171.5 | 10.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28° | 1949.4 | 162.2 | 9.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29° | 1910.6 | 152.1 | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 1860.2 | 140.5 | 5.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31° | 1786.5 | 128.8 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32° | 1685.6 | 117.2 | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33° | 1550.5 | 104.8 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 34° | 1383.7 | 92.3 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 1196.7 | 81.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36° | 1036.0 | 69.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37° | 874.6 | 55.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38° | 732.6 | 44.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 39° | 606.1 | 35.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 502.1 | 24.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 277.8 | 16.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 168.4 | 9.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 97.8 | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 37.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 12.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 3.1 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.8 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.8 | 1.6 | 0.8 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 1.6 | 1.6 | 0.8 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 1.6 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.8 | 1.6 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.8 | 1.6 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.8 | 1.6 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.8 | 1.6 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.8 | 1.6 | 2.3 | 0.8 | 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 | 0.8 | 1.6 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.8 | 1.6 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.8 | 1.6 | 2.3 | 0.8 | 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)