

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: P1313470

Luminaire Tested: LDSQA3D09R209727DE010 3LSQCA30R 1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313470
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R209727DE010 3LSQCA30R 1MMS
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , 3LSQCA30R 1MMS TRII
Light Source: -
Ballast/Driver: -

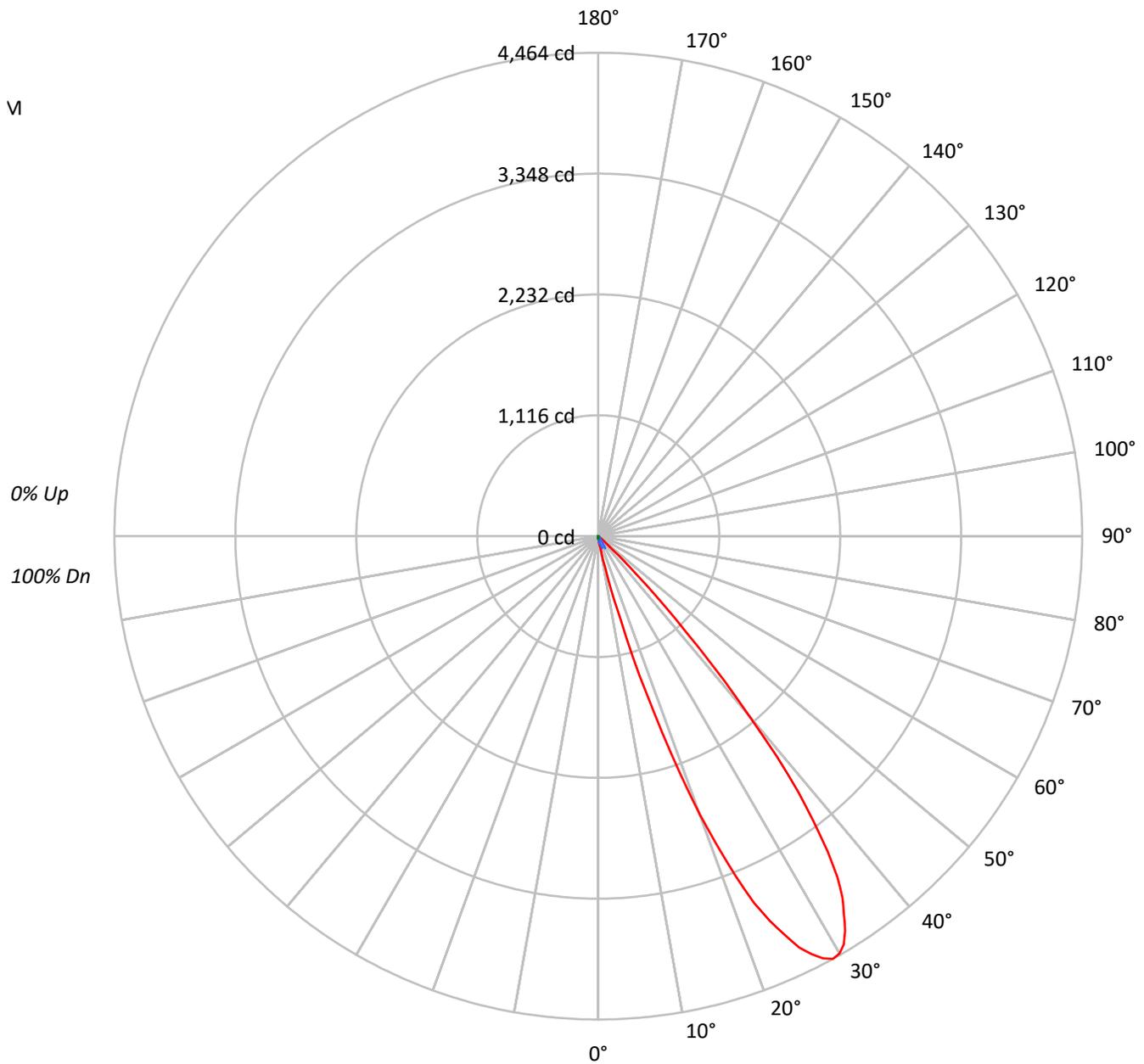
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 616.0 lumens
Efficiency: N/A
Efficacy: 55.5 lumens/watt
Spacing Criteria (0/90/45): 2.28 / 0.42 / 1.12
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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°-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 | 93 | 92 |
| 2 | 106 | 100 | 96 | 92 | 104 | 98 | 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 | 77 | 72 | 91 | 83 | 77 | 72 | 80 | 75 | 71 | 78 | 74 | 70 | 76 | 73 | 69 | 68 |
| 5 | 87 | 77 | 70 | 65 | 85 | 76 | 69 | 64 | 74 | 68 | 64 | 72 | 67 | 63 | 70 | 66 | 63 | 61 |
| 6 | 81 | 70 | 63 | 58 | 79 | 69 | 63 | 58 | 68 | 62 | 57 | 66 | 61 | 57 | 65 | 60 | 57 | 55 |
| 7 | 76 | 64 | 57 | 52 | 74 | 64 | 57 | 52 | 62 | 56 | 52 | 61 | 56 | 51 | 60 | 55 | 51 | 50 |
| 8 | 71 | 59 | 52 | 47 | 69 | 59 | 52 | 47 | 57 | 51 | 47 | 56 | 51 | 46 | 55 | 50 | 46 | 45 |
| 9 | 66 | 54 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 40 |
| 10 | 62 | 50 | 43 | 38 | 60 | 50 | 43 | 38 | 49 | 42 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 36 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|--------|-------|------|------|------|
| 0° | 3806 | 3806 | 3806 | 3806 | 3806 |
| 5° | 8264 | 5826 | 3492 | 1591 | 1158 |
| 10° | 20566 | 10283 | 2466 | 315 | 0 |
| 15° | 144724 | 14086 | 1426 | 0 | 0 |
| 20° | 500214 | 23698 | 568 | 0 | 0 |
| 25° | 771033 | 30271 | 228 | 0 | 0 |
| 30° | 884992 | 23387 | 0 | 0 | 0 |
| 35° | 808245 | 8893 | 0 | 0 | 0 |
| 40° | 484534 | 4137 | 0 | 0 | 0 |
| 45° | 119076 | 1948 | 0 | 0 | 0 |
| 50° | 13129 | 482 | 0 | 0 | 0 |
| 55° | 1832 | 0 | 180 | 0 | 0 |
| 60° | 0 | 0 | 413 | 0 | 0 |
| 65° | 0 | 0 | 489 | 0 | 0 |
| 70° | 0 | 302 | 906 | 0 | 0 |
| 75° | 0 | 399 | 1198 | 0 | 0 |
| 80° | 0 | 595 | 1785 | 0 | 0 |
| 85° | 0 | 1186 | 3557 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 1°
 Vertical Angle: 45°
 Luminance: 126992 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 2.5 | 0.4 |
| 10°-20° | 48.1 | 7.8 |
| 20°-30° | 243.3 | 39.5 |
| 30°-40° | 263.3 | 42.7 |
| 40°-50° | 55.6 | 9.0 |
| 50°-60° | 1.7 | 0.3 |
| 60°-70° | 0.4 | 0.1 |
| 70°-80° | 0.6 | 0.1 |
| 80°-90° | 0.5 | 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° | 294.0 | 47.7 |
| 0°-40° | 557.2 | 90.5 |
| 0°-60° | 614.5 | 99.8 |
| 0°-90° | 616.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 616.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 22 | 22 | 22 | 22 | 22 | |
| 5° | 48 | 34 | 20 | 9 | 7 | 7 |
| 15° | 812 | 79 | 8 | 0 | 0 | 338 |
| 25° | 4058 | 159 | 1 | 0 | 0 | 1834 |
| 35° | 3844 | 42 | 0 | 0 | 0 | 2267 |
| 45° | 489 | 8 | 0 | 0 | 0 | 538 |
| 55° | 6 | 0 | 1 | 0 | 0 | 11 |
| 65° | 0 | 0 | 1 | 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: P1313470

CATALOG NUMBER: LDSQA3D09R209727DE010 3LSQCA30R 1MMS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 |
| 2.5° | 30.0 | 29.4 | 30.0 | 29.4 | 30.0 | 30.0 | 30.0 | 29.4 | 29.4 | 29.4 | 29.4 |
| 5° | 47.8 | 47.8 | 47.2 | 47.8 | 47.8 | 47.8 | 47.8 | 47.2 | 47.2 | 46.6 | 46.6 |
| 7.5° | 75.4 | 75.4 | 74.7 | 74.7 | 75.4 | 76.0 | 73.5 | 74.7 | 74.7 | 74.7 | 74.1 |
| 10° | 117.6 | 120.1 | 117.6 | 120.7 | 118.2 | 116.4 | 119.5 | 116.4 | 116.4 | 115.8 | 113.9 |
| 12.5° | 296.5 | 289.8 | 285.5 | 275.1 | 285.5 | 277.5 | 279.4 | 277.5 | 271.4 | 263.4 | 258.5 |
| 15° | 811.7 | 811.7 | 787.8 | 819.7 | 796.4 | 805.0 | 760.9 | 761.5 | 738.8 | 714.3 | 700.9 |
| 17.5° | 1697.0 | 1712.3 | 1696.4 | 1686.6 | 1665.8 | 1635.7 | 1623.5 | 1592.2 | 1551.2 | 1503.4 | 1497.9 |
| 20° | 2729.3 | 2665.0 | 2695.0 | 2667.4 | 2650.3 | 2613.5 | 2572.4 | 2546.7 | 2510.6 | 2449.9 | 2360.5 |
| 21° | 3054.0 | 3051.5 | 3050.9 | 3050.3 | 3025.2 | 2965.1 | 2927.8 | 2876.3 | 2825.5 | 2763.0 | 2688.2 |
| 22° | 3381.1 | 3392.8 | 3397.7 | 3362.1 | 3310.7 | 3283.7 | 3258.0 | 3187.5 | 3107.3 | 3074.8 | 2986.0 |
| 23° | 3681.3 | 3670.3 | 3638.4 | 3621.9 | 3582.1 | 3574.1 | 3497.5 | 3452.8 | 3374.4 | 3338.9 | 3233.5 |
| 24° | 3885.9 | 3880.4 | 3865.7 | 3841.2 | 3809.4 | 3760.3 | 3714.4 | 3643.9 | 3579.6 | 3521.4 | 3423.4 |
| 25° | 4057.5 | 4062.4 | 4035.4 | 4018.9 | 3984.6 | 3929.4 | 3873.1 | 3795.9 | 3735.8 | 3667.8 | 3554.5 |
| 26° | 4227.2 | 4192.9 | 4171.4 | 4146.9 | 4109.5 | 4046.4 | 3991.9 | 3922.7 | 3849.8 | 3773.8 | 3662.9 |
| 27° | 4331.9 | 4301.3 | 4268.8 | 4244.9 | 4202.1 | 4142.0 | 4083.8 | 4007.2 | 3925.8 | 3849.2 | 3735.2 |
| 28° | 4414.6 | 4380.9 | 4349.1 | 4320.3 | 4271.3 | 4207.0 | 4137.1 | 4059.3 | 3974.8 | 3895.7 | 3779.3 |
| 29° | 4463.6 | 4423.8 | 4389.5 | 4357.1 | 4312.3 | 4242.5 | 4172.0 | 4088.7 | 4007.2 | 3924.5 | 3805.7 |
| 30° | 4450.2 | 4415.9 | 4382.8 | 4349.7 | 4304.4 | 4238.8 | 4169.0 | 4089.3 | 4007.2 | 3925.8 | 3805.1 |
| 31° | 4397.5 | 4355.2 | 4331.3 | 4298.2 | 4259.0 | 4192.3 | 4132.2 | 4045.2 | 3971.1 | 3882.9 | 3762.2 |
| 32° | 4296.4 | 4269.4 | 4237.6 | 4211.9 | 4173.9 | 4102.8 | 4044.0 | 3972.9 | 3885.3 | 3813.0 | 3686.2 |
| 33° | 4159.2 | 4134.1 | 4118.1 | 4088.1 | 4051.3 | 4002.3 | 3931.9 | 3866.9 | 3768.3 | 3694.2 | 3567.4 |
| 34° | 4028.1 | 3996.2 | 3956.4 | 3947.8 | 3916.0 | 3852.9 | 3789.1 | 3723.0 | 3634.8 | 3540.4 | 3412.4 |
| 35° | 3844.3 | 3811.2 | 3774.4 | 3777.5 | 3739.5 | 3666.0 | 3601.1 | 3526.9 | 3443.0 | 3332.1 | 3210.8 |
| 36° | 3598.6 | 3576.6 | 3571.0 | 3556.3 | 3512.8 | 3425.2 | 3363.4 | 3270.2 | 3199.8 | 3064.4 | 2960.2 |
| 37° | 3299.0 | 3307.0 | 3267.2 | 3248.2 | 3197.3 | 3136.1 | 3101.2 | 2981.7 | 2899.6 | 2797.9 | 2657.0 |
| 38° | 2996.4 | 2984.8 | 2937.6 | 2949.2 | 2879.4 | 2815.7 | 2717.0 | 2646.0 | 2554.1 | 2459.7 | 2347.0 |
| 39° | 2618.4 | 2589.6 | 2533.2 | 2535.7 | 2483.0 | 2411.3 | 2315.8 | 2231.8 | 2176.7 | 2086.0 | 1978.2 |
| 40° | 2155.2 | 2143.0 | 2123.4 | 2090.9 | 2021.7 | 1990.4 | 1905.3 | 1814.6 | 1768.1 | 1642.5 | 1589.8 |
| 42.5° | 1195.9 | 1179.3 | 1146.2 | 1134.6 | 1097.8 | 1061.1 | 1011.5 | 950.8 | 921.4 | 884.0 | 800.7 |
| 45° | 488.9 | 521.4 | 513.4 | 504.2 | 476.0 | 477.9 | 442.3 | 446.6 | 414.1 | 392.1 | 376.8 |
| 47.5° | 107.8 | 117.0 | 117.6 | 113.3 | 117.6 | 113.9 | 112.1 | 109.0 | 109.7 | 111.5 | 107.2 |
| 50° | 49.0 | 48.4 | 49.6 | 49.0 | 48.4 | 47.8 | 47.2 | 45.3 | 46.6 | 45.3 | 44.1 |
| 52.5° | 19.0 | 19.6 | 19.6 | 18.4 | 19.0 | 19.0 | 19.0 | 18.4 | 18.4 | 18.4 | 18.4 |
| 55° | 6.1 | 6.1 | 6.1 | 5.5 | 5.5 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 5.5 |
| 57.5° | 0.6 | 1.2 | 0.6 | 1.2 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 1.2 | 1.2 |
| 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: LDSQA3D09R209727DE010 3LSQCA30R 1MMS

CANDELA DISTRIBUTION (continued):

| | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|--------|-------|-------|------|--------|------|--------|------|
| 0° | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 |
| 2.5° | 28.2 | 25.7 | 23.9 | 22.1 | 18.4 | 15.3 | 14.1 | 14.1 |
| 5° | 43.5 | 33.7 | 25.1 | 20.2 | 14.1 | 9.2 | 7.4 | 6.7 |
| 7.5° | 65.6 | 45.3 | 26.3 | 17.2 | 9.2 | 4.9 | 3.1 | 2.5 |
| 10° | 95.0 | 58.8 | 27.6 | 14.1 | 5.5 | 1.8 | 0.0 | 0.0 |
| 12.5° | 166.0 | 70.5 | 27.6 | 11.0 | 2.5 | 0.0 | 0.0 | 0.0 |
| 15° | 380.4 | 79.0 | 26.3 | 8.0 | 0.6 | 0.0 | 0.0 | 0.0 |
| 17.5° | 790.3 | 99.2 | 23.3 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 1262.0 | 129.3 | 18.4 | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21° | 1456.2 | 139.7 | 16.5 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22° | 1595.9 | 149.5 | 14.7 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 23° | 1749.7 | 155.6 | 12.9 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24° | 1863.0 | 159.3 | 11.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 1933.5 | 159.3 | 9.8 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26° | 1975.1 | 155.6 | 8.6 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27° | 1984.9 | 149.5 | 7.4 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28° | 1972.7 | 141.5 | 6.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29° | 1934.1 | 129.9 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 1892.4 | 117.6 | 4.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31° | 1821.4 | 101.1 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32° | 1739.3 | 83.9 | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33° | 1629.6 | 66.2 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 34° | 1467.9 | 52.1 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 1322.7 | 42.3 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36° | 1132.8 | 33.7 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37° | 970.4 | 28.2 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38° | 812.4 | 23.9 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 39° | 659.2 | 20.8 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 525.6 | 18.4 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 283.6 | 12.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 156.8 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 69.2 | 4.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 23.3 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 11.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 5.5 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 1.2 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.6 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.6 | 1.2 | 0.6 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 1.2 | 1.2 | 0.6 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 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 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 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)