

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: P1317309

Luminaire Tested: LDSQA3D09R259827DE010 3LSQCA30R 1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317309
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-49)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R259827DE010 3LSQCA30R 1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , 3LSQCA30R 1MB TRIM
Light Source: -
Ballast/Driver: -

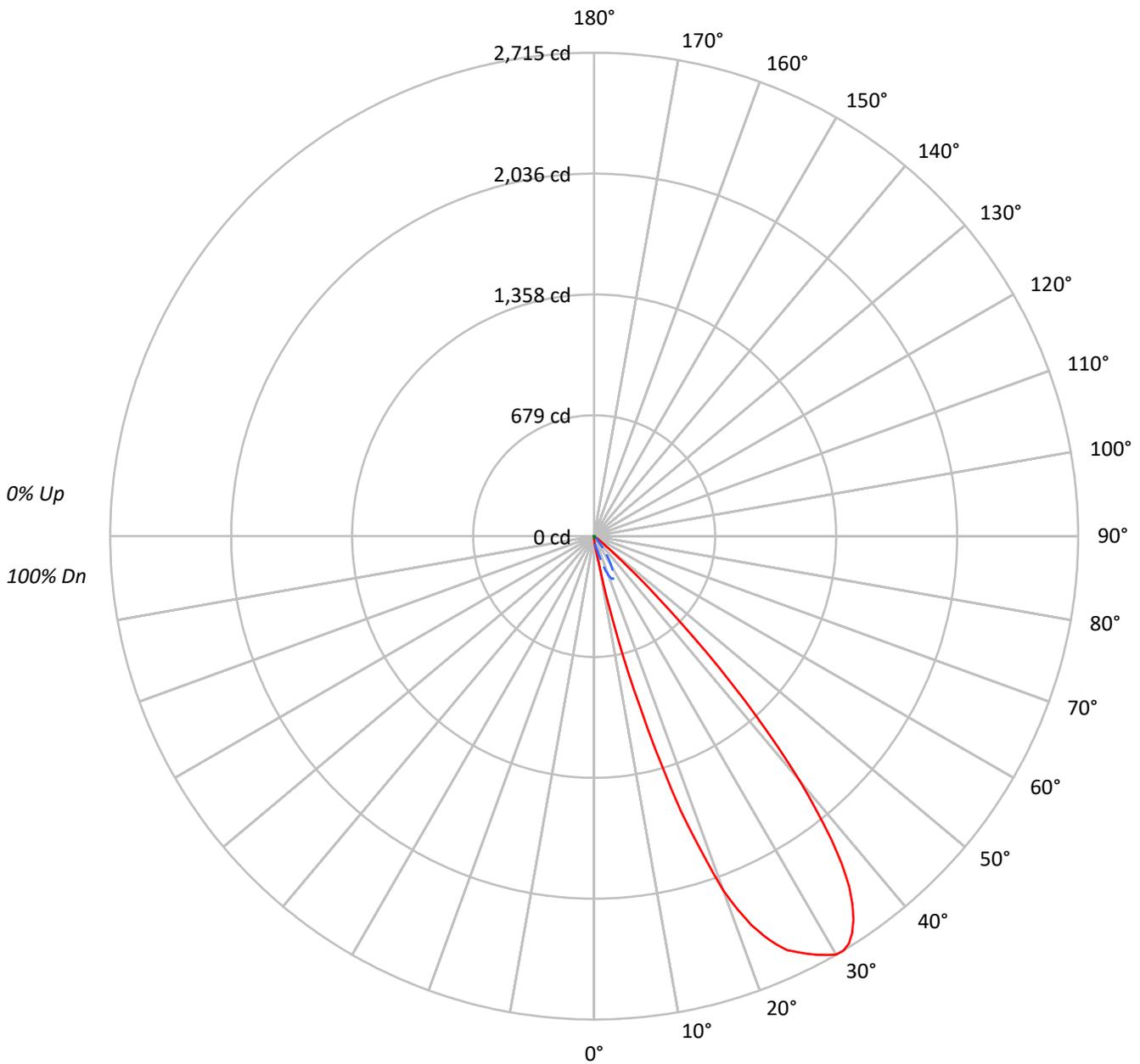
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 532.0 lumens
Efficiency: N/A
Efficacy: 48.4 lumens/watt
Spacing Criteria (0/90/45): 2.4 / 0.45 / 1.25
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1317309
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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 | 102 | 102 | 102 | 100 |
| 1 | 113 | 109 | 107 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 95 | 93 | 96 | 95 | 93 | 92 |
| 2 | 106 | 100 | 95 | 92 | 103 | 98 | 94 | 90 | 95 | 92 | 88 | 92 | 89 | 87 | 89 | 87 | 85 | 89 | 87 | 85 | 83 |
| 3 | 99 | 92 | 86 | 81 | 97 | 90 | 85 | 80 | 87 | 83 | 79 | 85 | 81 | 78 | 83 | 79 | 77 | 83 | 79 | 77 | 75 |
| 4 | 93 | 84 | 77 | 72 | 91 | 83 | 76 | 72 | 80 | 75 | 71 | 78 | 74 | 70 | 76 | 72 | 69 | 76 | 72 | 69 | 67 |
| 5 | 87 | 77 | 70 | 65 | 85 | 76 | 69 | 64 | 74 | 68 | 64 | 72 | 67 | 63 | 70 | 66 | 62 | 70 | 66 | 62 | 61 |
| 6 | 81 | 70 | 63 | 58 | 79 | 69 | 63 | 58 | 68 | 62 | 57 | 66 | 61 | 57 | 65 | 60 | 56 | 65 | 60 | 56 | 55 |
| 7 | 75 | 64 | 57 | 52 | 74 | 64 | 57 | 52 | 62 | 56 | 52 | 61 | 55 | 51 | 60 | 55 | 51 | 60 | 55 | 51 | 49 |
| 8 | 70 | 59 | 52 | 47 | 69 | 58 | 52 | 47 | 57 | 51 | 47 | 56 | 51 | 46 | 55 | 50 | 46 | 55 | 50 | 46 | 45 |
| 9 | 66 | 54 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 51 | 46 | 42 | 40 |
| 10 | 62 | 50 | 43 | 38 | 60 | 50 | 43 | 38 | 49 | 42 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 47 | 42 | 38 | 36 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|--------|-------|------|------|------|
| 0° | 2893 | 2893 | 2893 | 2893 | 2893 |
| 5° | 9076 | 6345 | 2645 | 1418 | 1055 |
| 10° | 28610 | 11490 | 1959 | 175 | 0 |
| 15° | 176889 | 21895 | 1177 | 0 | 0 |
| 20° | 387848 | 42685 | 367 | 0 | 0 |
| 25° | 487532 | 49084 | 0 | 0 | 0 |
| 30° | 539701 | 38003 | 0 | 0 | 0 |
| 35° | 531268 | 21529 | 0 | 0 | 0 |
| 40° | 403823 | 5621 | 0 | 0 | 0 |
| 45° | 163575 | 2484 | 0 | 0 | 0 |
| 50° | 18166 | 268 | 0 | 0 | 0 |
| 55° | 1381 | 0 | 150 | 0 | 0 |
| 60° | 0 | 0 | 172 | 0 | 0 |
| 65° | 0 | 0 | 408 | 0 | 0 |
| 70° | 0 | 252 | 504 | 0 | 0 |
| 75° | 0 | 333 | 998 | 0 | 0 |
| 80° | 0 | 496 | 1488 | 0 | 0 |
| 85° | 0 | 988 | 2964 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 163575 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 2.6 | 0.5 |
| 10°-20° | 54.9 | 10.3 |
| 20°-30° | 192.1 | 36.1 |
| 30°-40° | 214.3 | 40.3 |
| 40°-50° | 64.7 | 12.2 |
| 50°-60° | 2.2 | 0.4 |
| 60°-70° | 0.3 | 0.1 |
| 70°-80° | 0.5 | 0.1 |
| 80°-90° | 0.4 | 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° | 249.7 | 46.9 |
| 0°-40° | 463.9 | 87.2 |
| 0°-60° | 530.8 | 99.8 |
| 0°-90° | 532.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 532.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 17 | 17 | 17 | 17 | 17 | |
| 5° | 52 | 37 | 15 | 8 | 6 | 8 |
| 15° | 992 | 123 | 7 | 0 | 0 | 330 |
| 25° | 2566 | 258 | 0 | 0 | 0 | 1170 |
| 35° | 2527 | 102 | 0 | 0 | 0 | 1517 |
| 45° | 672 | 10 | 0 | 0 | 0 | 580 |
| 55° | 5 | 0 | 0 | 0 | 0 | 14 |
| 65° | 0 | 0 | 1 | 0 | 0 | 0 |
| 75° | 0 | 0 | 2 | 0 | 0 | 0 |
| 85° | 0 | 0 | 2 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1317309

CATALOG NUMBER: LDSQA3D09R259827DE010 3LSQCA30R 1MB

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 |
| 2.5° | 29.0 | 30.1 | 29.6 | 30.1 | 29.6 | 29.6 | 29.6 | 30.1 | 29.6 | 29.6 | 29.6 |
| 5° | 52.5 | 53.0 | 53.0 | 52.5 | 52.5 | 53.5 | 52.5 | 53.0 | 51.5 | 52.5 | 52.0 |
| 7.5° | 86.1 | 85.1 | 85.1 | 85.6 | 85.6 | 84.6 | 84.1 | 83.1 | 84.1 | 84.1 | 82.5 |
| 10° | 163.6 | 162.5 | 160.0 | 159.0 | 160.0 | 160.0 | 154.9 | 155.9 | 156.4 | 151.8 | 150.3 |
| 12.5° | 480.5 | 476.9 | 484.1 | 472.9 | 466.2 | 455.5 | 461.7 | 440.8 | 436.2 | 433.1 | 426.0 |
| 15° | 992.1 | 1019.1 | 1007.4 | 1008.4 | 1010.4 | 985.0 | 993.6 | 962.0 | 935.5 | 927.4 | 921.8 |
| 17.5° | 1617.8 | 1626.0 | 1615.3 | 1610.2 | 1608.1 | 1595.9 | 1581.1 | 1565.3 | 1545.0 | 1527.1 | 1512.3 |
| 20° | 2116.2 | 2110.0 | 2091.7 | 2093.7 | 2071.8 | 2060.6 | 2047.9 | 2032.1 | 2016.3 | 1990.3 | 1965.3 |
| 21° | 2247.6 | 2229.8 | 2230.3 | 2218.1 | 2217.6 | 2203.3 | 2180.9 | 2164.6 | 2150.3 | 2120.7 | 2105.0 |
| 22° | 2355.7 | 2351.6 | 2342.4 | 2333.2 | 2323.6 | 2316.4 | 2291.4 | 2283.3 | 2254.3 | 2229.8 | 2207.4 |
| 23° | 2439.7 | 2441.3 | 2433.1 | 2427.0 | 2413.7 | 2410.7 | 2378.6 | 2367.4 | 2347.5 | 2310.3 | 2287.4 |
| 24° | 2509.5 | 2507.0 | 2497.8 | 2487.1 | 2479.5 | 2472.3 | 2447.9 | 2429.5 | 2407.6 | 2377.1 | 2354.6 |
| 25° | 2565.6 | 2559.5 | 2553.4 | 2545.2 | 2533.0 | 2524.8 | 2499.9 | 2479.5 | 2460.6 | 2426.5 | 2395.9 |
| 26° | 2598.7 | 2600.2 | 2590.6 | 2584.4 | 2573.7 | 2565.6 | 2539.6 | 2515.7 | 2492.2 | 2455.5 | 2428.0 |
| 27° | 2632.3 | 2630.8 | 2622.1 | 2613.0 | 2601.8 | 2598.7 | 2568.6 | 2543.7 | 2519.7 | 2481.0 | 2448.4 |
| 28° | 2663.4 | 2659.3 | 2652.2 | 2641.5 | 2629.3 | 2620.1 | 2591.1 | 2565.1 | 2539.1 | 2497.8 | 2462.1 |
| 29° | 2689.4 | 2685.3 | 2680.7 | 2667.0 | 2651.2 | 2645.1 | 2614.0 | 2582.4 | 2556.4 | 2514.1 | 2476.4 |
| 30° | 2713.9 | 2706.2 | 2695.5 | 2683.8 | 2668.5 | 2656.8 | 2624.2 | 2596.7 | 2566.1 | 2519.2 | 2483.0 |
| 31° | 2714.9 | 2704.7 | 2697.1 | 2684.8 | 2667.5 | 2653.2 | 2619.1 | 2591.1 | 2555.4 | 2511.6 | 2472.3 |
| 32° | 2697.1 | 2692.0 | 2679.7 | 2666.5 | 2649.7 | 2635.4 | 2597.7 | 2568.1 | 2534.5 | 2487.6 | 2448.4 |
| 33° | 2656.8 | 2651.7 | 2644.6 | 2630.8 | 2608.9 | 2595.7 | 2562.0 | 2529.4 | 2496.3 | 2454.0 | 2409.2 |
| 34° | 2601.3 | 2595.1 | 2586.0 | 2572.2 | 2549.8 | 2536.0 | 2509.0 | 2475.4 | 2440.2 | 2396.4 | 2354.6 |
| 35° | 2526.9 | 2515.1 | 2512.6 | 2492.2 | 2471.3 | 2467.8 | 2435.7 | 2400.5 | 2364.8 | 2316.4 | 2280.2 |
| 36° | 2434.6 | 2420.9 | 2411.7 | 2404.6 | 2390.8 | 2374.0 | 2342.4 | 2314.4 | 2268.5 | 2237.4 | 2186.5 |
| 37° | 2308.8 | 2292.0 | 2300.6 | 2281.3 | 2259.9 | 2252.7 | 2212.5 | 2187.0 | 2148.3 | 2106.0 | 2062.7 |
| 38° | 2162.0 | 2160.5 | 2158.5 | 2149.8 | 2113.1 | 2094.3 | 2077.4 | 2050.4 | 2016.8 | 1965.8 | 1907.2 |
| 39° | 1976.5 | 1979.6 | 1968.9 | 1969.9 | 1951.6 | 1932.7 | 1909.3 | 1878.7 | 1837.9 | 1791.6 | 1744.2 |
| 40° | 1796.2 | 1752.9 | 1760.5 | 1734.5 | 1736.0 | 1708.0 | 1677.4 | 1650.4 | 1624.4 | 1583.7 | 1519.0 |
| 42.5° | 1242.8 | 1236.2 | 1213.2 | 1196.9 | 1204.1 | 1167.9 | 1127.6 | 1089.9 | 1053.8 | 1007.9 | 951.3 |
| 45° | 671.6 | 656.3 | 660.9 | 634.4 | 634.4 | 618.1 | 606.9 | 575.3 | 541.7 | 520.8 | 488.1 |
| 47.5° | 249.7 | 252.7 | 258.3 | 247.6 | 235.4 | 242.5 | 231.8 | 231.8 | 226.2 | 219.6 | 210.4 |
| 50° | 67.8 | 68.8 | 67.8 | 67.8 | 66.2 | 65.2 | 63.2 | 62.7 | 62.2 | 60.6 | 58.1 |
| 52.5° | 27.5 | 26.0 | 26.0 | 26.5 | 26.5 | 25.5 | 26.0 | 26.0 | 25.5 | 25.0 | 25.0 |
| 55° | 4.6 | 5.1 | 5.1 | 5.1 | 5.1 | 4.6 | 4.6 | 5.1 | 5.6 | 5.1 | 5.1 |
| 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: LDSQA3D09R259827DE010 3LSQCA30R 1MB

CANDELA DISTRIBUTION (continued):

| | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|--------|-------|-------|------|--------|------|--------|------|
| 0° | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 |
| 2.5° | 28.5 | 25.0 | 20.9 | 17.3 | 13.8 | 11.7 | 10.7 | 11.2 |
| 5° | 48.4 | 36.7 | 23.9 | 15.3 | 10.7 | 8.2 | 6.6 | 6.1 |
| 7.5° | 74.4 | 50.4 | 27.0 | 13.2 | 8.2 | 4.1 | 2.5 | 2.0 |
| 10° | 114.1 | 65.7 | 29.0 | 11.2 | 5.1 | 1.0 | 0.0 | 0.0 |
| 12.5° | 293.0 | 80.5 | 29.6 | 9.2 | 2.0 | 0.0 | 0.0 | 0.0 |
| 15° | 602.3 | 122.8 | 28.5 | 6.6 | 0.5 | 0.0 | 0.0 | 0.0 |
| 17.5° | 1001.3 | 188.0 | 25.0 | 4.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 1389.0 | 232.9 | 19.9 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21° | 1505.7 | 246.1 | 17.8 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22° | 1601.0 | 255.8 | 15.8 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 23° | 1680.5 | 260.9 | 13.8 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24° | 1736.0 | 261.9 | 12.7 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 1762.5 | 258.3 | 11.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26° | 1772.7 | 251.2 | 10.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27° | 1765.1 | 242.0 | 9.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28° | 1751.3 | 228.3 | 7.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29° | 1724.3 | 209.9 | 6.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 1698.3 | 191.1 | 5.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31° | 1668.8 | 174.3 | 4.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32° | 1632.6 | 154.9 | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33° | 1572.5 | 137.1 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 34° | 1488.4 | 120.3 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 1375.8 | 102.4 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36° | 1252.5 | 83.6 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37° | 1101.6 | 60.6 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38° | 944.2 | 38.2 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 39° | 783.2 | 29.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 635.9 | 25.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 340.4 | 16.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 200.8 | 10.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 112.1 | 4.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 40.3 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 15.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 5.6 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 0.5 | 0.0 | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 1.0 | 1.0 | 0.5 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.5 | 1.0 | 1.0 | 0.5 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.5 | 1.0 | 1.0 | 0.5 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.5 | 1.0 | 1.5 | 0.5 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.5 | 1.0 | 1.5 | 0.5 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.5 | 1.0 | 1.5 | 0.5 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.5 | 1.0 | 1.5 | 0.5 | 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 | 0.5 | 1.0 | 1.5 | 0.5 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.5 | 1.0 | 1.5 | 0.5 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.5 | 1.0 | 1.5 | 0.5 | 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)