

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: P1327701

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQCA30R 1MMS_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327701
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: LDSQA3D13R25W2N902750DE010 3LSQCA30R 1MMS_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 90CRI ,
3LSQCA30R 1MMS TRIM
Light Source: -
Ballast/Driver: -

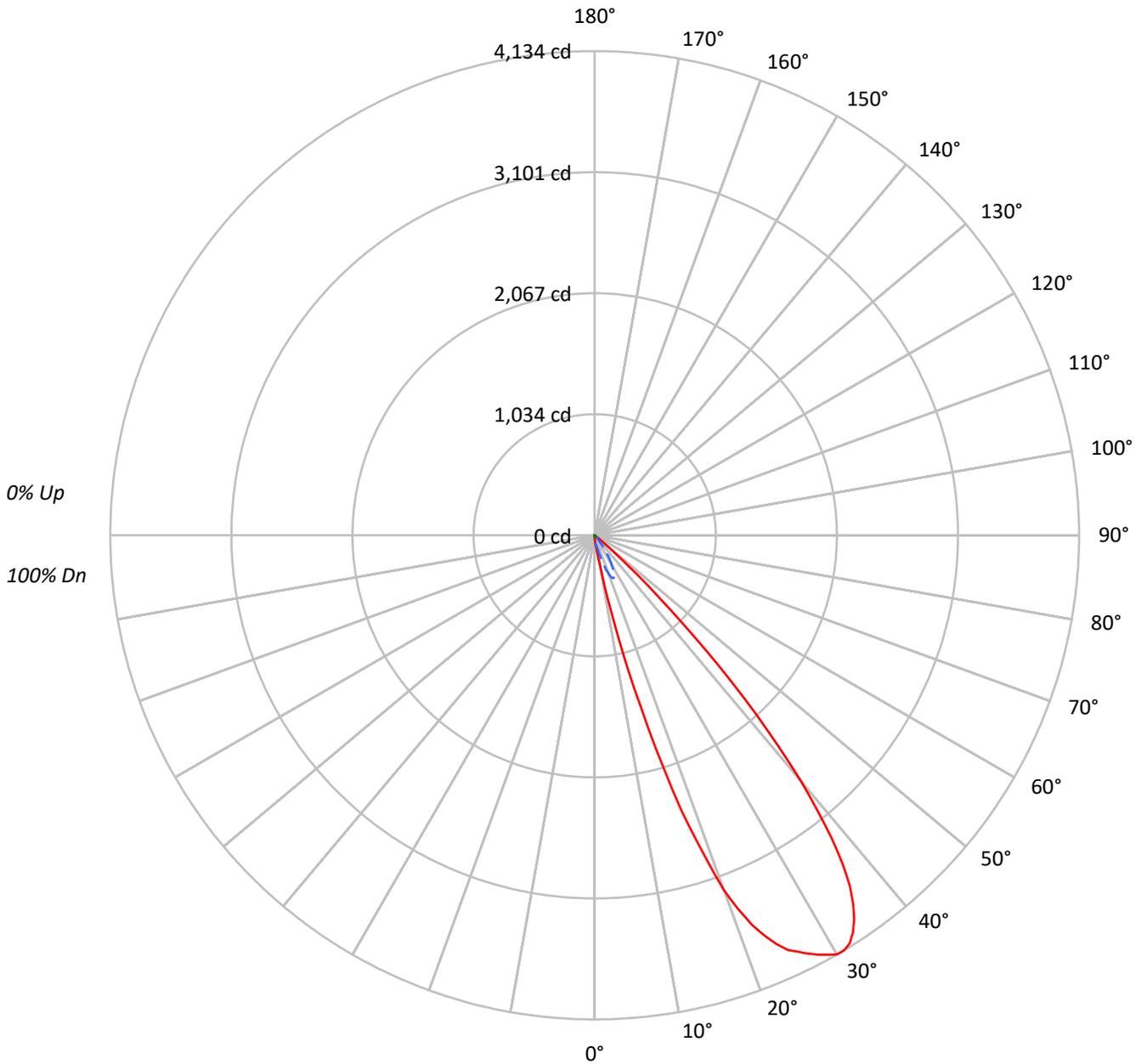
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 810.0 lumens
Efficiency: N/A
Efficacy: 65.9 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): 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

TEST NUMBER: P1327701
CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCA30R 1MMS_4000K

Luminous Intensity Polar Plot



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



TEST NUMBER: P1327701

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCA30R 1MMS_4000K

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 | 100 | | | | |
| 1 | 113 | 109 | 107 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 95 | 93 | 92 | | | | |
| 2 | 106 | 100 | 95 | 92 | 103 | 98 | 94 | 90 | 95 | 92 | 88 | 92 | 89 | 87 | 89 | 87 | 85 | 83 | | | | |
| 3 | 99 | 92 | 86 | 81 | 97 | 90 | 85 | 80 | 87 | 83 | 79 | 85 | 81 | 78 | 83 | 79 | 77 | 75 | | | | |
| 4 | 93 | 84 | 77 | 72 | 91 | 83 | 76 | 72 | 80 | 75 | 71 | 78 | 74 | 70 | 76 | 72 | 69 | 67 | | | | |
| 5 | 87 | 77 | 70 | 65 | 85 | 76 | 69 | 64 | 74 | 68 | 64 | 72 | 67 | 63 | 70 | 66 | 62 | 61 | | | | |
| 6 | 81 | 70 | 63 | 58 | 79 | 69 | 63 | 58 | 68 | 62 | 57 | 66 | 61 | 57 | 65 | 60 | 56 | 55 | | | | |
| 7 | 75 | 64 | 57 | 52 | 74 | 64 | 57 | 52 | 62 | 56 | 52 | 61 | 55 | 51 | 60 | 55 | 51 | 49 | | | | |
| 8 | 70 | 59 | 52 | 47 | 69 | 58 | 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° | 4409 | 4409 | 4409 | 4409 | 4409 |
| 5° | 13813 | 9664 | 4028 | 2144 | 1608 |
| 10° | 43545 | 17505 | 2990 | 280 | 0 |
| 15° | 269319 | 33342 | 1801 | 0 | 0 |
| 20° | 590514 | 64971 | 568 | 0 | 0 |
| 25° | 742301 | 74737 | 0 | 0 | 0 |
| 30° | 821713 | 57850 | 0 | 0 | 0 |
| 35° | 808876 | 32777 | 0 | 0 | 0 |
| 40° | 614840 | 8543 | 0 | 0 | 0 |
| 45° | 249040 | 3775 | 0 | 0 | 0 |
| 50° | 27650 | 429 | 0 | 0 | 0 |
| 55° | 2102 | 0 | 240 | 0 | 0 |
| 60° | 0 | 0 | 276 | 0 | 0 |
| 65° | 0 | 0 | 652 | 0 | 0 |
| 70° | 0 | 403 | 806 | 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: 0°
 Vertical Angle: 45°
 Luminance: 249040 cd/sqm



TEST NUMBER: P1327701

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCA30R 1MMS_4000K

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 4.0 | 0.5 |
| 10°-20° | 83.7 | 10.3 |
| 20°-30° | 292.5 | 36.1 |
| 30°-40° | 326.3 | 40.3 |
| 40°-50° | 98.5 | 12.2 |
| 50°-60° | 3.3 | 0.4 |
| 60°-70° | 0.4 | 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° | 380.1 | 46.9 |
| 0°-40° | 706.4 | 87.2 |
| 0°-60° | 808.2 | 99.8 |
| 0°-90° | 810.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 810.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 26 | 26 | 26 | 26 | 26 | |
| 5° | 80 | 56 | 23 | 12 | 9 | 12 |
| 15° | 1510 | 187 | 10 | 0 | 0 | 502 |
| 25° | 3906 | 393 | 0 | 0 | 0 | 1782 |
| 35° | 3847 | 156 | 0 | 0 | 0 | 2310 |
| 45° | 1022 | 16 | 0 | 0 | 0 | 883 |
| 55° | 7 | 0 | 1 | 0 | 0 | 22 |
| 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: P1327701

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCA30R 1MMS_4000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 |
| 2.5° | 44.2 | 45.8 | 45.0 | 45.8 | 45.0 | 45.0 | 45.0 | 45.8 | 45.0 | 45.0 | 45.0 |
| 5° | 79.9 | 80.7 | 80.7 | 79.9 | 79.9 | 81.5 | 79.9 | 80.7 | 78.4 | 79.9 | 79.1 |
| 7.5° | 131.1 | 129.6 | 129.6 | 130.3 | 130.3 | 128.8 | 128.0 | 126.5 | 128.0 | 128.0 | 125.7 |
| 10° | 249.0 | 247.5 | 243.6 | 242.1 | 243.6 | 243.6 | 235.8 | 237.4 | 238.2 | 231.2 | 228.9 |
| 12.5° | 731.6 | 726.2 | 737.0 | 720.0 | 709.9 | 693.6 | 702.9 | 671.1 | 664.1 | 659.4 | 648.6 |
| 15° | 1510.5 | 1551.6 | 1533.8 | 1535.3 | 1538.4 | 1499.7 | 1512.8 | 1464.7 | 1424.4 | 1412.0 | 1403.5 |
| 17.5° | 2463.2 | 2475.6 | 2459.3 | 2451.6 | 2448.5 | 2429.9 | 2407.4 | 2383.3 | 2352.3 | 2325.1 | 2302.6 |
| 20° | 3222.0 | 3212.7 | 3184.7 | 3187.8 | 3154.5 | 3137.4 | 3118.0 | 3094.0 | 3069.9 | 3030.4 | 2992.3 |
| 21° | 3422.1 | 3395.0 | 3395.8 | 3377.1 | 3376.4 | 3354.6 | 3320.5 | 3295.7 | 3274.0 | 3229.0 | 3204.9 |
| 22° | 3586.6 | 3580.4 | 3566.4 | 3552.5 | 3537.7 | 3526.9 | 3488.9 | 3476.4 | 3432.2 | 3395.0 | 3360.8 |
| 23° | 3714.6 | 3717.0 | 3704.5 | 3695.2 | 3675.1 | 3670.4 | 3621.5 | 3604.5 | 3574.2 | 3517.6 | 3482.7 |
| 24° | 3820.9 | 3817.0 | 3803.1 | 3786.8 | 3775.1 | 3764.3 | 3727.0 | 3699.1 | 3665.7 | 3619.2 | 3585.1 |
| 25° | 3906.3 | 3896.9 | 3887.6 | 3875.2 | 3856.6 | 3844.2 | 3806.2 | 3775.1 | 3746.4 | 3694.5 | 3647.9 |
| 26° | 3956.7 | 3959.0 | 3944.3 | 3935.0 | 3918.7 | 3906.3 | 3866.7 | 3830.2 | 3794.5 | 3738.7 | 3696.8 |
| 27° | 4007.9 | 4005.6 | 3992.4 | 3978.4 | 3961.3 | 3956.7 | 3910.9 | 3872.9 | 3836.4 | 3777.5 | 3727.8 |
| 28° | 4055.2 | 4049.0 | 4038.1 | 4021.8 | 4003.2 | 3989.3 | 3945.0 | 3905.5 | 3865.9 | 3803.1 | 3748.8 |
| 29° | 4094.8 | 4088.6 | 4081.6 | 4060.6 | 4036.6 | 4027.3 | 3980.0 | 3931.9 | 3892.3 | 3827.9 | 3770.5 |
| 30° | 4132.0 | 4120.4 | 4104.1 | 4086.2 | 4063.0 | 4045.1 | 3995.5 | 3953.6 | 3907.0 | 3835.7 | 3780.6 |
| 31° | 4133.6 | 4118.0 | 4106.4 | 4087.8 | 4061.4 | 4039.7 | 3987.7 | 3945.0 | 3890.7 | 3824.0 | 3764.3 |
| 32° | 4106.4 | 4098.7 | 4080.0 | 4059.9 | 4034.3 | 4012.5 | 3955.1 | 3910.1 | 3858.9 | 3787.6 | 3727.8 |
| 33° | 4045.1 | 4037.4 | 4026.5 | 4005.6 | 3972.2 | 3952.0 | 3900.8 | 3851.2 | 3800.7 | 3736.3 | 3668.1 |
| 34° | 3960.6 | 3951.2 | 3937.3 | 3916.3 | 3882.2 | 3861.3 | 3820.1 | 3768.9 | 3715.4 | 3648.7 | 3585.1 |
| 35° | 3847.3 | 3829.4 | 3825.6 | 3794.5 | 3762.7 | 3757.3 | 3708.4 | 3654.9 | 3600.6 | 3526.9 | 3471.8 |
| 36° | 3706.9 | 3685.9 | 3672.0 | 3661.1 | 3640.1 | 3614.5 | 3566.4 | 3523.8 | 3453.9 | 3406.6 | 3329.0 |
| 37° | 3515.2 | 3489.6 | 3502.8 | 3473.3 | 3440.8 | 3429.9 | 3368.6 | 3329.8 | 3270.9 | 3206.5 | 3140.5 |
| 38° | 3291.8 | 3289.5 | 3286.4 | 3273.2 | 3217.3 | 3188.6 | 3163.0 | 3121.9 | 3070.7 | 2993.1 | 2903.9 |
| 39° | 3009.4 | 3014.1 | 2997.8 | 2999.3 | 2971.4 | 2942.7 | 2907.0 | 2860.4 | 2798.4 | 2727.8 | 2655.6 |
| 40° | 2734.8 | 2668.8 | 2680.5 | 2640.9 | 2643.2 | 2600.5 | 2554.0 | 2512.9 | 2473.3 | 2411.2 | 2312.7 |
| 42.5° | 1892.2 | 1882.1 | 1847.2 | 1822.4 | 1833.3 | 1778.2 | 1716.9 | 1659.5 | 1604.4 | 1534.6 | 1448.5 |
| 45° | 1022.5 | 999.3 | 1006.2 | 965.9 | 965.9 | 941.1 | 924.0 | 875.9 | 824.7 | 792.9 | 743.2 |
| 47.5° | 380.2 | 384.8 | 393.3 | 377.0 | 358.4 | 369.3 | 353.0 | 353.0 | 344.5 | 334.4 | 320.4 |
| 50° | 103.2 | 104.7 | 103.2 | 103.2 | 100.9 | 99.3 | 96.2 | 95.4 | 94.6 | 92.3 | 88.4 |
| 52.5° | 41.9 | 39.6 | 39.6 | 40.3 | 40.3 | 38.8 | 39.6 | 39.6 | 38.8 | 38.0 | 38.0 |
| 55° | 7.0 | 7.8 | 7.8 | 7.8 | 7.8 | 7.0 | 7.0 | 7.8 | 8.5 | 7.8 | 7.8 |
| 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 |



TEST NUMBER: P1327701

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCA30R 1MMS_4000K

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: P1327701

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCA30R 1MMS_4000K

CANDELA DISTRIBUTION (continued):

| | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|--------|-------|-------|------|--------|------|--------|------|
| 0° | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 |
| 2.5° | 43.4 | 38.0 | 31.8 | 26.4 | 20.9 | 17.8 | 16.3 | 17.1 |
| 5° | 73.7 | 55.9 | 36.5 | 23.3 | 16.3 | 12.4 | 10.1 | 9.3 |
| 7.5° | 113.3 | 76.8 | 41.1 | 20.2 | 12.4 | 6.2 | 3.9 | 3.1 |
| 10° | 173.8 | 100.1 | 44.2 | 17.1 | 7.8 | 1.6 | 0.0 | 0.0 |
| 12.5° | 446.1 | 122.6 | 45.0 | 14.0 | 3.1 | 0.0 | 0.0 | 0.0 |
| 15° | 917.0 | 187.0 | 43.4 | 10.1 | 0.8 | 0.0 | 0.0 | 0.0 |
| 17.5° | 1524.5 | 286.3 | 38.0 | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 2114.9 | 354.5 | 30.3 | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21° | 2292.5 | 374.7 | 27.2 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22° | 2437.6 | 389.5 | 24.1 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 23° | 2558.7 | 397.2 | 20.9 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24° | 2643.2 | 398.8 | 19.4 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 2683.6 | 393.3 | 17.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26° | 2699.1 | 382.5 | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27° | 2687.4 | 368.5 | 14.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28° | 2666.5 | 347.6 | 11.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29° | 2625.4 | 319.6 | 10.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 2585.8 | 290.9 | 8.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31° | 2540.8 | 265.3 | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32° | 2485.7 | 235.8 | 5.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33° | 2394.2 | 208.7 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 34° | 2266.2 | 183.1 | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 2094.7 | 155.9 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36° | 1907.0 | 127.2 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37° | 1677.3 | 92.3 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38° | 1437.6 | 58.2 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 39° | 1192.4 | 44.2 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 968.2 | 38.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 518.2 | 25.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 305.7 | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 170.7 | 6.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 61.3 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 24.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 8.5 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 0.8 | 0.0 | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.8 | 1.6 | 0.0 | 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 | 0.8 | 1.6 | 1.6 | 0.8 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.8 | 1.6 | 1.6 | 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 |



TEST NUMBER: P1327701

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCA30R 1MMS_4000K

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)