

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: P1319193

Luminaire Tested: LDSQA3D13R209835DE010 3LSQCA30R 1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319193
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: LDSQA3D13R209835DE010 3LSQCA30R 1MMS
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , 3LSQCA30R 1MMS TRII
Light Source: -
Ballast/Driver: -

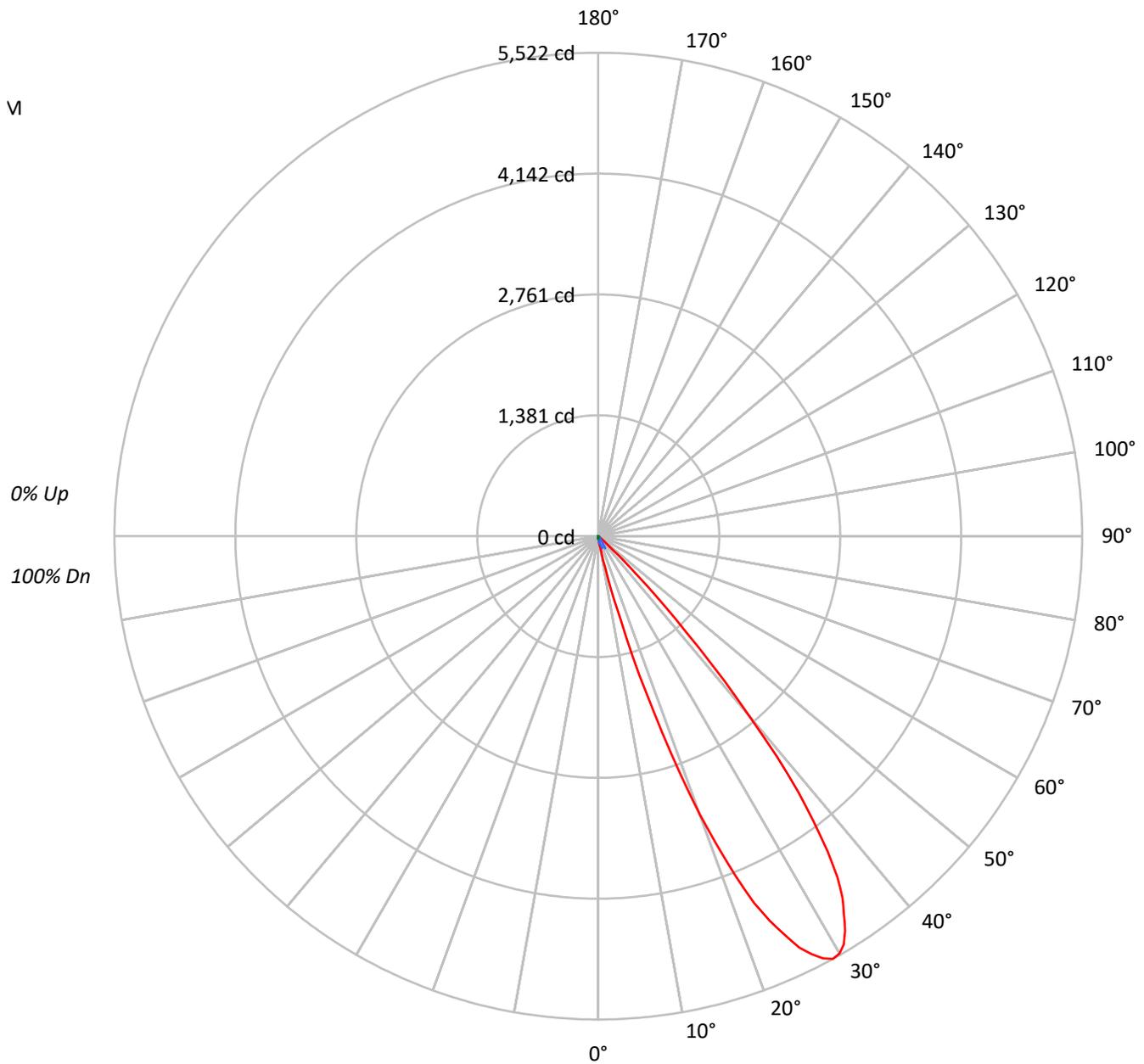
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 762.0 lumens
Efficiency: N/A
Efficacy: 52.6 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): 14.5
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: P1319193
CATALOG NUMBER: LDSQA3D13R209835DE010 3LSQCA30R 1MMS

Luminous Intensity Polar Plot



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



TEST NUMBER: P1319193

CATALOG NUMBER: LDSQA3D13R209835DE010 3LSQCA30R 1MMS

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 | 49 |
| 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° | 4702 | 4702 | 4702 | 4702 | 4702 |
| 5° | 10217 | 7209 | 4322 | 1971 | 1435 |
| 10° | 25445 | 12731 | 3043 | 402 | 0 |
| 15° | 179029 | 17438 | 1765 | 0 | 0 |
| 20° | 618775 | 29306 | 696 | 0 | 0 |
| 25° | 953763 | 37435 | 285 | 0 | 0 |
| 30° | 1094735 | 28935 | 0 | 0 | 0 |
| 35° | 999799 | 10996 | 0 | 0 | 0 |
| 40° | 599394 | 5103 | 0 | 0 | 0 |
| 45° | 147305 | 2411 | 0 | 0 | 0 |
| 50° | 16237 | 616 | 0 | 0 | 0 |
| 55° | 2282 | 0 | 240 | 0 | 0 |
| 60° | 0 | 0 | 517 | 0 | 0 |
| 65° | 0 | 0 | 611 | 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: 1°
 Vertical Angle: 45°
 Luminance: 157072 cd/sqm



TEST NUMBER: P1319193

CATALOG NUMBER: LDSQA3D13R209835DE010 3LSQCA30R 1MMS

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 3.1 | 0.4 |
| 10°-20° | 59.5 | 7.8 |
| 20°-30° | 301.0 | 39.5 |
| 30°-40° | 325.7 | 42.7 |
| 40°-50° | 68.8 | 9.0 |
| 50°-60° | 2.1 | 0.3 |
| 60°-70° | 0.5 | 0.1 |
| 70°-80° | 0.7 | 0.1 |
| 80°-90° | 0.6 | 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° | 363.6 | 47.7 |
| 0°-40° | 689.3 | 90.5 |
| 0°-60° | 760.2 | 99.8 |
| 0°-90° | 762.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 762.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 27 | 27 | 27 | 27 | 27 | |
| 5° | 59 | 42 | 25 | 11 | 8 | 8 |
| 15° | 1004 | 98 | 10 | 0 | 0 | 419 |
| 25° | 5019 | 197 | 2 | 0 | 0 | 2269 |
| 35° | 4755 | 52 | 0 | 0 | 0 | 2804 |
| 45° | 605 | 10 | 0 | 0 | 0 | 665 |
| 55° | 8 | 0 | 1 | 0 | 0 | 13 |
| 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: P1319193
 CATALOG NUMBER: LDSQA3D13R209835DE010 3LSQCA30R 1MMS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 |
| 2.5° | 37.1 | 36.4 | 37.1 | 36.4 | 37.1 | 37.1 | 37.1 | 36.4 | 36.4 | 36.4 | 36.4 |
| 5° | 59.1 | 59.1 | 58.4 | 59.1 | 59.1 | 59.1 | 59.1 | 58.4 | 58.4 | 57.6 | 57.6 |
| 7.5° | 93.2 | 93.2 | 92.5 | 92.5 | 93.2 | 94.0 | 90.9 | 92.5 | 92.5 | 92.5 | 91.7 |
| 10° | 145.5 | 148.5 | 145.5 | 149.3 | 146.3 | 144.0 | 147.8 | 144.0 | 144.0 | 143.2 | 141.0 |
| 12.5° | 366.8 | 358.5 | 353.2 | 340.3 | 353.2 | 343.3 | 345.6 | 343.3 | 335.7 | 325.9 | 319.8 |
| 15° | 1004.1 | 1004.1 | 974.6 | 1014.0 | 985.2 | 995.8 | 941.2 | 942.0 | 913.9 | 883.6 | 867.0 |
| 17.5° | 2099.2 | 2118.2 | 2098.4 | 2086.3 | 2060.6 | 2023.4 | 2008.3 | 1969.6 | 1918.8 | 1859.7 | 1852.9 |
| 20° | 3376.2 | 3296.6 | 3333.7 | 3299.6 | 3278.4 | 3232.9 | 3182.2 | 3150.3 | 3105.6 | 3030.6 | 2919.9 |
| 21° | 3777.8 | 3774.8 | 3774.0 | 3773.3 | 3742.2 | 3667.9 | 3621.7 | 3558.0 | 3495.1 | 3417.8 | 3325.4 |
| 22° | 4182.5 | 4196.9 | 4203.0 | 4159.0 | 4095.3 | 4062.0 | 4030.2 | 3943.0 | 3843.7 | 3803.6 | 3693.7 |
| 23° | 4553.8 | 4540.2 | 4500.8 | 4480.3 | 4431.1 | 4421.2 | 4326.5 | 4271.2 | 4174.2 | 4130.2 | 3999.9 |
| 24° | 4807.0 | 4800.1 | 4781.9 | 4751.6 | 4712.2 | 4651.6 | 4594.8 | 4507.6 | 4428.0 | 4356.0 | 4234.8 |
| 25° | 5019.1 | 5025.2 | 4991.9 | 4971.4 | 4929.0 | 4860.8 | 4791.0 | 4695.6 | 4621.3 | 4537.2 | 4397.0 |
| 26° | 5229.1 | 5186.6 | 5160.1 | 5129.8 | 5083.6 | 5005.5 | 4938.1 | 4852.4 | 4762.2 | 4668.3 | 4531.1 |
| 27° | 5358.7 | 5320.8 | 5280.6 | 5251.0 | 5198.0 | 5123.7 | 5051.7 | 4957.0 | 4856.2 | 4761.5 | 4620.5 |
| 28° | 5461.0 | 5419.3 | 5379.9 | 5344.3 | 5283.6 | 5204.1 | 5117.7 | 5021.4 | 4916.8 | 4819.1 | 4675.1 |
| 29° | 5521.6 | 5472.3 | 5429.9 | 5389.7 | 5334.4 | 5248.0 | 5160.9 | 5057.8 | 4957.0 | 4854.7 | 4707.7 |
| 30° | 5504.9 | 5462.5 | 5421.6 | 5380.6 | 5324.6 | 5243.5 | 5157.1 | 5058.6 | 4957.0 | 4856.2 | 4706.9 |
| 31° | 5439.7 | 5387.5 | 5357.9 | 5317.0 | 5268.5 | 5185.9 | 5111.6 | 5004.0 | 4912.3 | 4803.2 | 4653.9 |
| 32° | 5314.7 | 5281.4 | 5242.0 | 5210.1 | 5163.1 | 5075.2 | 5002.5 | 4914.6 | 4806.2 | 4716.8 | 4559.9 |
| 33° | 5144.9 | 5113.9 | 5094.2 | 5057.0 | 5011.6 | 4950.9 | 4863.8 | 4783.5 | 4661.4 | 4569.7 | 4412.9 |
| 34° | 4982.8 | 4943.4 | 4894.1 | 4883.5 | 4844.1 | 4766.0 | 4687.2 | 4605.4 | 4496.2 | 4379.5 | 4221.1 |
| 35° | 4755.4 | 4714.5 | 4669.0 | 4672.8 | 4625.8 | 4534.9 | 4454.6 | 4362.9 | 4259.0 | 4121.9 | 3971.8 |
| 36° | 4451.5 | 4424.2 | 4417.4 | 4399.2 | 4345.4 | 4237.1 | 4160.5 | 4045.3 | 3958.2 | 3790.7 | 3661.9 |
| 37° | 4080.9 | 4090.8 | 4041.5 | 4018.0 | 3955.1 | 3879.4 | 3836.2 | 3688.4 | 3586.8 | 3461.0 | 3286.7 |
| 38° | 3706.6 | 3692.2 | 3633.8 | 3648.2 | 3561.8 | 3483.0 | 3361.0 | 3273.1 | 3159.4 | 3042.7 | 2903.3 |
| 39° | 3239.0 | 3203.4 | 3133.7 | 3136.7 | 3071.5 | 2982.8 | 2864.6 | 2760.8 | 2692.6 | 2580.4 | 2447.1 |
| 40° | 2666.1 | 2650.9 | 2626.7 | 2586.5 | 2500.9 | 2462.2 | 2356.9 | 2244.7 | 2187.1 | 2031.8 | 1966.6 |
| 42.5° | 1479.3 | 1458.8 | 1417.9 | 1403.5 | 1358.0 | 1312.6 | 1251.2 | 1176.2 | 1139.8 | 1093.6 | 990.5 |
| 45° | 604.8 | 644.9 | 635.1 | 623.7 | 588.8 | 591.1 | 547.2 | 552.5 | 512.3 | 485.0 | 466.1 |
| 47.5° | 133.4 | 144.7 | 145.5 | 140.2 | 145.5 | 141.0 | 138.7 | 134.9 | 135.7 | 137.9 | 132.6 |
| 50° | 60.6 | 59.9 | 61.4 | 60.6 | 59.9 | 59.1 | 58.4 | 56.1 | 57.6 | 56.1 | 54.6 |
| 52.5° | 23.5 | 24.3 | 24.3 | 22.7 | 23.5 | 23.5 | 23.5 | 22.7 | 22.7 | 22.7 | 22.7 |
| 55° | 7.6 | 7.6 | 7.6 | 6.8 | 6.8 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 6.8 |
| 57.5° | 0.8 | 1.5 | 0.8 | 1.5 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 1.5 | 1.5 |
| 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: P1319193

CATALOG NUMBER: LDSQA3D13R209835DE010 3LSQCA30R 1MMS

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: P1319193

CATALOG NUMBER: LDSQA3D13R209835DE010 3LSQCA30R 1MMS

CANDELA DISTRIBUTION (continued):

| | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|--------|-------|-------|------|--------|------|--------|------|
| 0° | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 |
| 2.5° | 34.9 | 31.8 | 29.6 | 27.3 | 22.7 | 18.9 | 17.4 | 17.4 |
| 5° | 53.8 | 41.7 | 31.1 | 25.0 | 17.4 | 11.4 | 9.1 | 8.3 |
| 7.5° | 81.1 | 56.1 | 32.6 | 21.2 | 11.4 | 6.1 | 3.8 | 3.0 |
| 10° | 117.5 | 72.8 | 34.1 | 17.4 | 6.8 | 2.3 | 0.0 | 0.0 |
| 12.5° | 205.4 | 87.2 | 34.1 | 13.6 | 3.0 | 0.0 | 0.0 | 0.0 |
| 15° | 470.6 | 97.8 | 32.6 | 9.9 | 0.8 | 0.0 | 0.0 | 0.0 |
| 17.5° | 977.6 | 122.8 | 28.8 | 6.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 1561.1 | 159.9 | 22.7 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21° | 1801.4 | 172.8 | 20.5 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22° | 1974.2 | 184.9 | 18.2 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 23° | 2164.4 | 192.5 | 15.9 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24° | 2304.6 | 197.0 | 13.6 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 2391.7 | 197.0 | 12.1 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26° | 2443.3 | 192.5 | 10.6 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27° | 2455.4 | 184.9 | 9.1 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28° | 2440.2 | 175.1 | 7.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29° | 2392.5 | 160.7 | 6.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 2341.0 | 145.5 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31° | 2253.0 | 125.0 | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32° | 2151.5 | 103.8 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33° | 2015.8 | 81.8 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 34° | 1815.8 | 64.4 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 1636.2 | 52.3 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36° | 1401.2 | 41.7 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37° | 1200.4 | 34.9 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38° | 1004.9 | 29.6 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 39° | 815.4 | 25.8 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 650.2 | 22.7 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 350.9 | 15.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 194.0 | 9.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 85.6 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 28.8 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 14.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 6.8 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 1.5 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.8 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.8 | 1.5 | 0.8 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 1.5 | 1.5 | 0.8 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.8 | 1.5 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.8 | 1.5 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.8 | 1.5 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.8 | 1.5 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.8 | 1.5 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.8 | 1.5 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1319193
CATALOG NUMBER: LDSQA3D13R209835DE010 3LSQCA30R 1MMS

CANDELA DISTRIBUTION (continued):

| | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|-------|-----|--------|------|--------|------|
| 82.5° | 0.0 | 0.8 | 1.5 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.8 | 1.5 | 2.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.8 | 1.5 | 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)