

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: P1314444

Luminaire Tested: LDSQA3D09R209730DE010 3LSQCA45R 1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314444
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-74)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R209730DE010 3LSQCA45R 1MB
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , 3LSQCA45R 1MB TRIM
Light Source: -
Ballast/Driver: -

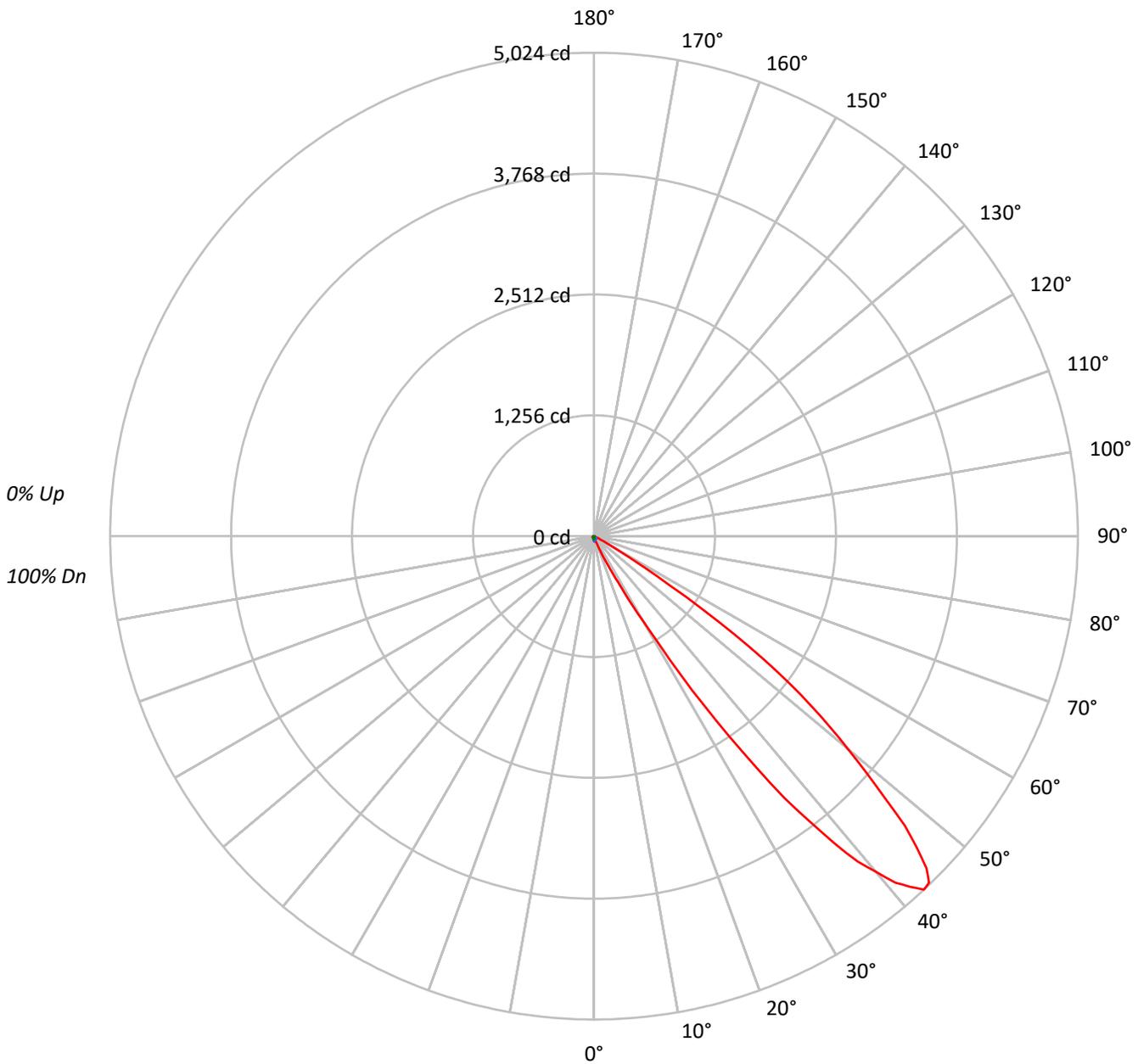
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 698.0 lumens
Efficiency: N/A
Efficacy: 62.9 lumens/watt
Spacing Criteria (0/90/45): 3.39 / 0.51 / 1.14
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 (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: P1314444
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Luminous Intensity Polar Plot



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



TEST NUMBER: P1314444

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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 | 110 | 106 | 102 | 99 | 108 | 104 | 101 | 97 | 100 | 97 | 94 | 96 | 94 | 92 | 92 | 91 | 89 | 89 | 89 | 89 | 87 |
| 2 | 101 | 93 | 87 | 82 | 98 | 91 | 86 | 81 | 88 | 83 | 79 | 85 | 81 | 77 | 82 | 78 | 75 | 75 | 75 | 75 | 73 |
| 3 | 92 | 81 | 74 | 67 | 89 | 80 | 73 | 67 | 77 | 71 | 66 | 74 | 69 | 65 | 72 | 67 | 63 | 63 | 63 | 63 | 61 |
| 4 | 83 | 71 | 62 | 56 | 81 | 70 | 62 | 55 | 67 | 60 | 55 | 65 | 59 | 54 | 63 | 58 | 53 | 53 | 53 | 53 | 51 |
| 5 | 75 | 62 | 53 | 46 | 73 | 61 | 53 | 46 | 59 | 51 | 46 | 57 | 50 | 45 | 55 | 49 | 45 | 45 | 45 | 45 | 42 |
| 6 | 68 | 55 | 45 | 39 | 66 | 54 | 45 | 38 | 52 | 44 | 38 | 50 | 43 | 38 | 48 | 42 | 37 | 37 | 37 | 37 | 35 |
| 7 | 62 | 48 | 39 | 32 | 60 | 47 | 38 | 32 | 46 | 38 | 32 | 44 | 37 | 32 | 43 | 36 | 31 | 31 | 31 | 31 | 29 |
| 8 | 57 | 42 | 33 | 27 | 55 | 42 | 33 | 27 | 40 | 33 | 27 | 39 | 32 | 27 | 38 | 31 | 27 | 27 | 27 | 27 | 25 |
| 9 | 52 | 38 | 29 | 23 | 51 | 37 | 29 | 23 | 36 | 28 | 23 | 35 | 28 | 23 | 34 | 27 | 23 | 23 | 23 | 23 | 21 |
| 10 | 48 | 34 | 25 | 20 | 47 | 33 | 25 | 20 | 32 | 25 | 19 | 31 | 24 | 19 | 30 | 24 | 19 | 19 | 19 | 19 | 17 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|---------|------|------|------|-------|
| 0° | 8353 | 8353 | 8353 | 8353 | 8353 |
| 5° | 9750 | 9076 | 7831 | 6811 | 6569 |
| 10° | 9636 | 8254 | 6191 | 5281 | 5159 |
| 15° | 8416 | 6312 | 4564 | 4208 | 4440 |
| 20° | 12499 | 5297 | 3372 | 3611 | 3959 |
| 25° | 53854 | 5492 | 2622 | 3249 | 3858 |
| 30° | 203618 | 6662 | 2227 | 3122 | 3778 |
| 35° | 617300 | 7989 | 2060 | 3175 | 3995 |
| 40° | 1023609 | 7959 | 1776 | 3395 | 4272 |
| 45° | 1189764 | 5431 | 1607 | 3507 | 4628 |
| 50° | 923558 | 3001 | 1581 | 3697 | 5278 |
| 55° | 534555 | 1982 | 1561 | 4144 | 5705 |
| 60° | 90382 | 448 | 1343 | 4306 | 6338 |
| 65° | 6968 | 0 | 1589 | 4809 | 7213 |
| 70° | 1007 | 0 | 1964 | 5287 | 8258 |
| 75° | 865 | 466 | 2196 | 6122 | 9582 |
| 80° | 694 | 694 | 3273 | 6546 | 11108 |
| 85° | 1383 | 1383 | 5138 | 6521 | 11659 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1189764 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 4.2 | 0.6 |
| 10°-20° | 8.7 | 1.3 |
| 20°-30° | 27.9 | 4.0 |
| 30°-40° | 178.0 | 25.5 |
| 40°-50° | 325.8 | 46.7 |
| 50°-60° | 133.9 | 19.2 |
| 60°-70° | 11.3 | 1.6 |
| 70°-80° | 5.6 | 0.8 |
| 80°-90° | 2.7 | 0.4 |
| 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° | 40.8 | 5.8 |
| 0°-40° | 218.8 | 31.3 |
| 0°-60° | 678.4 | 97.2 |
| 0°-90° | 698.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 698.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 48 | 48 | 48 | 48 | 48 | |
| 5° | 56 | 52 | 45 | 39 | 38 | 5 |
| 15° | 47 | 35 | 26 | 24 | 25 | 15 |
| 25° | 283 | 29 | 14 | 17 | 20 | 186 |
| 35° | 2936 | 38 | 10 | 15 | 19 | 1858 |
| 45° | 4885 | 22 | 7 | 14 | 19 | 3507 |
| 55° | 1780 | 7 | 5 | 14 | 19 | 1556 |
| 65° | 17 | 0 | 4 | 12 | 18 | 56 |
| 75° | 1 | 1 | 3 | 9 | 14 | 2 |
| 85° | 1 | 1 | 3 | 3 | 6 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1314444

CATALOG NUMBER: LDSQA3D09R209730DE010 3LSQCA45R 1MB

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|
| 0° | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| 2.5° | 53.1 | 53.1 | 53.1 | 52.5 | 52.5 | 53.1 | 52.5 | 52.5 | 52.5 | 52.5 | 51.8 |
| 5° | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 55.8 | 55.8 | 55.1 | 52.5 |
| 7.5° | 57.7 | 57.7 | 57.7 | 57.7 | 57.1 | 57.1 | 57.1 | 57.1 | 56.4 | 55.8 | 51.2 |
| 10° | 55.1 | 55.1 | 55.1 | 54.4 | 54.4 | 54.4 | 53.8 | 53.8 | 53.1 | 52.5 | 47.2 |
| 12.5° | 49.9 | 49.9 | 49.9 | 49.9 | 49.2 | 49.2 | 48.5 | 48.5 | 47.9 | 47.2 | 41.3 |
| 15° | 47.2 | 47.2 | 47.2 | 46.6 | 46.6 | 45.9 | 45.3 | 44.6 | 43.9 | 42.6 | 35.4 |
| 17.5° | 51.2 | 51.2 | 50.5 | 50.5 | 49.2 | 47.9 | 47.2 | 45.3 | 43.9 | 42.0 | 31.5 |
| 20° | 68.2 | 68.9 | 66.3 | 64.3 | 63.0 | 59.0 | 57.1 | 53.8 | 51.2 | 47.9 | 28.9 |
| 22.5° | 137.8 | 135.1 | 130.5 | 123.3 | 114.8 | 107.6 | 94.5 | 84.0 | 76.7 | 66.9 | 28.2 |
| 25° | 283.4 | 280.7 | 268.3 | 257.8 | 231.6 | 211.2 | 183.0 | 160.1 | 136.4 | 113.5 | 28.9 |
| 27.5° | 538.5 | 520.8 | 517.5 | 469.7 | 432.9 | 380.5 | 326.0 | 280.1 | 238.1 | 191.5 | 30.8 |
| 30° | 1023.9 | 1003.6 | 932.1 | 860.0 | 760.9 | 648.7 | 541.8 | 442.1 | 358.8 | 283.4 | 33.5 |
| 31° | 1299.4 | 1319.1 | 1235.2 | 1090.2 | 943.9 | 800.3 | 654.0 | 527.4 | 419.8 | 326.0 | 34.8 |
| 32° | 1708.1 | 1622.2 | 1533.6 | 1384.7 | 1172.2 | 988.5 | 804.9 | 622.5 | 480.8 | 371.9 | 36.1 |
| 33° | 2094.5 | 2044.0 | 1908.8 | 1723.2 | 1468.0 | 1210.2 | 972.1 | 734.7 | 555.6 | 427.7 | 36.7 |
| 34° | 2506.4 | 2450.7 | 2341.1 | 2074.8 | 1794.7 | 1456.9 | 1139.4 | 863.9 | 644.8 | 482.1 | 37.4 |
| 35° | 2936.1 | 2912.4 | 2701.2 | 2470.3 | 2126.0 | 1718.6 | 1340.8 | 1005.6 | 732.0 | 532.0 | 38.0 |
| 36° | 3368.3 | 3292.2 | 3126.9 | 2789.8 | 2430.3 | 1960.7 | 1552.0 | 1137.4 | 820.6 | 591.0 | 38.0 |
| 37° | 3693.7 | 3676.6 | 3457.5 | 3128.9 | 2706.5 | 2219.1 | 1734.3 | 1283.7 | 909.8 | 641.5 | 38.0 |
| 38° | 4052.5 | 3984.9 | 3762.6 | 3428.0 | 2966.2 | 2455.9 | 1925.2 | 1411.0 | 994.4 | 687.4 | 37.4 |
| 39° | 4354.9 | 4254.5 | 4030.2 | 3699.6 | 3193.2 | 2635.6 | 2076.8 | 1534.3 | 1069.2 | 725.5 | 36.7 |
| 40° | 4553.0 | 4483.5 | 4249.3 | 3877.4 | 3399.2 | 2805.5 | 2230.3 | 1636.0 | 1125.0 | 754.3 | 35.4 |
| 41° | 4771.4 | 4656.0 | 4424.4 | 4050.5 | 3548.7 | 2955.1 | 2326.7 | 1702.9 | 1168.3 | 773.4 | 34.1 |
| 42° | 4902.0 | 4807.5 | 4532.7 | 4166.6 | 3655.6 | 3040.4 | 2405.4 | 1754.0 | 1194.5 | 783.2 | 31.5 |
| 43° | 5024.0 | 4895.4 | 4627.8 | 4234.2 | 3726.5 | 3100.7 | 2441.5 | 1777.6 | 1200.4 | 783.2 | 28.2 |
| 44° | 5007.6 | 4885.6 | 4608.1 | 4243.4 | 3742.2 | 3118.4 | 2456.6 | 1778.3 | 1191.2 | 773.4 | 24.9 |
| 45° | 4884.9 | 4763.6 | 4513.6 | 4163.4 | 3685.8 | 3083.6 | 2426.4 | 1752.1 | 1165.6 | 756.3 | 22.3 |
| 46° | 4659.9 | 4539.2 | 4347.7 | 4029.5 | 3580.9 | 3004.9 | 2356.2 | 1695.0 | 1123.0 | 728.8 | 19.7 |
| 47° | 4415.2 | 4297.8 | 4101.7 | 3813.7 | 3401.8 | 2864.6 | 2254.5 | 1615.0 | 1063.3 | 688.8 | 17.7 |
| 48° | 4060.4 | 3986.9 | 3790.1 | 3544.1 | 3153.2 | 2644.8 | 2076.1 | 1484.4 | 983.3 | 636.9 | 15.1 |
| 49° | 3746.8 | 3669.4 | 3496.9 | 3232.6 | 2829.1 | 2389.0 | 1862.9 | 1325.7 | 879.0 | 579.2 | 13.1 |
| 50° | 3447.0 | 3379.5 | 3220.1 | 2921.6 | 2536.6 | 2080.0 | 1575.0 | 1125.6 | 747.8 | 507.7 | 11.2 |
| 51° | 3153.8 | 3103.3 | 2940.7 | 2666.5 | 2275.5 | 1842.6 | 1364.4 | 937.4 | 617.9 | 421.1 | 10.5 |
| 52° | 2859.3 | 2853.4 | 2677.0 | 2399.5 | 2021.7 | 1605.8 | 1159.7 | 791.1 | 524.1 | 353.6 | 9.8 |
| 53° | 2542.5 | 2504.4 | 2350.3 | 2101.0 | 1738.3 | 1359.1 | 983.3 | 667.1 | 451.3 | 301.1 | 8.5 |
| 54° | 2181.7 | 2139.1 | 1973.8 | 1748.8 | 1420.1 | 1113.2 | 792.4 | 539.2 | 375.9 | 254.5 | 7.9 |
| 55° | 1780.3 | 1707.5 | 1587.4 | 1356.5 | 1109.2 | 849.5 | 612.0 | 427.0 | 300.4 | 211.9 | 6.6 |
| 56° | 1350.6 | 1277.8 | 1210.2 | 1040.3 | 814.0 | 633.7 | 455.9 | 327.3 | 234.8 | 167.3 | 5.9 |
| 57° | 939.3 | 935.4 | 824.5 | 694.0 | 544.4 | 431.6 | 312.2 | 230.9 | 166.0 | 129.9 | 4.6 |
| 58° | 609.4 | 589.0 | 518.2 | 442.8 | 356.2 | 269.6 | 200.7 | 156.8 | 112.8 | 88.6 | 3.9 |
| 59° | 427.0 | 386.4 | 348.3 | 295.2 | 224.3 | 169.9 | 129.2 | 100.4 | 78.1 | 61.7 | 2.6 |
| 60° | 262.4 | 253.9 | 228.3 | 179.7 | 145.6 | 120.0 | 96.4 | 74.1 | 57.1 | 43.9 | 1.3 |
| 62.5° | 74.8 | 76.1 | 68.9 | 61.0 | 52.5 | 45.3 | 40.7 | 34.8 | 28.9 | 23.0 | 0.0 |
| 65° | 17.1 | 16.4 | 17.7 | 16.4 | 15.1 | 15.1 | 13.1 | 11.8 | 10.5 | 9.8 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 5.2 | 5.2 | 4.6 | 4.6 | 4.6 | 3.9 | 3.9 | 3.3 | 3.3 | 2.6 | 0.0 |
| 70° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.3 | 1.3 | 1.3 | 0.7 | 0.7 | 0.0 |
| 72.5° | 2.0 | 2.0 | 2.0 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 0.7 | 0.7 | 0.7 |
| 75° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 0.7 | 0.7 | 0.7 | 0.7 |
| 77.5° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 0.7 | 1.3 | 0.7 | 0.7 | 0.7 | 0.7 |
| 80° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 82.5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 85° | 0.7 | 0.7 | 0.7 | 0.7 | 0.0 | 0.0 | 0.7 | 0.7 | 0.7 | 0.0 | 0.7 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 |
| 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: P1314444

CATALOG NUMBER: LDSQA3D09R209730DE010 3LSQCA45R 1MB

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0° | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| 2.5° | 50.5 | 47.9 | 45.9 | 43.9 | 43.3 | 43.3 |
| 5° | 49.2 | 45.3 | 41.3 | 39.4 | 38.0 | 38.0 |
| 7.5° | 45.3 | 40.7 | 36.7 | 34.8 | 34.1 | 34.1 |
| 10° | 40.7 | 35.4 | 31.5 | 30.2 | 30.2 | 29.5 |
| 12.5° | 35.4 | 30.2 | 27.6 | 26.9 | 26.9 | 26.9 |
| 15° | 29.5 | 25.6 | 23.6 | 23.6 | 24.3 | 24.9 |
| 17.5° | 24.9 | 21.0 | 20.3 | 21.6 | 23.0 | 23.0 |
| 20° | 21.0 | 18.4 | 18.4 | 19.7 | 21.0 | 21.6 |
| 22.5° | 17.7 | 15.7 | 16.4 | 18.4 | 20.3 | 21.0 |
| 25° | 15.7 | 13.8 | 15.1 | 17.1 | 19.0 | 20.3 |
| 27.5° | 13.1 | 12.5 | 13.8 | 16.4 | 19.0 | 19.7 |
| 30° | 11.2 | 11.2 | 13.1 | 15.7 | 18.4 | 19.0 |
| 31° | 10.5 | 10.5 | 13.1 | 15.7 | 18.4 | 19.0 |
| 32° | 9.8 | 10.5 | 12.5 | 15.7 | 18.4 | 19.0 |
| 33° | 9.2 | 9.8 | 12.5 | 15.1 | 18.4 | 19.0 |
| 34° | 8.5 | 9.8 | 12.5 | 15.1 | 18.4 | 19.0 |
| 35° | 7.9 | 9.8 | 12.5 | 15.1 | 18.4 | 19.0 |
| 36° | 7.2 | 9.2 | 11.8 | 15.1 | 18.4 | 19.0 |
| 37° | 6.6 | 9.2 | 11.8 | 15.1 | 18.4 | 19.0 |
| 38° | 5.9 | 8.5 | 11.8 | 15.1 | 18.4 | 19.0 |
| 39° | 5.9 | 8.5 | 11.2 | 15.1 | 17.7 | 19.0 |
| 40° | 5.2 | 7.9 | 11.2 | 15.1 | 17.7 | 19.0 |
| 41° | 4.6 | 7.9 | 11.2 | 14.4 | 17.7 | 19.0 |
| 42° | 3.9 | 7.2 | 10.5 | 14.4 | 17.7 | 19.0 |
| 43° | 3.3 | 7.2 | 10.5 | 14.4 | 17.7 | 19.0 |
| 44° | 3.3 | 6.6 | 10.5 | 14.4 | 17.7 | 19.0 |
| 45° | 2.6 | 6.6 | 10.5 | 14.4 | 17.7 | 19.0 |
| 46° | 2.0 | 6.6 | 10.5 | 14.4 | 17.7 | 19.0 |
| 47° | 2.0 | 5.9 | 9.8 | 14.4 | 17.7 | 19.0 |
| 48° | 1.3 | 5.9 | 9.8 | 14.4 | 17.7 | 19.0 |
| 49° | 1.3 | 5.9 | 9.8 | 14.4 | 17.7 | 19.7 |
| 50° | 1.3 | 5.9 | 9.8 | 13.8 | 17.7 | 19.7 |
| 51° | 0.7 | 5.9 | 9.8 | 13.8 | 17.7 | 19.7 |
| 52° | 0.7 | 5.9 | 9.2 | 13.8 | 18.4 | 19.7 |
| 53° | 0.7 | 5.2 | 9.2 | 13.8 | 18.4 | 19.7 |
| 54° | 0.7 | 5.2 | 9.2 | 13.8 | 18.4 | 19.0 |
| 55° | 0.7 | 5.2 | 9.2 | 13.8 | 17.7 | 19.0 |
| 56° | 0.7 | 4.6 | 9.2 | 13.8 | 17.7 | 19.0 |
| 57° | 0.7 | 4.6 | 8.5 | 13.1 | 17.7 | 18.4 |
| 58° | 0.7 | 4.6 | 8.5 | 13.1 | 17.7 | 18.4 |
| 59° | 0.7 | 4.6 | 8.5 | 13.1 | 17.1 | 18.4 |
| 60° | 1.3 | 3.9 | 7.9 | 12.5 | 17.1 | 18.4 |
| 62.5° | 1.3 | 3.9 | 7.9 | 12.5 | 16.4 | 17.7 |
| 65° | 1.3 | 3.9 | 7.2 | 11.8 | 16.4 | 17.7 |



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CATALOG NUMBER: LDSQA3D09R209730DE010 3LSQCA45R 1MB

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.3 | 3.3 | 6.6 | 11.2 | 15.7 | 17.1 |
| 70° | 1.3 | 3.9 | 6.6 | 10.5 | 15.1 | 16.4 |
| 72.5° | 2.0 | 3.3 | 5.9 | 9.8 | 14.4 | 15.7 |
| 75° | 2.0 | 3.3 | 5.9 | 9.2 | 13.8 | 14.4 |
| 77.5° | 2.6 | 3.3 | 5.2 | 7.9 | 12.5 | 13.1 |
| 80° | 2.6 | 3.3 | 4.6 | 6.6 | 10.5 | 11.2 |
| 82.5° | 2.6 | 3.3 | 3.3 | 5.2 | 7.9 | 8.5 |
| 85° | 2.0 | 2.6 | 2.6 | 3.3 | 5.2 | 5.9 |
| 87.5° | 2.0 | 2.6 | 2.0 | 1.3 | 2.6 | 2.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)