

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: P1314932

Luminaire Tested: LDSQA3D20R259730D010 3LSQCA45R 1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314932
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-75)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D20R259730D010 3LSQCA45R 1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , 3LSQCA45R 1MW TRIM
Light Source: -
Ballast/Driver: -

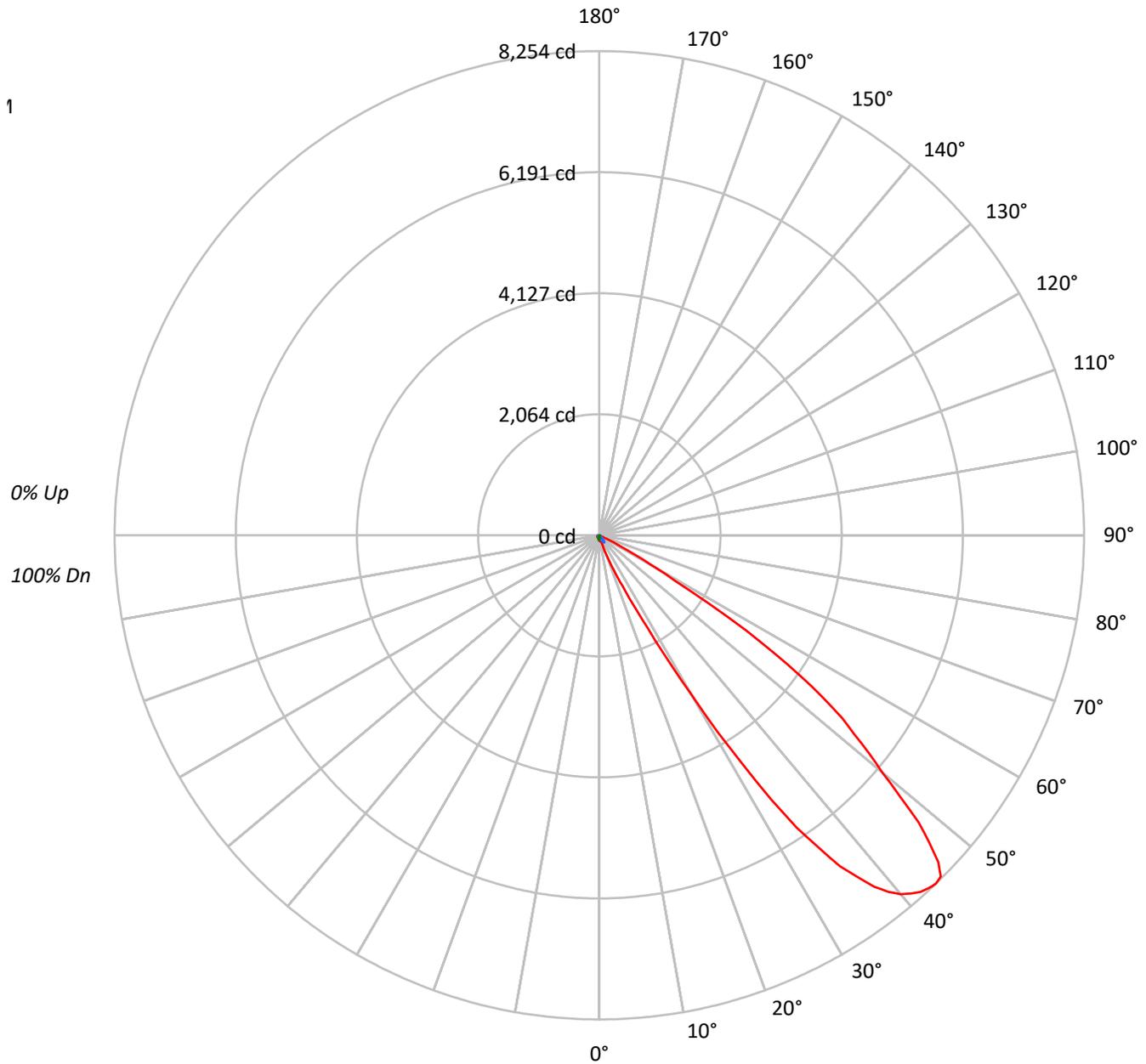
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1721.0 lumens
Efficiency: N/A
Efficacy: 59.8 lumens/watt
Spacing Criteria (0/90/45): 3.65 / 0.61 / 1.37
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1314932
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Luminous Intensity Polar Plot



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



TEST NUMBER: P1314932

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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 | 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 | 64 | 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 | 39 | 52 | 44 | 38 | 50 | 43 | 38 | 48 | 42 | 37 | 37 | 37 | 37 | 35 |
| 7 | 62 | 48 | 39 | 32 | 60 | 47 | 39 | 32 | 46 | 38 | 32 | 44 | 37 | 32 | 43 | 36 | 32 | 32 | 32 | 32 | 29 |
| 8 | 57 | 43 | 34 | 27 | 55 | 42 | 33 | 27 | 40 | 33 | 27 | 39 | 32 | 27 | 38 | 32 | 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 | 20 | 31 | 24 | 19 | 30 | 24 | 19 | 19 | 19 | 19 | 17 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|---------|-------|-------|-------|-------|
| 0° | 15121 | 15121 | 15121 | 15121 | 15121 |
| 5° | 17288 | 16493 | 14660 | 13087 | 12828 |
| 10° | 17208 | 15634 | 12451 | 10860 | 10860 |
| 15° | 19167 | 13497 | 9717 | 9182 | 9717 |
| 20° | 67720 | 13324 | 7496 | 7771 | 8596 |
| 25° | 194834 | 16988 | 6043 | 7202 | 8342 |
| 30° | 621614 | 26210 | 4813 | 6921 | 8432 |
| 35° | 1361484 | 30885 | 4142 | 6686 | 8599 |
| 40° | 1796025 | 27923 | 3395 | 6812 | 9195 |
| 45° | 2002888 | 19558 | 3312 | 7380 | 9962 |
| 50° | 1685955 | 10155 | 3242 | 7716 | 10958 |
| 55° | 1260496 | 4084 | 3183 | 8648 | 12281 |
| 60° | 390188 | 1033 | 3134 | 9403 | 13571 |
| 65° | 33335 | 0 | 3708 | 9862 | 14793 |
| 70° | 2266 | 755 | 3827 | 11430 | 16768 |
| 75° | 1996 | 998 | 5057 | 12111 | 19164 |
| 80° | 1488 | 1488 | 7538 | 13488 | 22514 |
| 85° | 2964 | 2964 | 12054 | 15018 | 23910 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2002888 cd/sqm



TEST NUMBER: P1314932

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 7.9 | 0.5 |
| 10°-20° | 20.3 | 1.2 |
| 20°-30° | 95.2 | 5.5 |
| 30°-40° | 458.4 | 26.6 |
| 40°-50° | 718.6 | 41.8 |
| 50°-60° | 368.4 | 21.4 |
| 60°-70° | 34.7 | 2.0 |
| 70°-80° | 11.7 | 0.7 |
| 80°-90° | 5.9 | 0.3 |
| 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° | 123.4 | 7.2 |
| 0°-40° | 581.8 | 33.8 |
| 0°-60° | 1668.7 | 97.0 |
| 0°-90° | 1721.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1721.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 88 | 88 | 88 | 88 | 88 | |
| 5° | 100 | 95 | 85 | 76 | 74 | 9 |
| 15° | 108 | 76 | 54 | 52 | 54 | 45 |
| 25° | 1025 | 89 | 32 | 38 | 44 | 636 |
| 35° | 6476 | 147 | 20 | 32 | 41 | 3931 |
| 45° | 8223 | 80 | 14 | 30 | 41 | 6017 |
| 55° | 4198 | 14 | 11 | 29 | 41 | 3495 |
| 65° | 82 | 0 | 9 | 24 | 36 | 256 |
| 75° | 3 | 2 | 8 | 18 | 29 | 4 |
| 85° | 2 | 2 | 6 | 8 | 12 | 1 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1314932
 CATALOG NUMBER: LDSQA3D20R259730D010 3LSQCA45R 1MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| 2.5° | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 93.9 | 93.9 | 95.4 | 93.9 | 93.9 |
| 5° | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 98.4 | 98.4 | 95.4 |
| 7.5° | 101.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 98.4 | 93.9 |
| 10° | 98.4 | 98.4 | 98.4 | 98.4 | 96.9 | 96.9 | 96.9 | 95.4 | 95.4 | 95.4 | 89.4 |
| 12.5° | 98.4 | 98.4 | 98.4 | 98.4 | 96.9 | 96.9 | 95.4 | 95.4 | 93.9 | 92.4 | 81.8 |
| 15° | 107.5 | 107.5 | 107.5 | 106.0 | 104.5 | 103.0 | 101.5 | 100.0 | 98.4 | 95.4 | 75.7 |
| 17.5° | 157.5 | 153.0 | 151.4 | 145.4 | 137.8 | 130.2 | 124.2 | 118.1 | 112.1 | 107.5 | 72.7 |
| 20° | 369.5 | 368.0 | 360.4 | 342.3 | 322.6 | 299.9 | 277.1 | 251.4 | 215.1 | 190.8 | 72.7 |
| 22.5° | 640.6 | 631.5 | 617.9 | 604.3 | 569.4 | 528.5 | 486.1 | 437.7 | 390.7 | 340.7 | 77.2 |
| 25° | 1025.3 | 1046.5 | 1001.0 | 964.7 | 904.1 | 829.9 | 749.6 | 683.0 | 598.2 | 519.5 | 89.4 |
| 27.5° | 1782.5 | 1796.1 | 1706.8 | 1588.6 | 1447.8 | 1291.8 | 1140.4 | 1026.8 | 884.4 | 754.2 | 112.1 |
| 30° | 3125.8 | 3139.4 | 2989.5 | 2738.1 | 2447.3 | 2191.4 | 1844.6 | 1540.2 | 1260.0 | 1043.4 | 131.8 |
| 31° | 3901.2 | 3795.2 | 3621.0 | 3377.2 | 3009.2 | 2623.0 | 2206.5 | 1838.5 | 1484.2 | 1199.4 | 137.8 |
| 32° | 4575.1 | 4566.0 | 4363.1 | 3993.6 | 3624.1 | 3147.0 | 2630.6 | 2150.5 | 1715.9 | 1356.9 | 142.4 |
| 33° | 5370.2 | 5309.6 | 5023.4 | 4675.1 | 4185.9 | 3705.8 | 3039.5 | 2491.3 | 1953.6 | 1532.6 | 145.4 |
| 34° | 6007.8 | 5844.2 | 5726.1 | 5327.8 | 4811.4 | 4199.5 | 3486.2 | 2851.7 | 2250.5 | 1702.2 | 146.9 |
| 35° | 6475.7 | 6440.9 | 6210.7 | 5839.7 | 5314.2 | 4688.7 | 3967.8 | 3225.8 | 2498.8 | 1899.1 | 146.9 |
| 36° | 6971.0 | 6863.4 | 6639.3 | 6303.1 | 5791.2 | 5144.6 | 4335.8 | 3549.8 | 2788.1 | 2076.3 | 145.4 |
| 37° | 7281.4 | 7217.8 | 6995.2 | 6648.4 | 6147.1 | 5529.2 | 4747.8 | 3892.1 | 3018.3 | 2253.5 | 142.4 |
| 38° | 7601.0 | 7472.2 | 7252.7 | 6921.0 | 6428.8 | 5848.8 | 5046.1 | 4155.6 | 3230.3 | 2409.5 | 137.8 |
| 39° | 7822.1 | 7688.8 | 7464.7 | 7134.5 | 6652.9 | 6077.4 | 5282.4 | 4379.8 | 3415.1 | 2526.1 | 131.8 |
| 40° | 7988.7 | 7859.9 | 7632.8 | 7293.5 | 6818.0 | 6257.7 | 5479.2 | 4578.2 | 3569.5 | 2627.6 | 124.2 |
| 41° | 8091.7 | 7972.0 | 7746.4 | 7408.6 | 6931.6 | 6360.6 | 5608.0 | 4706.9 | 3674.0 | 2695.7 | 116.6 |
| 42° | 8178.0 | 8055.3 | 7825.1 | 7479.8 | 7001.3 | 6448.5 | 5686.7 | 4788.7 | 3745.2 | 2730.5 | 110.6 |
| 43° | 8226.4 | 8103.8 | 7879.6 | 7526.8 | 7043.7 | 6489.4 | 5729.1 | 4826.5 | 3769.4 | 2726.0 | 100.0 |
| 44° | 8253.7 | 8126.5 | 7900.8 | 7548.0 | 7061.8 | 6500.0 | 5732.2 | 4818.9 | 3752.8 | 2689.6 | 90.9 |
| 45° | 8223.4 | 8097.7 | 7879.6 | 7526.8 | 7030.0 | 6466.7 | 5701.9 | 4778.1 | 3689.2 | 2618.5 | 80.3 |
| 46° | 8026.5 | 7929.6 | 7729.7 | 7405.6 | 6930.1 | 6381.8 | 5624.6 | 4699.3 | 3590.7 | 2530.6 | 68.1 |
| 47° | 7679.7 | 7602.5 | 7408.6 | 7167.8 | 6737.7 | 6225.9 | 5482.3 | 4549.4 | 3452.9 | 2398.9 | 54.5 |
| 48° | 7317.8 | 7204.2 | 7024.0 | 6777.1 | 6413.7 | 5945.7 | 5247.5 | 4329.8 | 3243.9 | 2226.2 | 48.5 |
| 49° | 6783.2 | 6716.5 | 6557.5 | 6281.9 | 5980.5 | 5568.6 | 4915.9 | 4048.1 | 2988.0 | 2038.4 | 42.4 |
| 50° | 6292.5 | 6247.1 | 6024.4 | 5821.5 | 5502.0 | 5117.3 | 4466.1 | 3677.1 | 2670.0 | 1805.2 | 37.9 |
| 51° | 5909.3 | 5854.8 | 5694.3 | 5441.4 | 5100.6 | 4653.9 | 4040.5 | 3195.5 | 2305.0 | 1528.1 | 30.3 |
| 52° | 5509.5 | 5479.2 | 5336.9 | 5076.4 | 4741.7 | 4296.5 | 3627.1 | 2786.6 | 1950.6 | 1291.8 | 24.2 |
| 53° | 5182.4 | 5138.5 | 4964.3 | 4732.6 | 4370.7 | 3910.3 | 3178.8 | 2406.4 | 1652.3 | 1085.9 | 21.2 |
| 54° | 4705.4 | 4687.2 | 4575.1 | 4332.8 | 3940.6 | 3439.3 | 2772.9 | 2026.3 | 1378.1 | 920.8 | 18.2 |
| 55° | 4198.0 | 4137.4 | 4023.9 | 3831.5 | 3471.1 | 3003.1 | 2303.5 | 1679.5 | 1114.6 | 775.4 | 13.6 |
| 56° | 3580.1 | 3577.1 | 3374.2 | 3213.6 | 2894.1 | 2397.4 | 1840.0 | 1311.5 | 905.6 | 646.7 | 12.1 |
| 57° | 2989.5 | 2894.1 | 2698.7 | 2539.7 | 2195.9 | 1818.8 | 1366.0 | 982.9 | 708.8 | 524.0 | 9.1 |
| 58° | 2211.1 | 2161.1 | 2109.6 | 1876.4 | 1558.4 | 1288.8 | 975.3 | 690.6 | 524.0 | 399.8 | 6.1 |
| 59° | 1500.8 | 1499.3 | 1438.7 | 1261.5 | 1078.3 | 802.7 | 608.8 | 469.5 | 360.4 | 293.8 | 4.5 |
| 60° | 1132.8 | 1105.5 | 984.4 | 867.8 | 678.5 | 507.3 | 360.4 | 277.1 | 224.1 | 189.3 | 3.0 |
| 62.5° | 396.8 | 411.9 | 362.0 | 299.9 | 228.7 | 187.8 | 143.9 | 116.6 | 95.4 | 77.2 | 0.0 |
| 65° | 81.8 | 89.4 | 77.2 | 72.7 | 57.5 | 50.0 | 43.9 | 37.9 | 31.8 | 27.3 | 0.0 |



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CATALOG NUMBER: LDSQA3D20R259730D010 3LSQCA45R 1MW

CANDELA DISTRIBUTION (continued):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|------|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 10.6 | 9.1 | 9.1 | 9.1 | 7.6 | 7.6 | 7.6 | 7.6 | 6.1 | 6.1 | 1.5 |
| 70° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 |
| 72.5° | 4.5 | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 |
| 75° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 |
| 77.5° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 80° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 82.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 |
| 85° | 1.5 | 1.5 | 1.5 | 0.0 | 0.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 |
| 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: P1314932
 CATALOG NUMBER: LDSQA3D20R259730D010 3LSQCA45R 1MW

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0° | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| 2.5° | 92.4 | 89.4 | 84.8 | 83.3 | 81.8 | 81.8 |
| 5° | 90.9 | 84.8 | 80.3 | 75.7 | 74.2 | 74.2 |
| 7.5° | 86.3 | 78.8 | 72.7 | 69.7 | 68.1 | 66.6 |
| 10° | 81.8 | 71.2 | 65.1 | 62.1 | 62.1 | 62.1 |
| 12.5° | 72.7 | 63.6 | 57.5 | 56.0 | 57.5 | 57.5 |
| 15° | 65.1 | 54.5 | 51.5 | 51.5 | 53.0 | 54.5 |
| 17.5° | 56.0 | 48.5 | 45.4 | 46.9 | 48.5 | 50.0 |
| 20° | 50.0 | 40.9 | 40.9 | 42.4 | 46.9 | 46.9 |
| 22.5° | 43.9 | 36.3 | 36.3 | 40.9 | 43.9 | 45.4 |
| 25° | 39.4 | 31.8 | 33.3 | 37.9 | 42.4 | 43.9 |
| 27.5° | 33.3 | 27.3 | 30.3 | 36.3 | 40.9 | 42.4 |
| 30° | 28.8 | 24.2 | 28.8 | 34.8 | 39.4 | 42.4 |
| 31° | 27.3 | 22.7 | 28.8 | 33.3 | 39.4 | 42.4 |
| 32° | 24.2 | 22.7 | 27.3 | 33.3 | 39.4 | 40.9 |
| 33° | 22.7 | 21.2 | 27.3 | 33.3 | 39.4 | 40.9 |
| 34° | 21.2 | 19.7 | 25.7 | 33.3 | 39.4 | 40.9 |
| 35° | 18.2 | 19.7 | 25.7 | 31.8 | 37.9 | 40.9 |
| 36° | 16.7 | 18.2 | 25.7 | 31.8 | 37.9 | 40.9 |
| 37° | 15.1 | 18.2 | 24.2 | 31.8 | 37.9 | 40.9 |
| 38° | 13.6 | 16.7 | 24.2 | 31.8 | 37.9 | 40.9 |
| 39° | 12.1 | 16.7 | 22.7 | 31.8 | 37.9 | 40.9 |
| 40° | 10.6 | 15.1 | 22.7 | 30.3 | 37.9 | 40.9 |
| 41° | 10.6 | 15.1 | 22.7 | 30.3 | 37.9 | 40.9 |
| 42° | 9.1 | 15.1 | 22.7 | 30.3 | 37.9 | 40.9 |
| 43° | 7.6 | 13.6 | 22.7 | 30.3 | 37.9 | 40.9 |
| 44° | 6.1 | 13.6 | 21.2 | 30.3 | 37.9 | 40.9 |
| 45° | 6.1 | 13.6 | 21.2 | 30.3 | 37.9 | 40.9 |
| 46° | 4.5 | 12.1 | 21.2 | 30.3 | 37.9 | 40.9 |
| 47° | 3.0 | 12.1 | 21.2 | 28.8 | 37.9 | 40.9 |
| 48° | 3.0 | 12.1 | 21.2 | 28.8 | 37.9 | 40.9 |
| 49° | 3.0 | 12.1 | 19.7 | 28.8 | 37.9 | 40.9 |
| 50° | 3.0 | 12.1 | 19.7 | 28.8 | 37.9 | 40.9 |
| 51° | 1.5 | 10.6 | 19.7 | 28.8 | 37.9 | 40.9 |
| 52° | 1.5 | 10.6 | 19.7 | 28.8 | 37.9 | 42.4 |
| 53° | 1.5 | 10.6 | 19.7 | 28.8 | 37.9 | 40.9 |
| 54° | 1.5 | 10.6 | 18.2 | 28.8 | 37.9 | 40.9 |
| 55° | 1.5 | 10.6 | 18.2 | 28.8 | 37.9 | 40.9 |
| 56° | 1.5 | 9.1 | 18.2 | 27.3 | 37.9 | 40.9 |
| 57° | 3.0 | 9.1 | 18.2 | 27.3 | 37.9 | 39.4 |
| 58° | 3.0 | 9.1 | 18.2 | 27.3 | 36.3 | 39.4 |
| 59° | 3.0 | 9.1 | 18.2 | 27.3 | 36.3 | 39.4 |
| 60° | 3.0 | 9.1 | 16.7 | 27.3 | 36.3 | 39.4 |
| 62.5° | 3.0 | 9.1 | 16.7 | 25.7 | 34.8 | 37.9 |
| 65° | 3.0 | 9.1 | 15.1 | 24.2 | 34.8 | 36.3 |



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CATALOG NUMBER: LDSQA3D20R259730D010 3LSQCA45R 1MW

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 3.0 | 7.6 | 15.1 | 22.7 | 33.3 | 34.8 |
| 70° | 4.5 | 7.6 | 13.6 | 22.7 | 31.8 | 33.3 |
| 72.5° | 4.5 | 7.6 | 13.6 | 19.7 | 28.8 | 31.8 |
| 75° | 4.5 | 7.6 | 12.1 | 18.2 | 27.3 | 28.8 |
| 77.5° | 4.5 | 7.6 | 10.6 | 16.7 | 24.2 | 25.7 |
| 80° | 6.1 | 7.6 | 9.1 | 13.6 | 21.2 | 22.7 |
| 82.5° | 6.1 | 7.6 | 7.6 | 10.6 | 16.7 | 18.2 |
| 85° | 4.5 | 6.1 | 6.1 | 7.6 | 10.6 | 12.1 |
| 87.5° | 4.5 | 6.1 | 4.5 | 3.0 | 6.1 | 6.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)