

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: P1311617

Luminaire Tested: LDSQA3D17R259040DE010 3LSQCA45R 1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311617
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: LDSQA3D17R259040DE010 3LSQCA45R 1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , 3LSQCA45R 1MB TRIM
Light Source: -
Ballast/Driver: -

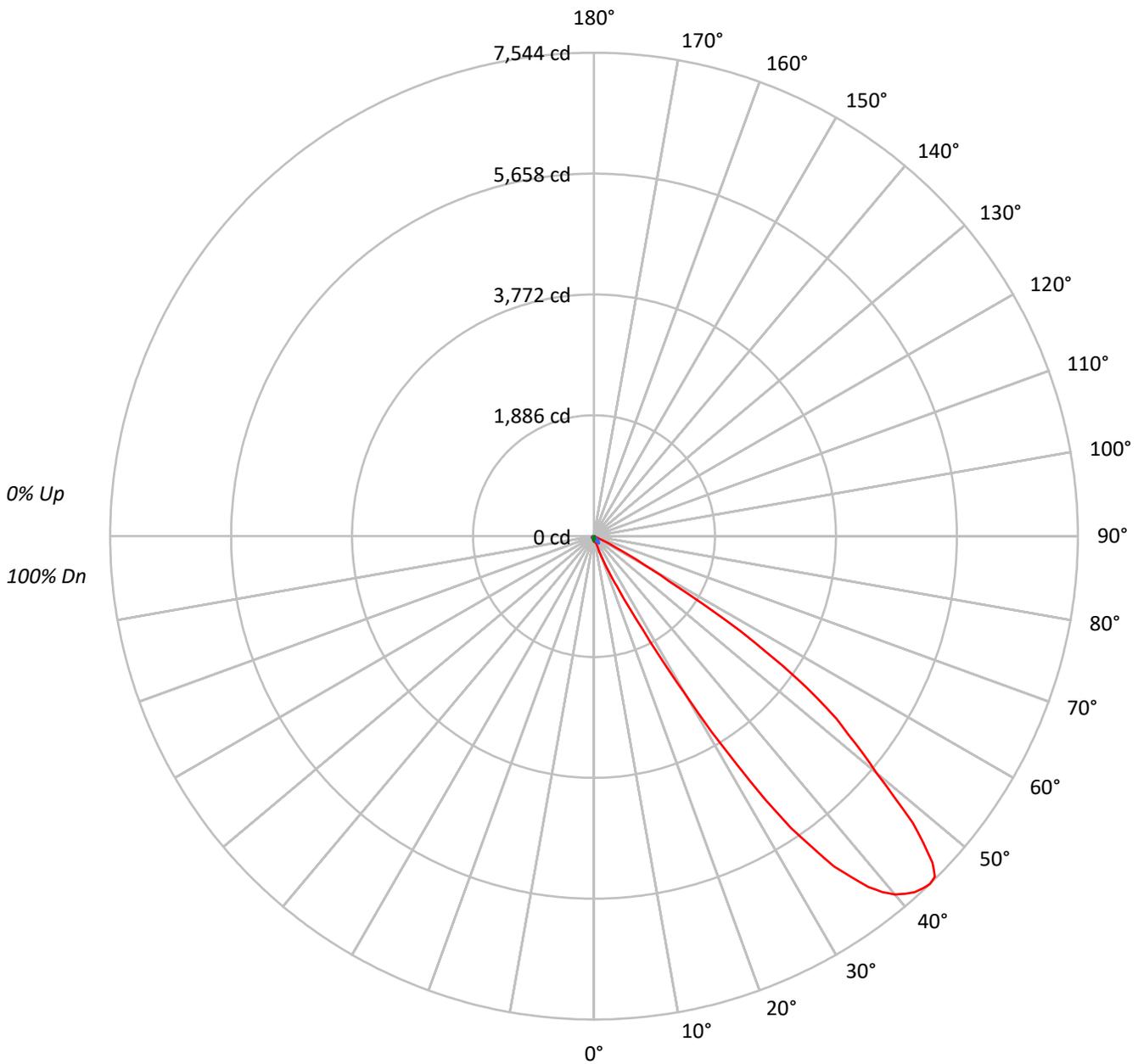
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1573.0 lumens
Efficiency: N/A
Efficacy: 74.2 lumens/watt
Spacing Criteria (0/90/45): 3.65 / 0.6 / 1.37
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1311617
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Luminous Intensity Polar Plot



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



TEST NUMBER: P1311617

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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° | 13829 | 13829 | 13829 | 13829 | 13829 |
| 5° | 15801 | 15075 | 13398 | 11963 | 11721 |
| 10° | 15739 | 14288 | 11385 | 9933 | 9933 |
| 15° | 17527 | 12338 | 8879 | 8398 | 8879 |
| 20° | 61892 | 12169 | 6855 | 7111 | 7863 |
| 25° | 178074 | 15525 | 5530 | 6575 | 7620 |
| 30° | 568159 | 23943 | 4395 | 6324 | 7716 |
| 35° | 1244419 | 28236 | 3784 | 6118 | 7863 |
| 40° | 1641573 | 25517 | 3103 | 6228 | 8408 |
| 45° | 1830643 | 17877 | 3044 | 6747 | 9109 |
| 50° | 1540978 | 9270 | 2974 | 7047 | 10021 |
| 55° | 1152102 | 3753 | 2913 | 7897 | 11230 |
| 60° | 356639 | 964 | 2859 | 8577 | 12400 |
| 65° | 30441 | 0 | 3382 | 9006 | 13529 |
| 70° | 2115 | 705 | 3474 | 10474 | 15358 |
| 75° | 1863 | 932 | 4591 | 11046 | 17500 |
| 80° | 1389 | 1389 | 6843 | 12397 | 20629 |
| 85° | 2766 | 2766 | 10868 | 13635 | 21934 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1830643 cd/sqm



TEST NUMBER: P1311617

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 7.2 | 0.5 |
| 10°-20° | 18.5 | 1.2 |
| 20°-30° | 87.0 | 5.5 |
| 30°-40° | 419.0 | 26.6 |
| 40°-50° | 656.8 | 41.8 |
| 50°-60° | 336.7 | 21.4 |
| 60°-70° | 31.8 | 2.0 |
| 70°-80° | 10.7 | 0.7 |
| 80°-90° | 5.4 | 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° | 112.8 | 7.2 |
| 0°-40° | 531.8 | 33.8 |
| 0°-60° | 1525.2 | 97.0 |
| 0°-90° | 1573.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1573.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 80 | 80 | 80 | 80 | 80 | |
| 5° | 91 | 87 | 78 | 69 | 68 | 9 |
| 15° | 98 | 69 | 50 | 47 | 50 | 41 |
| 25° | 937 | 82 | 29 | 35 | 40 | 581 |
| 35° | 5919 | 134 | 18 | 29 | 37 | 3593 |
| 45° | 7516 | 73 | 12 | 28 | 37 | 5500 |
| 55° | 3837 | 12 | 10 | 26 | 37 | 3194 |
| 65° | 75 | 0 | 8 | 22 | 33 | 234 |
| 75° | 3 | 1 | 7 | 17 | 26 | 3 |
| 85° | 1 | 1 | 6 | 7 | 11 | 1 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1311617
 CATALOG NUMBER: LDSQA3D17R259040DE010 3LSQCA45R 1MB

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| 2.5° | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 85.8 | 85.8 | 87.2 | 85.8 | 85.8 |
| 5° | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 90.0 | 90.0 | 90.0 | 87.2 |
| 7.5° | 92.7 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 90.0 | 90.0 | 85.8 |
| 10° | 90.0 | 90.0 | 90.0 | 90.0 | 88.6 | 88.6 | 88.6 | 87.2 | 87.2 | 87.2 | 81.7 |
| 12.5° | 90.0 | 90.0 | 90.0 | 90.0 | 88.6 | 88.6 | 87.2 | 87.2 | 85.8 | 84.4 | 74.7 |
| 15° | 98.3 | 98.3 | 98.3 | 96.9 | 95.5 | 94.1 | 92.7 | 91.4 | 90.0 | 87.2 | 69.2 |
| 17.5° | 144.0 | 139.8 | 138.4 | 132.9 | 126.0 | 119.0 | 113.5 | 108.0 | 102.4 | 98.3 | 66.4 |
| 20° | 337.7 | 336.4 | 329.4 | 312.8 | 294.8 | 274.1 | 253.3 | 229.8 | 196.6 | 174.4 | 66.4 |
| 22.5° | 585.5 | 577.2 | 564.8 | 552.3 | 520.5 | 483.1 | 444.3 | 400.0 | 357.1 | 311.4 | 70.6 |
| 25° | 937.1 | 956.5 | 915.0 | 881.7 | 826.4 | 758.5 | 685.2 | 624.3 | 546.8 | 474.8 | 81.7 |
| 27.5° | 1629.2 | 1641.7 | 1560.0 | 1452.0 | 1323.3 | 1180.7 | 1042.3 | 938.5 | 808.4 | 689.3 | 102.4 |
| 30° | 2857.0 | 2869.5 | 2732.4 | 2502.6 | 2236.9 | 2002.9 | 1686.0 | 1407.7 | 1151.7 | 953.7 | 120.4 |
| 31° | 3565.7 | 3468.8 | 3309.6 | 3086.8 | 2750.4 | 2397.4 | 2016.8 | 1680.4 | 1356.5 | 1096.3 | 126.0 |
| 32° | 4181.7 | 4173.4 | 3987.9 | 3650.1 | 3312.4 | 2876.4 | 2404.4 | 1965.6 | 1568.3 | 1240.2 | 130.1 |
| 33° | 4908.4 | 4853.0 | 4591.4 | 4273.0 | 3825.9 | 3387.1 | 2778.1 | 2277.0 | 1785.6 | 1400.8 | 132.9 |
| 34° | 5491.1 | 5341.6 | 5233.7 | 4869.6 | 4397.6 | 3838.4 | 3186.4 | 2606.5 | 2056.9 | 1555.8 | 134.3 |
| 35° | 5918.9 | 5887.0 | 5676.6 | 5337.5 | 4857.2 | 4285.5 | 3626.6 | 2948.4 | 2283.9 | 1735.8 | 134.3 |
| 36° | 6371.5 | 6273.2 | 6068.3 | 5761.1 | 5293.2 | 4702.1 | 3963.0 | 3244.6 | 2548.3 | 1897.7 | 132.9 |
| 37° | 6655.2 | 6597.1 | 6393.6 | 6076.7 | 5618.5 | 5053.7 | 4339.5 | 3557.4 | 2758.7 | 2059.7 | 130.1 |
| 38° | 6947.3 | 6829.7 | 6628.9 | 6325.8 | 5875.9 | 5345.8 | 4612.2 | 3798.3 | 2952.5 | 2202.3 | 126.0 |
| 39° | 7149.4 | 7027.6 | 6822.7 | 6521.0 | 6080.8 | 5554.8 | 4828.1 | 4003.1 | 3121.4 | 2308.9 | 120.4 |
| 40° | 7301.7 | 7184.0 | 6976.4 | 6666.3 | 6231.7 | 5719.5 | 5008.0 | 4184.4 | 3262.6 | 2401.6 | 113.5 |
| 41° | 7395.8 | 7286.4 | 7080.2 | 6771.5 | 6335.5 | 5813.7 | 5125.7 | 4302.1 | 3358.1 | 2463.9 | 106.6 |
| 42° | 7474.7 | 7362.6 | 7152.2 | 6836.6 | 6399.2 | 5893.9 | 5197.7 | 4376.8 | 3423.1 | 2495.7 | 101.0 |
| 43° | 7519.0 | 7406.9 | 7202.0 | 6879.5 | 6437.9 | 5931.3 | 5236.4 | 4411.5 | 3445.3 | 2491.6 | 91.4 |
| 44° | 7543.9 | 7427.6 | 7221.4 | 6898.9 | 6454.5 | 5941.0 | 5239.2 | 4404.5 | 3430.1 | 2458.3 | 83.1 |
| 45° | 7516.2 | 7401.3 | 7202.0 | 6879.5 | 6425.5 | 5910.5 | 5211.5 | 4367.2 | 3371.9 | 2393.3 | 73.4 |
| 46° | 7336.3 | 7247.7 | 7065.0 | 6768.8 | 6334.1 | 5833.0 | 5140.9 | 4295.2 | 3281.9 | 2313.0 | 62.3 |
| 47° | 7019.3 | 6948.7 | 6771.5 | 6551.4 | 6158.3 | 5690.5 | 5010.8 | 4158.1 | 3156.0 | 2192.6 | 49.8 |
| 48° | 6688.5 | 6584.7 | 6419.9 | 6194.3 | 5862.1 | 5434.4 | 4796.3 | 3957.4 | 2965.0 | 2034.8 | 44.3 |
| 49° | 6199.8 | 6138.9 | 5993.6 | 5741.7 | 5466.2 | 5089.7 | 4493.1 | 3700.0 | 2731.0 | 1863.1 | 38.8 |
| 50° | 5751.4 | 5709.8 | 5506.4 | 5320.9 | 5028.8 | 4677.2 | 4082.0 | 3360.8 | 2440.3 | 1650.0 | 34.6 |
| 51° | 5401.2 | 5351.3 | 5204.6 | 4973.4 | 4662.0 | 4253.7 | 3693.1 | 2920.7 | 2106.8 | 1396.7 | 27.7 |
| 52° | 5035.7 | 5008.0 | 4877.9 | 4639.8 | 4333.9 | 3927.0 | 3315.2 | 2546.9 | 1782.9 | 1180.7 | 22.1 |
| 53° | 4736.7 | 4696.6 | 4537.4 | 4325.6 | 3994.8 | 3574.0 | 2905.4 | 2199.5 | 1510.2 | 992.5 | 19.4 |
| 54° | 4300.7 | 4284.1 | 4181.7 | 3960.2 | 3601.7 | 3143.5 | 2534.5 | 1852.1 | 1259.6 | 841.6 | 16.6 |
| 55° | 3837.0 | 3781.6 | 3677.8 | 3502.0 | 3172.6 | 2744.9 | 2105.4 | 1535.1 | 1018.8 | 708.7 | 12.5 |
| 56° | 3272.3 | 3269.5 | 3084.0 | 2937.3 | 2645.2 | 2191.2 | 1681.8 | 1198.7 | 827.8 | 591.1 | 11.1 |
| 57° | 2732.4 | 2645.2 | 2466.6 | 2321.3 | 2007.1 | 1662.4 | 1248.6 | 898.3 | 647.8 | 478.9 | 8.3 |
| 58° | 2020.9 | 1975.3 | 1928.2 | 1715.0 | 1424.3 | 1178.0 | 891.4 | 631.2 | 478.9 | 365.4 | 5.5 |
| 59° | 1371.7 | 1370.4 | 1315.0 | 1153.0 | 985.6 | 733.6 | 556.4 | 429.1 | 329.4 | 268.5 | 4.2 |
| 60° | 1035.4 | 1010.5 | 899.7 | 793.1 | 620.1 | 463.7 | 329.4 | 253.3 | 204.9 | 173.0 | 2.8 |
| 62.5° | 362.7 | 376.5 | 330.8 | 274.1 | 209.0 | 171.6 | 131.5 | 106.6 | 87.2 | 70.6 | 0.0 |
| 65° | 74.7 | 81.7 | 70.6 | 66.4 | 52.6 | 45.7 | 40.1 | 34.6 | 29.1 | 24.9 | 0.0 |



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CATALOG NUMBER: LDSQA3D17R259040DE010 3LSQCA45R 1MB

CANDELA DISTRIBUTION (continued):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 9.7 | 8.3 | 8.3 | 8.3 | 6.9 | 6.9 | 6.9 | 6.9 | 5.5 | 5.5 | 1.4 |
| 70° | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 2.8 | 2.8 | 2.8 | 2.8 | 1.4 |
| 72.5° | 4.2 | 4.2 | 4.2 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 1.4 | 1.4 |
| 75° | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 |
| 77.5° | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 80° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 82.5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 |
| 85° | 1.4 | 1.4 | 1.4 | 0.0 | 0.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 |
| 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: P1311617

CATALOG NUMBER: LDSQA3D17R259040DE010 3LSQCA45R 1MB

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0° | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| 2.5° | 84.4 | 81.7 | 77.5 | 76.1 | 74.7 | 74.7 |
| 5° | 83.1 | 77.5 | 73.4 | 69.2 | 67.8 | 67.8 |
| 7.5° | 78.9 | 72.0 | 66.4 | 63.7 | 62.3 | 60.9 |
| 10° | 74.7 | 65.1 | 59.5 | 56.8 | 56.8 | 56.8 |
| 12.5° | 66.4 | 58.1 | 52.6 | 51.2 | 52.6 | 52.6 |
| 15° | 59.5 | 49.8 | 47.1 | 47.1 | 48.4 | 49.8 |
| 17.5° | 51.2 | 44.3 | 41.5 | 42.9 | 44.3 | 45.7 |
| 20° | 45.7 | 37.4 | 37.4 | 38.8 | 42.9 | 42.9 |
| 22.5° | 40.1 | 33.2 | 33.2 | 37.4 | 40.1 | 41.5 |
| 25° | 36.0 | 29.1 | 30.5 | 34.6 | 38.8 | 40.1 |
| 27.5° | 30.5 | 24.9 | 27.7 | 33.2 | 37.4 | 38.8 |
| 30° | 26.3 | 22.1 | 26.3 | 31.8 | 36.0 | 38.8 |
| 31° | 24.9 | 20.8 | 26.3 | 30.5 | 36.0 | 38.8 |
| 32° | 22.1 | 20.8 | 24.9 | 30.5 | 36.0 | 37.4 |
| 33° | 20.8 | 19.4 | 24.9 | 30.5 | 36.0 | 37.4 |
| 34° | 19.4 | 18.0 | 23.5 | 30.5 | 36.0 | 37.4 |
| 35° | 16.6 | 18.0 | 23.5 | 29.1 | 34.6 | 37.4 |
| 36° | 15.2 | 16.6 | 23.5 | 29.1 | 34.6 | 37.4 |
| 37° | 13.8 | 16.6 | 22.1 | 29.1 | 34.6 | 37.4 |
| 38° | 12.5 | 15.2 | 22.1 | 29.1 | 34.6 | 37.4 |
| 39° | 11.1 | 15.2 | 20.8 | 29.1 | 34.6 | 37.4 |
| 40° | 9.7 | 13.8 | 20.8 | 27.7 | 34.6 | 37.4 |
| 41° | 9.7 | 13.8 | 20.8 | 27.7 | 34.6 | 37.4 |
| 42° | 8.3 | 13.8 | 20.8 | 27.7 | 34.6 | 37.4 |
| 43° | 6.9 | 12.5 | 20.8 | 27.7 | 34.6 | 37.4 |
| 44° | 5.5 | 12.5 | 19.4 | 27.7 | 34.6 | 37.4 |
| 45° | 5.5 | 12.5 | 19.4 | 27.7 | 34.6 | 37.4 |
| 46° | 4.2 | 11.1 | 19.4 | 27.7 | 34.6 | 37.4 |
| 47° | 2.8 | 11.1 | 19.4 | 26.3 | 34.6 | 37.4 |
| 48° | 2.8 | 11.1 | 19.4 | 26.3 | 34.6 | 37.4 |
| 49° | 2.8 | 11.1 | 18.0 | 26.3 | 34.6 | 37.4 |
| 50° | 2.8 | 11.1 | 18.0 | 26.3 | 34.6 | 37.4 |
| 51° | 1.4 | 9.7 | 18.0 | 26.3 | 34.6 | 37.4 |
| 52° | 1.4 | 9.7 | 18.0 | 26.3 | 34.6 | 38.8 |
| 53° | 1.4 | 9.7 | 18.0 | 26.3 | 34.6 | 37.4 |
| 54° | 1.4 | 9.7 | 16.6 | 26.3 | 34.6 | 37.4 |
| 55° | 1.4 | 9.7 | 16.6 | 26.3 | 34.6 | 37.4 |
| 56° | 1.4 | 8.3 | 16.6 | 24.9 | 34.6 | 37.4 |
| 57° | 2.8 | 8.3 | 16.6 | 24.9 | 34.6 | 36.0 |
| 58° | 2.8 | 8.3 | 16.6 | 24.9 | 33.2 | 36.0 |
| 59° | 2.8 | 8.3 | 16.6 | 24.9 | 33.2 | 36.0 |
| 60° | 2.8 | 8.3 | 15.2 | 24.9 | 33.2 | 36.0 |
| 62.5° | 2.8 | 8.3 | 15.2 | 23.5 | 31.8 | 34.6 |
| 65° | 2.8 | 8.3 | 13.8 | 22.1 | 31.8 | 33.2 |



TEST NUMBER: P1311617

CATALOG NUMBER: LDSQA3D17R259040DE010 3LSQCA45R 1MB

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 2.8 | 6.9 | 13.8 | 20.8 | 30.5 | 31.8 |
| 70° | 4.2 | 6.9 | 12.5 | 20.8 | 29.1 | 30.5 |
| 72.5° | 4.2 | 6.9 | 12.5 | 18.0 | 26.3 | 29.1 |
| 75° | 4.2 | 6.9 | 11.1 | 16.6 | 24.9 | 26.3 |
| 77.5° | 4.2 | 6.9 | 9.7 | 15.2 | 22.1 | 23.5 |
| 80° | 5.5 | 6.9 | 8.3 | 12.5 | 19.4 | 20.8 |
| 82.5° | 5.5 | 6.9 | 6.9 | 9.7 | 15.2 | 16.6 |
| 85° | 4.2 | 5.5 | 5.5 | 6.9 | 9.7 | 11.1 |
| 87.5° | 4.2 | 5.5 | 4.2 | 2.8 | 5.5 | 5.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)