

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: P1312523

Luminaire Tested: LDSQA3D13R209050DE010 3LSQCA45R 1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312523
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: LDSQA3D13R209050DE010 3LSQCA45R 1MMS
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , 3LSQCA45R 1MMS TRII
Light Source: -
Ballast/Driver: -

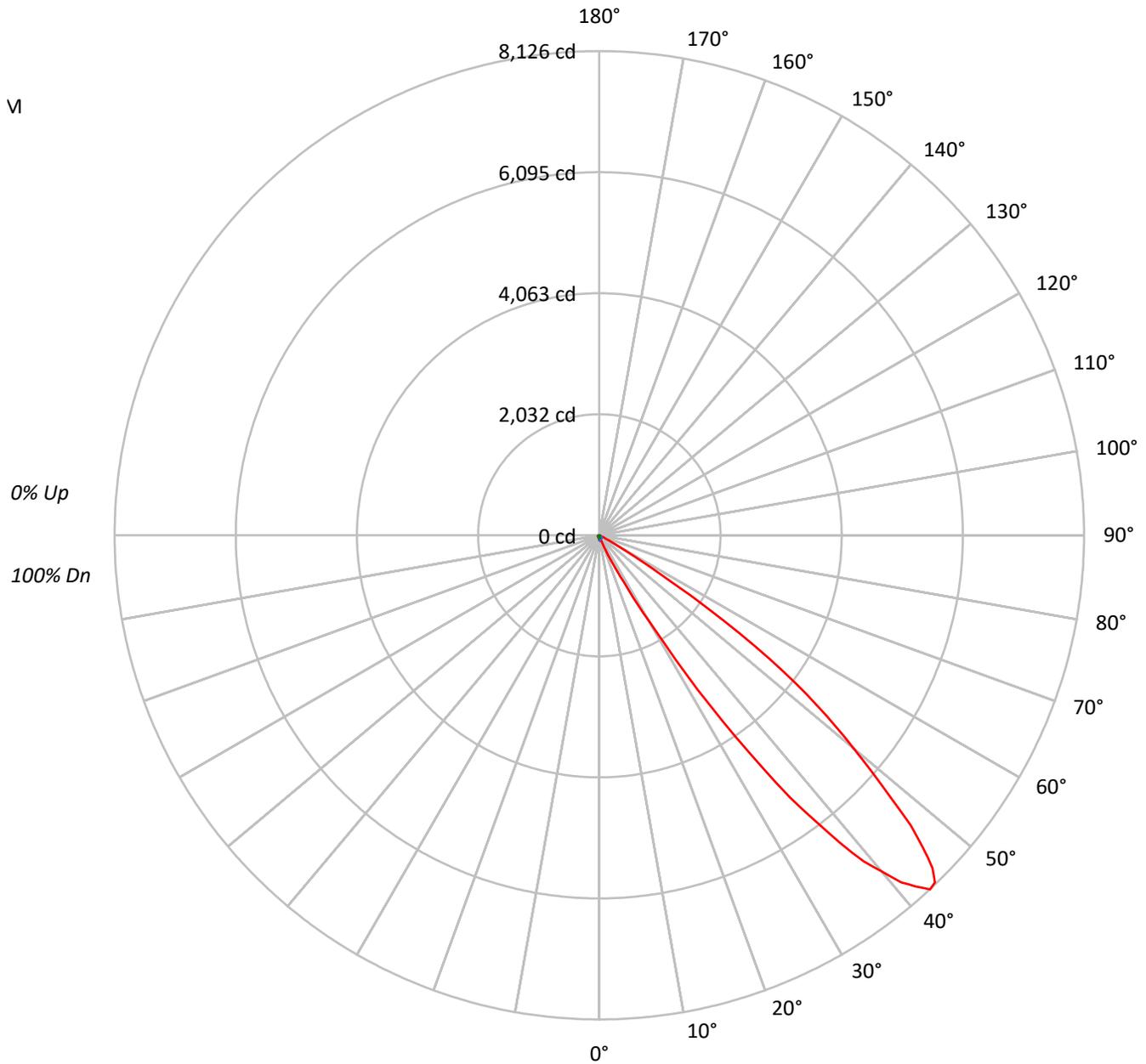
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1129.0 lumens
Efficiency: N/A
Efficacy: 77.3 lumens/watt
Spacing Criteria (0/90/45): 3.39 / 0.51 / 1.13
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1312523
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Luminous Intensity Polar Plot



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



TEST NUMBER: P1312523

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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 | 100 | 100 | 100 | 100 |
| 1 | 110 | 106 | 102 | 99 | 108 | 104 | 101 | 97 | 100 | 97 | 94 | 96 | 94 | 92 | 92 | 91 | 89 | 87 | 87 | 87 | 87 |
| 2 | 101 | 93 | 87 | 82 | 98 | 91 | 86 | 81 | 88 | 83 | 79 | 85 | 81 | 77 | 82 | 78 | 75 | 73 | 73 | 73 | 73 |
| 3 | 92 | 81 | 74 | 67 | 89 | 80 | 73 | 67 | 77 | 71 | 66 | 74 | 69 | 65 | 72 | 67 | 63 | 61 | 61 | 61 | 61 |
| 4 | 83 | 71 | 62 | 56 | 81 | 70 | 62 | 55 | 67 | 60 | 55 | 65 | 59 | 54 | 63 | 58 | 53 | 51 | 51 | 51 | 51 |
| 5 | 75 | 62 | 53 | 46 | 73 | 61 | 53 | 46 | 59 | 51 | 46 | 57 | 50 | 45 | 55 | 49 | 45 | 42 | 42 | 42 | 42 |
| 6 | 68 | 55 | 45 | 39 | 66 | 54 | 45 | 38 | 52 | 44 | 38 | 50 | 43 | 38 | 48 | 42 | 37 | 35 | 35 | 35 | 35 |
| 7 | 62 | 48 | 39 | 32 | 60 | 47 | 38 | 32 | 46 | 38 | 32 | 44 | 37 | 32 | 43 | 36 | 31 | 29 | 29 | 29 | 29 |
| 8 | 57 | 42 | 33 | 27 | 55 | 42 | 33 | 27 | 40 | 33 | 27 | 39 | 32 | 27 | 38 | 31 | 27 | 25 | 25 | 25 | 25 |
| 9 | 52 | 38 | 29 | 23 | 51 | 37 | 29 | 23 | 36 | 28 | 23 | 35 | 28 | 23 | 34 | 27 | 23 | 21 | 21 | 21 | 21 |
| 10 | 48 | 34 | 25 | 20 | 47 | 33 | 25 | 20 | 32 | 25 | 19 | 31 | 24 | 19 | 30 | 24 | 19 | 17 | 17 | 17 | 17 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|---------|-------|-------|-------|-------|
| 0° | 13519 | 13519 | 13519 | 13519 | 13519 |
| 5° | 15767 | 14678 | 12655 | 11012 | 10632 |
| 10° | 15582 | 13361 | 10021 | 8534 | 8342 |
| 15° | 13622 | 10216 | 7382 | 6811 | 7185 |
| 20° | 20215 | 8559 | 5443 | 5828 | 6415 |
| 25° | 87089 | 8874 | 4238 | 5245 | 6252 |
| 30° | 329361 | 10759 | 3580 | 5071 | 6125 |
| 35° | 998454 | 12930 | 3343 | 5130 | 6476 |
| 40° | 1655669 | 12882 | 2855 | 5486 | 6924 |
| 45° | 1924413 | 8793 | 2582 | 5675 | 7502 |
| 50° | 1493849 | 4823 | 2545 | 5975 | 8520 |
| 55° | 864602 | 3183 | 2552 | 6696 | 9248 |
| 60° | 146183 | 723 | 2204 | 6958 | 10230 |
| 65° | 11247 | 0 | 2608 | 7784 | 11655 |
| 70° | 1611 | 0 | 3223 | 8560 | 13344 |
| 75° | 1397 | 732 | 3527 | 9915 | 15504 |
| 80° | 1091 | 1091 | 5256 | 10513 | 17852 |
| 85° | 2174 | 2174 | 8299 | 10473 | 18772 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1924413 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 6.7 | 0.6 |
| 10°-20° | 14.1 | 1.3 |
| 20°-30° | 45.1 | 4.0 |
| 30°-40° | 287.9 | 25.5 |
| 40°-50° | 527.0 | 46.7 |
| 50°-60° | 216.5 | 19.2 |
| 60°-70° | 18.3 | 1.6 |
| 70°-80° | 9.1 | 0.8 |
| 80°-90° | 4.3 | 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° | 66.0 | 5.8 |
| 0°-40° | 353.9 | 31.3 |
| 0°-60° | 1097.3 | 97.2 |
| 0°-90° | 1129.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1129.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 78 | 78 | 78 | 78 | 78 | |
| 5° | 91 | 85 | 73 | 64 | 62 | 9 |
| 15° | 76 | 57 | 41 | 38 | 40 | 24 |
| 25° | 458 | 47 | 22 | 28 | 33 | 301 |
| 35° | 4749 | 62 | 16 | 24 | 31 | 3006 |
| 45° | 7901 | 36 | 11 | 23 | 31 | 5673 |
| 55° | 2880 | 11 | 8 | 22 | 31 | 2517 |
| 65° | 28 | 0 | 6 | 19 | 29 | 90 |
| 75° | 2 | 1 | 5 | 15 | 23 | 3 |
| 85° | 1 | 1 | 4 | 5 | 10 | 1 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1312523
 CATALOG NUMBER: LDSQA3D13R209050DE010 3LSQCA45R 1MMS

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|
| 0° | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| 2.5° | 85.9 | 85.9 | 85.9 | 84.9 | 84.9 | 85.9 | 84.9 | 84.9 | 84.9 | 84.9 | 83.8 |
| 5° | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 90.2 | 90.2 | 89.1 | 84.9 |
| 7.5° | 93.4 | 93.4 | 93.4 | 93.4 | 92.3 | 92.3 | 92.3 | 92.3 | 91.2 | 90.2 | 82.8 |
| 10° | 89.1 | 89.1 | 89.1 | 88.1 | 88.1 | 88.1 | 87.0 | 87.0 | 85.9 | 84.9 | 76.4 |
| 12.5° | 80.6 | 80.6 | 80.6 | 80.6 | 79.6 | 79.6 | 78.5 | 78.5 | 77.5 | 76.4 | 66.8 |
| 15° | 76.4 | 76.4 | 76.4 | 75.3 | 75.3 | 74.3 | 73.2 | 72.1 | 71.1 | 69.0 | 57.3 |
| 17.5° | 82.8 | 82.8 | 81.7 | 81.7 | 79.6 | 77.5 | 76.4 | 73.2 | 71.1 | 67.9 | 50.9 |
| 20° | 110.3 | 111.4 | 107.2 | 104.0 | 101.9 | 95.5 | 92.3 | 87.0 | 82.8 | 77.5 | 46.7 |
| 22.5° | 222.8 | 218.6 | 211.1 | 199.5 | 185.7 | 174.0 | 152.8 | 135.8 | 124.1 | 108.2 | 45.6 |
| 25° | 458.3 | 454.1 | 433.9 | 417.0 | 374.5 | 341.6 | 296.0 | 258.9 | 220.7 | 183.6 | 46.7 |
| 27.5° | 871.1 | 842.4 | 837.1 | 759.7 | 700.3 | 615.4 | 527.3 | 453.0 | 385.1 | 309.8 | 49.9 |
| 30° | 1656.2 | 1623.3 | 1507.7 | 1391.0 | 1230.8 | 1049.3 | 876.4 | 715.1 | 580.4 | 458.3 | 54.1 |
| 31° | 2101.8 | 2133.7 | 1997.9 | 1763.4 | 1526.8 | 1294.4 | 1057.8 | 853.0 | 679.0 | 527.3 | 56.2 |
| 32° | 2762.8 | 2623.8 | 2480.6 | 2239.8 | 1896.0 | 1598.9 | 1301.8 | 1006.9 | 777.7 | 601.6 | 58.4 |
| 33° | 3387.8 | 3306.1 | 3087.5 | 2787.2 | 2374.5 | 1957.5 | 1572.4 | 1188.3 | 898.7 | 691.8 | 59.4 |
| 34° | 4054.1 | 3963.9 | 3786.7 | 3355.9 | 2902.9 | 2356.5 | 1842.9 | 1397.3 | 1043.0 | 779.8 | 60.5 |
| 35° | 4749.0 | 4710.8 | 4369.2 | 3995.7 | 3438.7 | 2779.8 | 2168.7 | 1626.5 | 1184.1 | 860.5 | 61.5 |
| 36° | 5448.2 | 5325.1 | 5057.8 | 4512.4 | 3931.0 | 3171.3 | 2510.3 | 1839.8 | 1327.3 | 956.0 | 61.5 |
| 37° | 5974.5 | 5946.9 | 5592.5 | 5060.9 | 4377.7 | 3589.3 | 2805.3 | 2076.4 | 1471.6 | 1037.7 | 61.5 |
| 38° | 6554.8 | 6445.5 | 6085.9 | 5544.8 | 4797.8 | 3972.4 | 3114.0 | 2282.2 | 1608.5 | 1111.9 | 60.5 |
| 39° | 7043.9 | 6881.6 | 6518.8 | 5984.0 | 5164.9 | 4263.1 | 3359.1 | 2481.7 | 1729.4 | 1173.5 | 59.4 |
| 40° | 7364.4 | 7251.9 | 6873.1 | 6271.5 | 5498.1 | 4537.9 | 3607.4 | 2646.1 | 1819.6 | 1220.1 | 57.3 |
| 41° | 7717.7 | 7530.9 | 7156.4 | 6551.6 | 5740.0 | 4779.8 | 3763.3 | 2754.3 | 1889.6 | 1250.9 | 55.2 |
| 42° | 7928.8 | 7776.0 | 7331.5 | 6739.4 | 5912.9 | 4917.7 | 3890.7 | 2837.1 | 1932.1 | 1266.8 | 50.9 |
| 43° | 8126.2 | 7918.2 | 7485.3 | 6848.7 | 6027.5 | 5015.3 | 3949.0 | 2875.3 | 1941.6 | 1266.8 | 45.6 |
| 44° | 8099.6 | 7902.3 | 7453.5 | 6863.6 | 6053.0 | 5044.0 | 3973.4 | 2876.4 | 1926.8 | 1250.9 | 40.3 |
| 45° | 7901.2 | 7704.9 | 7300.7 | 6734.1 | 5961.7 | 4987.7 | 3924.6 | 2833.9 | 1885.4 | 1223.3 | 36.1 |
| 46° | 7537.3 | 7342.1 | 7032.3 | 6517.7 | 5792.0 | 4860.4 | 3811.1 | 2741.6 | 1816.4 | 1178.8 | 31.8 |
| 47° | 7141.6 | 6951.6 | 6634.4 | 6168.6 | 5502.3 | 4633.4 | 3646.6 | 2612.2 | 1719.9 | 1114.0 | 28.6 |
| 48° | 6567.6 | 6448.7 | 6130.4 | 5732.6 | 5100.2 | 4277.9 | 3358.0 | 2401.0 | 1590.4 | 1030.2 | 24.4 |
| 49° | 6060.4 | 5935.2 | 5656.2 | 5228.6 | 4576.1 | 3864.1 | 3013.2 | 2144.3 | 1421.7 | 936.9 | 21.2 |
| 50° | 5575.5 | 5466.2 | 5208.4 | 4725.7 | 4102.9 | 3364.4 | 2547.4 | 1820.7 | 1209.5 | 821.2 | 18.0 |
| 51° | 5101.3 | 5019.6 | 4756.4 | 4312.9 | 3680.6 | 2980.3 | 2206.9 | 1516.2 | 999.5 | 681.2 | 17.0 |
| 52° | 4624.9 | 4615.3 | 4329.9 | 3881.1 | 3270.0 | 2597.3 | 1875.8 | 1279.6 | 847.7 | 571.9 | 15.9 |
| 53° | 4112.4 | 4050.9 | 3801.5 | 3398.4 | 2811.6 | 2198.4 | 1590.4 | 1079.0 | 730.0 | 487.0 | 13.8 |
| 54° | 3528.9 | 3459.9 | 3192.5 | 2828.6 | 2297.1 | 1800.5 | 1281.7 | 872.1 | 608.0 | 411.7 | 12.7 |
| 55° | 2879.5 | 2761.8 | 2567.6 | 2194.1 | 1794.1 | 1374.0 | 989.9 | 690.7 | 485.9 | 342.7 | 10.6 |
| 56° | 2184.6 | 2066.8 | 1957.5 | 1682.7 | 1316.7 | 1024.9 | 737.4 | 529.4 | 379.8 | 270.6 | 9.5 |
| 57° | 1519.3 | 1513.0 | 1333.7 | 1122.5 | 880.6 | 698.1 | 505.0 | 373.5 | 268.4 | 210.1 | 7.4 |
| 58° | 985.7 | 952.8 | 838.2 | 716.2 | 576.1 | 436.1 | 324.7 | 253.6 | 182.5 | 143.2 | 6.4 |
| 59° | 690.7 | 624.9 | 563.4 | 477.4 | 362.9 | 274.8 | 209.0 | 162.3 | 126.3 | 99.7 | 4.2 |
| 60° | 424.4 | 410.6 | 369.2 | 290.7 | 235.5 | 194.2 | 156.0 | 119.9 | 92.3 | 71.1 | 2.1 |
| 62.5° | 121.0 | 123.1 | 111.4 | 98.7 | 84.9 | 73.2 | 65.8 | 56.2 | 46.7 | 37.1 | 0.0 |
| 65° | 27.6 | 26.5 | 28.6 | 26.5 | 24.4 | 24.4 | 21.2 | 19.1 | 17.0 | 15.9 | 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° | 8.5 | 8.5 | 7.4 | 7.4 | 7.4 | 6.4 | 6.4 | 5.3 | 5.3 | 4.2 | 0.0 |
| 70° | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 2.1 | 2.1 | 2.1 | 1.1 | 1.1 | 0.0 |
| 72.5° | 3.2 | 3.2 | 3.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 1.1 | 1.1 | 1.1 |
| 75° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 77.5° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 1.1 | 2.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 80° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 82.5° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 85° | 1.1 | 1.1 | 1.1 | 1.1 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 0.0 | 1.1 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 |
| 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: P1312523

CATALOG NUMBER: LDSQA3D13R209050DE010 3LSQCA45R 1MMS

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0° | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| 2.5° | 81.7 | 77.5 | 74.3 | 71.1 | 70.0 | 70.0 |
| 5° | 79.6 | 73.2 | 66.8 | 63.7 | 61.5 | 61.5 |
| 7.5° | 73.2 | 65.8 | 59.4 | 56.2 | 55.2 | 55.2 |
| 10° | 65.8 | 57.3 | 50.9 | 48.8 | 48.8 | 47.7 |
| 12.5° | 57.3 | 48.8 | 44.6 | 43.5 | 43.5 | 43.5 |
| 15° | 47.7 | 41.4 | 38.2 | 38.2 | 39.3 | 40.3 |
| 17.5° | 40.3 | 34.0 | 32.9 | 35.0 | 37.1 | 37.1 |
| 20° | 34.0 | 29.7 | 29.7 | 31.8 | 34.0 | 35.0 |
| 22.5° | 28.6 | 25.5 | 26.5 | 29.7 | 32.9 | 34.0 |
| 25° | 25.5 | 22.3 | 24.4 | 27.6 | 30.8 | 32.9 |
| 27.5° | 21.2 | 20.2 | 22.3 | 26.5 | 30.8 | 31.8 |
| 30° | 18.0 | 18.0 | 21.2 | 25.5 | 29.7 | 30.8 |
| 31° | 17.0 | 17.0 | 21.2 | 25.5 | 29.7 | 30.8 |
| 32° | 15.9 | 17.0 | 20.2 | 25.5 | 29.7 | 30.8 |
| 33° | 14.9 | 15.9 | 20.2 | 24.4 | 29.7 | 30.8 |
| 34° | 13.8 | 15.9 | 20.2 | 24.4 | 29.7 | 30.8 |
| 35° | 12.7 | 15.9 | 20.2 | 24.4 | 29.7 | 30.8 |
| 36° | 11.7 | 14.9 | 19.1 | 24.4 | 29.7 | 30.8 |
| 37° | 10.6 | 14.9 | 19.1 | 24.4 | 29.7 | 30.8 |
| 38° | 9.5 | 13.8 | 19.1 | 24.4 | 29.7 | 30.8 |
| 39° | 9.5 | 13.8 | 18.0 | 24.4 | 28.6 | 30.8 |
| 40° | 8.5 | 12.7 | 18.0 | 24.4 | 28.6 | 30.8 |
| 41° | 7.4 | 12.7 | 18.0 | 23.3 | 28.6 | 30.8 |
| 42° | 6.4 | 11.7 | 17.0 | 23.3 | 28.6 | 30.8 |
| 43° | 5.3 | 11.7 | 17.0 | 23.3 | 28.6 | 30.8 |
| 44° | 5.3 | 10.6 | 17.0 | 23.3 | 28.6 | 30.8 |
| 45° | 4.2 | 10.6 | 17.0 | 23.3 | 28.6 | 30.8 |
| 46° | 3.2 | 10.6 | 17.0 | 23.3 | 28.6 | 30.8 |
| 47° | 3.2 | 9.5 | 15.9 | 23.3 | 28.6 | 30.8 |
| 48° | 2.1 | 9.5 | 15.9 | 23.3 | 28.6 | 30.8 |
| 49° | 2.1 | 9.5 | 15.9 | 23.3 | 28.6 | 31.8 |
| 50° | 2.1 | 9.5 | 15.9 | 22.3 | 28.6 | 31.8 |
| 51° | 1.1 | 9.5 | 15.9 | 22.3 | 28.6 | 31.8 |
| 52° | 1.1 | 9.5 | 14.9 | 22.3 | 29.7 | 31.8 |
| 53° | 1.1 | 8.5 | 14.9 | 22.3 | 29.7 | 31.8 |
| 54° | 1.1 | 8.5 | 14.9 | 22.3 | 29.7 | 30.8 |
| 55° | 1.1 | 8.5 | 14.9 | 22.3 | 28.6 | 30.8 |
| 56° | 1.1 | 7.4 | 14.9 | 22.3 | 28.6 | 30.8 |
| 57° | 1.1 | 7.4 | 13.8 | 21.2 | 28.6 | 29.7 |
| 58° | 1.1 | 7.4 | 13.8 | 21.2 | 28.6 | 29.7 |
| 59° | 1.1 | 7.4 | 13.8 | 21.2 | 27.6 | 29.7 |
| 60° | 2.1 | 6.4 | 12.7 | 20.2 | 27.6 | 29.7 |
| 62.5° | 2.1 | 6.4 | 12.7 | 20.2 | 26.5 | 28.6 |
| 65° | 2.1 | 6.4 | 11.7 | 19.1 | 26.5 | 28.6 |



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CATALOG NUMBER: LDSQA3D13R209050DE010 3LSQCA45R 1MMS

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 2.1 | 5.3 | 10.6 | 18.0 | 25.5 | 27.6 |
| 70° | 2.1 | 6.4 | 10.6 | 17.0 | 24.4 | 26.5 |
| 72.5° | 3.2 | 5.3 | 9.5 | 15.9 | 23.3 | 25.5 |
| 75° | 3.2 | 5.3 | 9.5 | 14.9 | 22.3 | 23.3 |
| 77.5° | 4.2 | 5.3 | 8.5 | 12.7 | 20.2 | 21.2 |
| 80° | 4.2 | 5.3 | 7.4 | 10.6 | 17.0 | 18.0 |
| 82.5° | 4.2 | 5.3 | 5.3 | 8.5 | 12.7 | 13.8 |
| 85° | 3.2 | 4.2 | 4.2 | 5.3 | 8.5 | 9.5 |
| 87.5° | 3.2 | 4.2 | 3.2 | 2.1 | 4.2 | 4.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)