

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: P1312066

Luminaire Tested: LDSQA3D02R259050DE010 3LSQCA45R 1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312066
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: LDSQA3D02R259050DE010 3LSQCA45R 1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , 3LSQCA45R 1MB TRIM
Light Source: -
Ballast/Driver: -

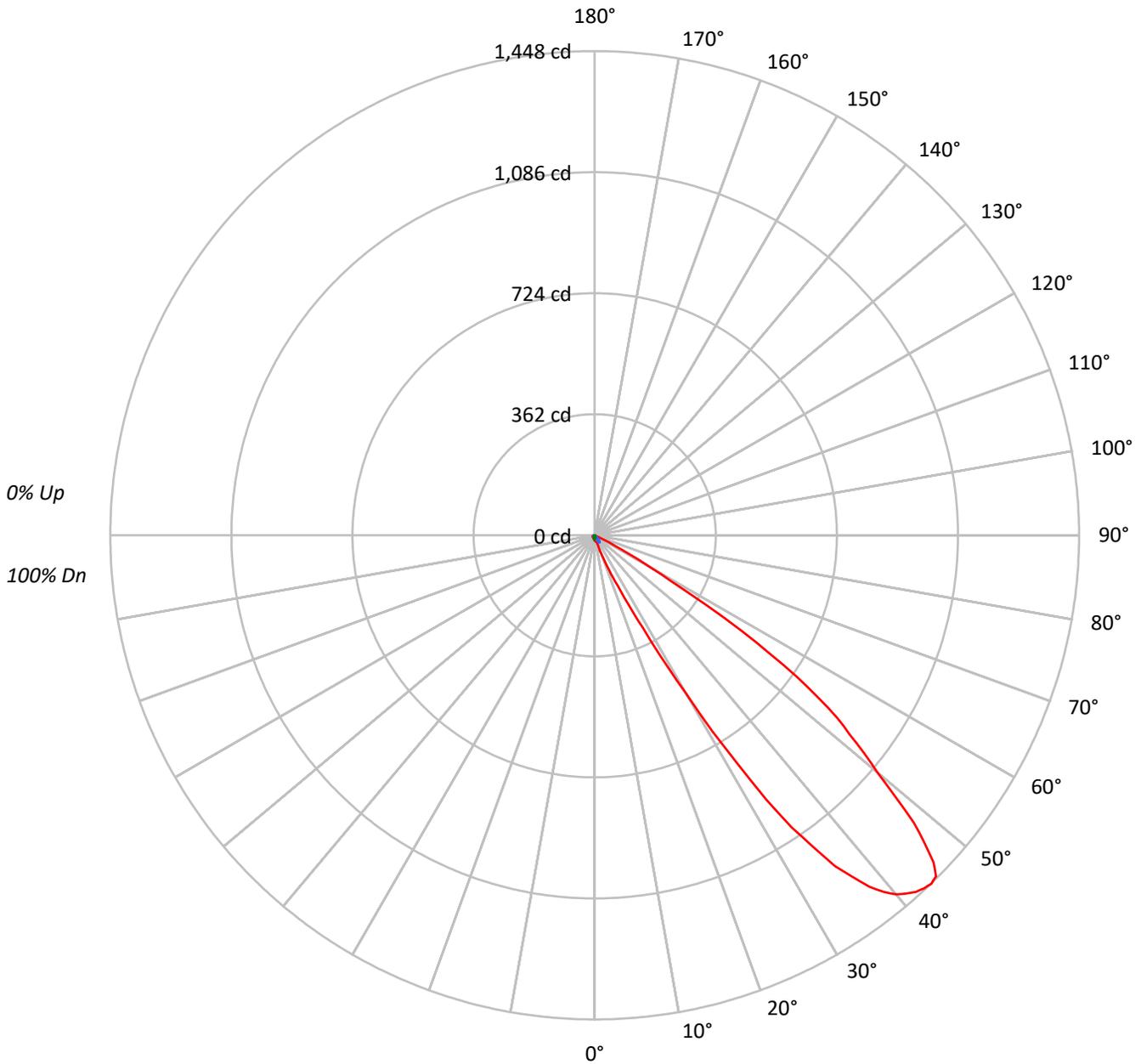
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 302.0 lumens
Efficiency: N/A
Efficacy: 83.9 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): 3.6
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: P1312066
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Luminous Intensity Polar Plot



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



TEST NUMBER: P1312066

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|--------|------|------|------|------|
| 0° | 2652 | 2652 | 2652 | 2652 | 2652 |
| 5° | 3025 | 2887 | 2576 | 2299 | 2247 |
| 10° | 3025 | 2746 | 2186 | 1906 | 1906 |
| 15° | 3370 | 2371 | 1712 | 1605 | 1712 |
| 20° | 11876 | 2346 | 1320 | 1356 | 1503 |
| 25° | 34186 | 2983 | 1064 | 1254 | 1463 |
| 30° | 109078 | 4594 | 855 | 1213 | 1472 |
| 35° | 238922 | 5424 | 736 | 1177 | 1514 |
| 40° | 315154 | 4901 | 607 | 1192 | 1619 |
| 45° | 351456 | 3434 | 585 | 1291 | 1754 |
| 50° | 295849 | 1768 | 563 | 1340 | 1929 |
| 55° | 221202 | 721 | 570 | 1501 | 2162 |
| 60° | 68476 | 172 | 551 | 1653 | 2377 |
| 65° | 5868 | 0 | 652 | 1752 | 2608 |
| 70° | 403 | 151 | 655 | 2014 | 2921 |
| 75° | 333 | 200 | 865 | 2129 | 3327 |
| 80° | 298 | 298 | 1289 | 2380 | 3967 |
| 85° | 593 | 593 | 2174 | 2569 | 4150 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 351456 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 1.4 | 0.5 |
| 10°-20° | 3.6 | 1.2 |
| 20°-30° | 16.7 | 5.5 |
| 30°-40° | 80.4 | 26.6 |
| 40°-50° | 126.1 | 41.7 |
| 50°-60° | 64.6 | 21.4 |
| 60°-70° | 6.1 | 2.0 |
| 70°-80° | 2.1 | 0.7 |
| 80°-90° | 1.0 | 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° | 21.6 | 7.2 |
| 0°-40° | 102.1 | 33.8 |
| 0°-60° | 292.8 | 97.0 |
| 0°-90° | 302.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 302.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 15 | 15 | 15 | 15 | 15 | |
| 5° | 18 | 17 | 15 | 13 | 13 | 2 |
| 15° | 19 | 13 | 10 | 9 | 10 | 8 |
| 25° | 180 | 16 | 6 | 7 | 8 | 112 |
| 35° | 1136 | 26 | 4 | 6 | 7 | 690 |
| 45° | 1443 | 14 | 2 | 5 | 7 | 1056 |
| 55° | 737 | 2 | 2 | 5 | 7 | 613 |
| 65° | 14 | 0 | 2 | 4 | 6 | 45 |
| 75° | 0 | 0 | 1 | 3 | 5 | 1 |
| 85° | 0 | 0 | 1 | 1 | 2 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1312066
 CATALOG NUMBER: LDSQA3D02R259050DE010 3LSQCA45R 1MB

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|------|
| 0° | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 |
| 2.5° | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.5 | 16.5 | 16.7 | 16.5 | 16.5 |
| 5° | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.3 | 17.3 | 17.3 | 16.7 |
| 7.5° | 17.8 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.3 | 17.3 | 16.5 |
| 10° | 17.3 | 17.3 | 17.3 | 17.3 | 17.0 | 17.0 | 17.0 | 16.7 | 16.7 | 16.7 | 15.7 |
| 12.5° | 17.3 | 17.3 | 17.3 | 17.3 | 17.0 | 17.0 | 16.7 | 16.7 | 16.5 | 16.2 | 14.4 |
| 15° | 18.9 | 18.9 | 18.9 | 18.6 | 18.3 | 18.1 | 17.8 | 17.5 | 17.3 | 16.7 | 13.3 |
| 17.5° | 27.6 | 26.8 | 26.6 | 25.5 | 24.2 | 22.9 | 21.8 | 20.7 | 19.7 | 18.9 | 12.8 |
| 20° | 64.8 | 64.6 | 63.2 | 60.1 | 56.6 | 52.6 | 48.6 | 44.1 | 37.7 | 33.5 | 12.8 |
| 22.5° | 112.4 | 110.8 | 108.4 | 106.0 | 99.9 | 92.7 | 85.3 | 76.8 | 68.6 | 59.8 | 13.6 |
| 25° | 179.9 | 183.6 | 175.7 | 169.3 | 158.7 | 145.6 | 131.5 | 119.9 | 105.0 | 91.2 | 15.7 |
| 27.5° | 312.8 | 315.2 | 299.5 | 278.8 | 254.1 | 226.7 | 200.1 | 180.2 | 155.2 | 132.3 | 19.7 |
| 30° | 548.5 | 550.9 | 524.6 | 480.5 | 429.5 | 384.5 | 323.7 | 270.3 | 221.1 | 183.1 | 23.1 |
| 31° | 684.6 | 666.0 | 635.4 | 592.6 | 528.1 | 460.3 | 387.2 | 322.6 | 260.4 | 210.5 | 24.2 |
| 32° | 802.8 | 801.2 | 765.6 | 700.8 | 635.9 | 552.2 | 461.6 | 377.4 | 301.1 | 238.1 | 25.0 |
| 33° | 942.4 | 931.7 | 881.5 | 820.4 | 734.5 | 650.3 | 533.4 | 437.2 | 342.8 | 268.9 | 25.5 |
| 34° | 1054.2 | 1025.5 | 1004.8 | 934.9 | 844.3 | 736.9 | 611.8 | 500.4 | 394.9 | 298.7 | 25.8 |
| 35° | 1136.4 | 1130.2 | 1089.9 | 1024.7 | 932.5 | 822.8 | 696.3 | 566.1 | 438.5 | 333.3 | 25.8 |
| 36° | 1223.3 | 1204.4 | 1165.1 | 1106.1 | 1016.2 | 902.8 | 760.9 | 622.9 | 489.3 | 364.3 | 25.5 |
| 37° | 1277.7 | 1266.6 | 1227.5 | 1166.7 | 1078.7 | 970.3 | 833.1 | 683.0 | 529.6 | 395.4 | 25.0 |
| 38° | 1333.8 | 1311.2 | 1272.7 | 1214.5 | 1128.1 | 1026.3 | 885.5 | 729.2 | 566.9 | 422.8 | 24.2 |
| 39° | 1372.6 | 1349.2 | 1309.9 | 1252.0 | 1167.5 | 1066.5 | 926.9 | 768.6 | 599.3 | 443.3 | 23.1 |
| 40° | 1401.8 | 1379.3 | 1339.4 | 1279.9 | 1196.4 | 1098.1 | 961.5 | 803.4 | 626.4 | 461.1 | 21.8 |
| 41° | 1419.9 | 1398.9 | 1359.3 | 1300.1 | 1216.4 | 1116.2 | 984.1 | 826.0 | 644.7 | 473.0 | 20.5 |
| 42° | 1435.1 | 1413.5 | 1373.1 | 1312.6 | 1228.6 | 1131.6 | 997.9 | 840.3 | 657.2 | 479.2 | 19.4 |
| 43° | 1443.6 | 1422.0 | 1382.7 | 1320.8 | 1236.0 | 1138.8 | 1005.3 | 847.0 | 661.5 | 478.4 | 17.5 |
| 44° | 1448.4 | 1426.0 | 1386.4 | 1324.5 | 1239.2 | 1140.6 | 1005.9 | 845.6 | 658.5 | 472.0 | 15.9 |
| 45° | 1443.0 | 1421.0 | 1382.7 | 1320.8 | 1233.6 | 1134.8 | 1000.6 | 838.5 | 647.4 | 459.5 | 14.1 |
| 46° | 1408.5 | 1391.5 | 1356.4 | 1299.5 | 1216.1 | 1119.9 | 987.0 | 824.6 | 630.1 | 444.1 | 12.0 |
| 47° | 1347.6 | 1334.1 | 1300.1 | 1257.8 | 1182.3 | 1092.5 | 962.0 | 798.3 | 605.9 | 421.0 | 9.6 |
| 48° | 1284.1 | 1264.2 | 1232.6 | 1189.2 | 1125.5 | 1043.3 | 920.8 | 759.8 | 569.2 | 390.7 | 8.5 |
| 49° | 1190.3 | 1178.6 | 1150.7 | 1102.3 | 1049.5 | 977.2 | 862.6 | 710.4 | 524.3 | 357.7 | 7.4 |
| 50° | 1104.2 | 1096.2 | 1057.2 | 1021.6 | 965.5 | 898.0 | 783.7 | 645.2 | 468.5 | 316.8 | 6.6 |
| 51° | 1037.0 | 1027.4 | 999.2 | 954.9 | 895.1 | 816.7 | 709.0 | 560.7 | 404.5 | 268.1 | 5.3 |
| 52° | 966.8 | 961.5 | 936.5 | 890.8 | 832.1 | 753.9 | 636.5 | 489.0 | 342.3 | 226.7 | 4.3 |
| 53° | 909.4 | 901.7 | 871.1 | 830.5 | 767.0 | 686.2 | 557.8 | 422.3 | 289.9 | 190.5 | 3.7 |
| 54° | 825.7 | 822.5 | 802.8 | 760.3 | 691.5 | 603.5 | 486.6 | 355.6 | 241.8 | 161.6 | 3.2 |
| 55° | 736.7 | 726.0 | 706.1 | 672.4 | 609.1 | 527.0 | 404.2 | 294.7 | 195.6 | 136.1 | 2.4 |
| 56° | 628.2 | 627.7 | 592.1 | 563.9 | 507.9 | 420.7 | 322.9 | 230.1 | 158.9 | 113.5 | 2.1 |
| 57° | 524.6 | 507.9 | 473.6 | 445.7 | 385.3 | 319.2 | 239.7 | 172.5 | 124.4 | 92.0 | 1.6 |
| 58° | 388.0 | 379.2 | 370.2 | 329.3 | 273.5 | 226.2 | 171.1 | 121.2 | 92.0 | 70.2 | 1.1 |
| 59° | 263.4 | 263.1 | 252.5 | 221.4 | 189.2 | 140.8 | 106.8 | 82.4 | 63.2 | 51.6 | 0.8 |
| 60° | 198.8 | 194.0 | 172.7 | 152.3 | 119.1 | 89.0 | 63.2 | 48.6 | 39.3 | 33.2 | 0.5 |
| 62.5° | 69.6 | 72.3 | 63.5 | 52.6 | 40.1 | 33.0 | 25.2 | 20.5 | 16.7 | 13.6 | 0.0 |
| 65° | 14.4 | 15.7 | 13.6 | 12.8 | 10.1 | 8.8 | 7.7 | 6.6 | 5.6 | 4.8 | 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° | 1.9 | 1.6 | 1.6 | 1.6 | 1.3 | 1.3 | 1.3 | 1.3 | 1.1 | 1.1 | 0.3 |
| 70° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 | 0.3 |
| 72.5° | 0.8 | 0.8 | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 |
| 75° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 |
| 77.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 80° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 82.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 |
| 85° | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 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: P1312066

CATALOG NUMBER: LDSQA3D02R259050DE010 3LSQCA45R 1MB

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0° | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 |
| 2.5° | 16.2 | 15.7 | 14.9 | 14.6 | 14.4 | 14.4 |
| 5° | 15.9 | 14.9 | 14.1 | 13.3 | 13.0 | 13.0 |
| 7.5° | 15.1 | 13.8 | 12.8 | 12.2 | 12.0 | 11.7 |
| 10° | 14.4 | 12.5 | 11.4 | 10.9 | 10.9 | 10.9 |
| 12.5° | 12.8 | 11.2 | 10.1 | 9.8 | 10.1 | 10.1 |
| 15° | 11.4 | 9.6 | 9.0 | 9.0 | 9.3 | 9.6 |
| 17.5° | 9.8 | 8.5 | 8.0 | 8.2 | 8.5 | 8.8 |
| 20° | 8.8 | 7.2 | 7.2 | 7.4 | 8.2 | 8.2 |
| 22.5° | 7.7 | 6.4 | 6.4 | 7.2 | 7.7 | 8.0 |
| 25° | 6.9 | 5.6 | 5.8 | 6.6 | 7.4 | 7.7 |
| 27.5° | 5.8 | 4.8 | 5.3 | 6.4 | 7.2 | 7.4 |
| 30° | 5.0 | 4.3 | 5.0 | 6.1 | 6.9 | 7.4 |
| 31° | 4.8 | 4.0 | 5.0 | 5.8 | 6.9 | 7.4 |
| 32° | 4.3 | 4.0 | 4.8 | 5.8 | 6.9 | 7.2 |
| 33° | 4.0 | 3.7 | 4.8 | 5.8 | 6.9 | 7.2 |
| 34° | 3.7 | 3.5 | 4.5 | 5.8 | 6.9 | 7.2 |
| 35° | 3.2 | 3.5 | 4.5 | 5.6 | 6.6 | 7.2 |
| 36° | 2.9 | 3.2 | 4.5 | 5.6 | 6.6 | 7.2 |
| 37° | 2.7 | 3.2 | 4.3 | 5.6 | 6.6 | 7.2 |
| 38° | 2.4 | 2.9 | 4.3 | 5.6 | 6.6 | 7.2 |
| 39° | 2.1 | 2.9 | 4.0 | 5.6 | 6.6 | 7.2 |
| 40° | 1.9 | 2.7 | 4.0 | 5.3 | 6.6 | 7.2 |
| 41° | 1.9 | 2.7 | 4.0 | 5.3 | 6.6 | 7.2 |
| 42° | 1.6 | 2.7 | 4.0 | 5.3 | 6.6 | 7.2 |
| 43° | 1.3 | 2.4 | 4.0 | 5.3 | 6.6 | 7.2 |
| 44° | 1.1 | 2.4 | 3.7 | 5.3 | 6.6 | 7.2 |
| 45° | 1.1 | 2.4 | 3.7 | 5.3 | 6.6 | 7.2 |
| 46° | 0.8 | 2.1 | 3.7 | 5.3 | 6.6 | 7.2 |
| 47° | 0.5 | 2.1 | 3.7 | 5.0 | 6.6 | 7.2 |
| 48° | 0.5 | 2.1 | 3.7 | 5.0 | 6.6 | 7.2 |
| 49° | 0.5 | 2.1 | 3.5 | 5.0 | 6.6 | 7.2 |
| 50° | 0.5 | 2.1 | 3.5 | 5.0 | 6.6 | 7.2 |
| 51° | 0.3 | 1.9 | 3.5 | 5.0 | 6.6 | 7.2 |
| 52° | 0.3 | 1.9 | 3.5 | 5.0 | 6.6 | 7.4 |
| 53° | 0.3 | 1.9 | 3.5 | 5.0 | 6.6 | 7.2 |
| 54° | 0.3 | 1.9 | 3.2 | 5.0 | 6.6 | 7.2 |
| 55° | 0.3 | 1.9 | 3.2 | 5.0 | 6.6 | 7.2 |
| 56° | 0.3 | 1.6 | 3.2 | 4.8 | 6.6 | 7.2 |
| 57° | 0.5 | 1.6 | 3.2 | 4.8 | 6.6 | 6.9 |
| 58° | 0.5 | 1.6 | 3.2 | 4.8 | 6.4 | 6.9 |
| 59° | 0.5 | 1.6 | 3.2 | 4.8 | 6.4 | 6.9 |
| 60° | 0.5 | 1.6 | 2.9 | 4.8 | 6.4 | 6.9 |
| 62.5° | 0.5 | 1.6 | 2.9 | 4.5 | 6.1 | 6.6 |
| 65° | 0.5 | 1.6 | 2.7 | 4.3 | 6.1 | 6.4 |



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CATALOG NUMBER: LDSQA3D02R259050DE010 3LSQCA45R 1MB

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.5 | 1.3 | 2.7 | 4.0 | 5.8 | 6.1 |
| 70° | 0.8 | 1.3 | 2.4 | 4.0 | 5.6 | 5.8 |
| 72.5° | 0.8 | 1.3 | 2.4 | 3.5 | 5.0 | 5.6 |
| 75° | 0.8 | 1.3 | 2.1 | 3.2 | 4.8 | 5.0 |
| 77.5° | 0.8 | 1.3 | 1.9 | 2.9 | 4.3 | 4.5 |
| 80° | 1.1 | 1.3 | 1.6 | 2.4 | 3.7 | 4.0 |
| 82.5° | 1.1 | 1.3 | 1.3 | 1.9 | 2.9 | 3.2 |
| 85° | 0.8 | 1.1 | 1.1 | 1.3 | 1.9 | 2.1 |
| 87.5° | 0.8 | 1.1 | 0.8 | 0.5 | 1.1 | 1.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)