

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: P1308732

Luminaire Tested: LDSQA3D02R259030DE010 3LSQCA45R 1MMS

Issue Date: 1/29/2026

**Test Information**

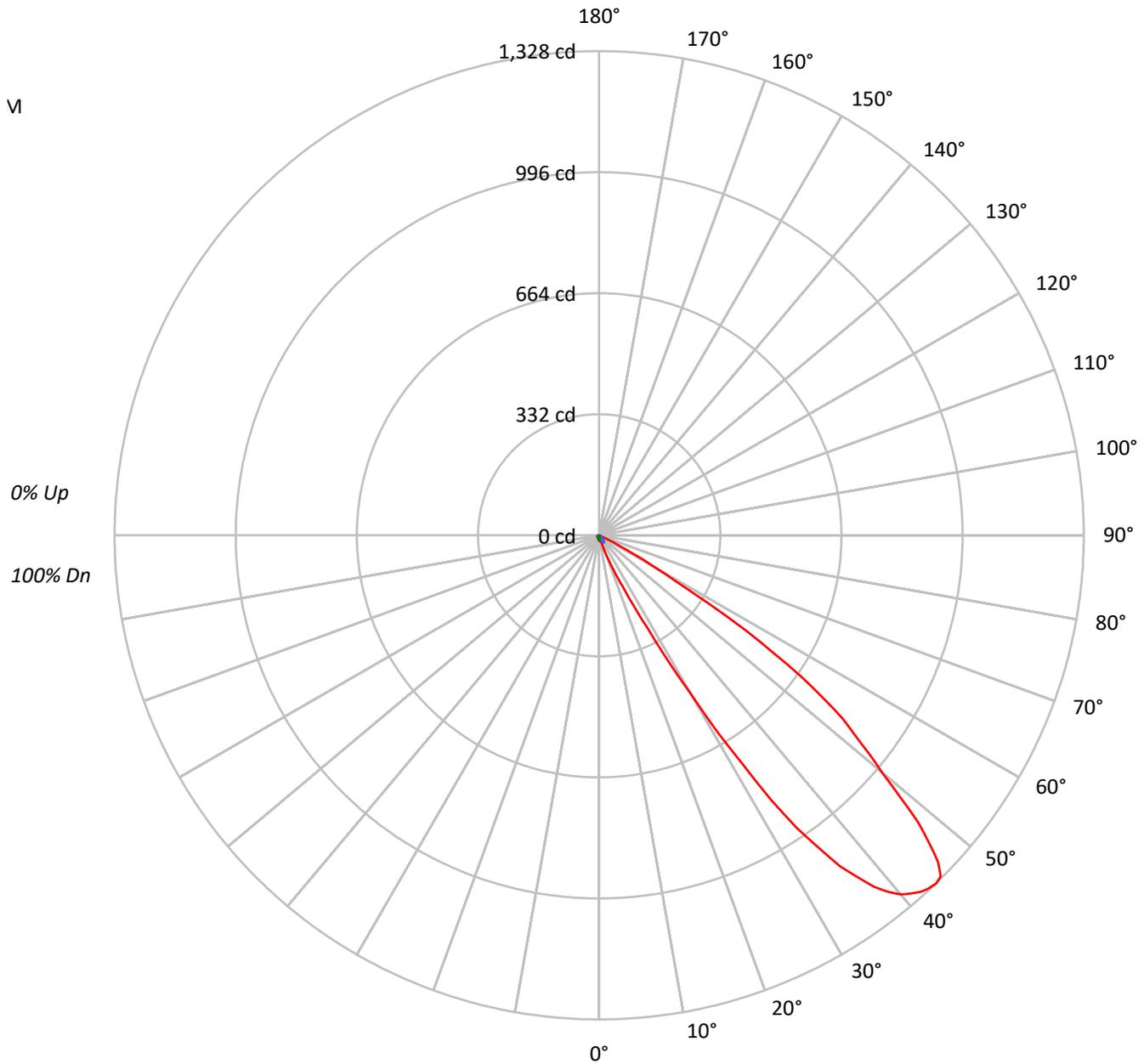
Test Method: LM-79-2019  
Report Number: P1308732  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-75)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R259030DE010 3LSQCA45R 1MMS  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , 3LSQCA45R 1MMS TRII  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 277.0 lumens  
Efficiency: N/A  
Efficacy: 76.9 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 (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: P1308732  
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### Luminous Intensity Polar Plot



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



TEST NUMBER: P1308732

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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  | 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°  | 2428   | 2428 | 2428 | 2428 | 2428 |
| 5°  | 2783   | 2662 | 2368 | 2109 | 2057 |
| 10° | 2763   | 2518 | 2011 | 1749 | 1749 |
| 15° | 3085   | 2175 | 1569 | 1480 | 1569 |
| 20° | 10905  | 2144 | 1210 | 1246 | 1393 |
| 25° | 31354  | 2736 | 969  | 1159 | 1349 |
| 30° | 100049 | 4216 | 776  | 1114 | 1352 |
| 35° | 219138 | 4962 | 673  | 1072 | 1388 |
| 40° | 289074 | 4496 | 540  | 1102 | 1484 |
| 45° | 322375 | 3142 | 536  | 1193 | 1607 |
| 50° | 271360 | 1634 | 536  | 1232 | 1768 |
| 55° | 202886 | 661  | 510  | 1381 | 1982 |
| 60° | 62792  | 172  | 517  | 1516 | 2170 |
| 65° | 5379   | 0    | 611  | 1589 | 2404 |
| 70° | 352    | 101  | 604  | 1863 | 2719 |
| 75° | 333    | 133  | 799  | 1930 | 3061 |
| 80° | 198    | 198  | 1190 | 2182 | 3670 |
| 85° | 395    | 395  | 1976 | 2371 | 3952 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 322375 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 1.3    | 0.5       |
| 10°-20°   | 3.3    | 1.2       |
| 20°-30°   | 15.3   | 5.5       |
| 30°-40°   | 73.8   | 26.6      |
| 40°-50°   | 115.7  | 41.8      |
| 50°-60°   | 59.3   | 21.4      |
| 60°-70°   | 5.6    | 2.0       |
| 70°-80°   | 1.9    | 0.7       |
| 80°-90°   | 0.9    | 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°    | 19.9   | 7.2       |
| 0°-40°    | 93.6   | 33.8      |
| 0°-60°    | 268.6  | 97.0      |
| 0°-90°    | 277.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 277.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 14   | 14  | 14  | 14   | 14   |      |
| 5°  | 16   | 15  | 14  | 12   | 12   | 2    |
| 15° | 17   | 12  | 9   | 8    | 9    | 7    |
| 25° | 165  | 14  | 5   | 6    | 7    | 102  |
| 35° | 1042 | 24  | 3   | 5    | 7    | 633  |
| 45° | 1324 | 13  | 2   | 5    | 7    | 969  |
| 55° | 676  | 2   | 2   | 5    | 7    | 563  |
| 65° | 13   | 0   | 2   | 4    | 6    | 41   |
| 75° | 0    | 0   | 1   | 3    | 5    | 1    |
| 85° | 0    | 0   | 1   | 1    | 2    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |



TEST NUMBER: P1308732

CATALOG NUMBER: LDSQA3D02R259030DE010 3LSQCA45R 1MMS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°   | 17.5° | 20°   | 22.5° | 45°  |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|------|
| 0°    | 14.1   | 14.1   | 14.1   | 14.1   | 14.1   | 14.1   | 14.1  | 14.1  | 14.1  | 14.1  | 14.1 |
| 2.5°  | 15.4   | 15.4   | 15.4   | 15.4   | 15.4   | 15.4   | 15.1  | 15.1  | 15.4  | 15.1  | 15.1 |
| 5°    | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1  | 15.8  | 15.8  | 15.8  | 15.4 |
| 7.5°  | 16.3   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1  | 16.1  | 15.8  | 15.8  | 15.1 |
| 10°   | 15.8   | 15.8   | 15.8   | 15.8   | 15.6   | 15.6   | 15.6  | 15.4  | 15.4  | 15.4  | 14.4 |
| 12.5° | 15.8   | 15.8   | 15.8   | 15.8   | 15.6   | 15.6   | 15.4  | 15.4  | 15.1  | 14.9  | 13.2 |
| 15°   | 17.3   | 17.3   | 17.3   | 17.1   | 16.8   | 16.6   | 16.3  | 16.1  | 15.8  | 15.4  | 12.2 |
| 17.5° | 25.4   | 24.6   | 24.4   | 23.4   | 22.2   | 21.0   | 20.0  | 19.0  | 18.0  | 17.3  | 11.7 |
| 20°   | 59.5   | 59.2   | 58.0   | 55.1   | 51.9   | 48.3   | 44.6  | 40.5  | 34.6  | 30.7  | 11.7 |
| 22.5° | 103.1  | 101.6  | 99.5   | 97.3   | 91.7   | 85.1   | 78.2  | 70.4  | 62.9  | 54.8  | 12.4 |
| 25°   | 165.0  | 168.4  | 161.1  | 155.3  | 145.5  | 133.6  | 120.7 | 109.9 | 96.3  | 83.6  | 14.4 |
| 27.5° | 286.9  | 289.1  | 274.7  | 255.7  | 233.0  | 207.9  | 183.5 | 165.3 | 142.4 | 121.4 | 18.0 |
| 30°   | 503.1  | 505.3  | 481.2  | 440.7  | 393.9  | 352.7  | 296.9 | 247.9 | 202.8 | 167.9 | 21.2 |
| 31°   | 627.9  | 610.8  | 582.8  | 543.6  | 484.3  | 422.2  | 355.1 | 295.9 | 238.9 | 193.1 | 22.2 |
| 32°   | 736.4  | 734.9  | 702.3  | 642.8  | 583.3  | 506.5  | 423.4 | 346.1 | 276.2 | 218.4 | 22.9 |
| 33°   | 864.3  | 854.6  | 808.5  | 752.5  | 673.7  | 596.5  | 489.2 | 401.0 | 314.4 | 246.7 | 23.4 |
| 34°   | 967.0  | 940.6  | 921.6  | 857.5  | 774.4  | 675.9  | 561.1 | 459.0 | 362.2 | 274.0 | 23.6 |
| 35°   | 1042.3 | 1036.7 | 999.6  | 939.9  | 855.3  | 754.7  | 638.6 | 519.2 | 402.2 | 305.7 | 23.6 |
| 36°   | 1122.0 | 1104.7 | 1068.6 | 1014.5 | 932.1  | 828.0  | 697.9 | 571.4 | 448.8 | 334.2 | 23.4 |
| 37°   | 1172.0 | 1161.7 | 1125.9 | 1070.1 | 989.4  | 889.9  | 764.2 | 626.4 | 485.8 | 362.7 | 22.9 |
| 38°   | 1223.4 | 1202.7 | 1167.3 | 1114.0 | 1034.7 | 941.4  | 812.2 | 668.9 | 519.9 | 387.8 | 22.2 |
| 39°   | 1259.0 | 1237.5 | 1201.5 | 1148.3 | 1070.8 | 978.2  | 850.2 | 704.9 | 549.7 | 406.6 | 21.2 |
| 40°   | 1285.8 | 1265.1 | 1228.5 | 1173.9 | 1097.4 | 1007.2 | 881.9 | 736.9 | 574.5 | 422.9 | 20.0 |
| 41°   | 1302.4 | 1283.1 | 1246.8 | 1192.4 | 1115.7 | 1023.8 | 902.6 | 757.6 | 591.3 | 433.9 | 18.8 |
| 42°   | 1316.3 | 1296.5 | 1259.5 | 1203.9 | 1126.9 | 1037.9 | 915.3 | 770.7 | 602.8 | 439.5 | 17.8 |
| 43°   | 1324.1 | 1304.3 | 1268.2 | 1211.5 | 1133.7 | 1044.5 | 922.1 | 776.8 | 606.7 | 438.8 | 16.1 |
| 44°   | 1328.5 | 1308.0 | 1271.7 | 1214.9 | 1136.6 | 1046.2 | 922.6 | 775.6 | 604.0 | 432.9 | 14.6 |
| 45°   | 1323.6 | 1303.3 | 1268.2 | 1211.5 | 1131.5 | 1040.8 | 917.7 | 769.0 | 593.8 | 421.4 | 12.9 |
| 46°   | 1291.9 | 1276.3 | 1244.1 | 1192.0 | 1115.4 | 1027.2 | 905.3 | 756.4 | 577.9 | 407.3 | 11.0 |
| 47°   | 1236.1 | 1223.6 | 1192.4 | 1153.7 | 1084.5 | 1002.1 | 882.4 | 732.2 | 555.8 | 386.1 | 8.8  |
| 48°   | 1177.8 | 1159.5 | 1130.5 | 1090.8 | 1032.3 | 957.0  | 844.6 | 696.9 | 522.1 | 358.3 | 7.8  |
| 49°   | 1091.8 | 1081.0 | 1055.5 | 1011.1 | 962.6  | 896.3  | 791.2 | 651.6 | 480.9 | 328.1 | 6.8  |
| 50°   | 1012.8 | 1005.5 | 969.7  | 937.0  | 885.6  | 823.6  | 718.8 | 591.8 | 429.7 | 290.6 | 6.1  |
| 51°   | 951.1  | 942.4  | 916.5  | 875.8  | 821.0  | 749.1  | 650.3 | 514.3 | 371.0 | 245.9 | 4.9  |
| 52°   | 886.8  | 881.9  | 859.0  | 817.1  | 763.2  | 691.5  | 583.8 | 448.5 | 314.0 | 207.9 | 3.9  |
| 53°   | 834.1  | 827.1  | 799.0  | 761.7  | 703.5  | 629.4  | 511.6 | 387.3 | 265.9 | 174.8 | 3.4  |
| 54°   | 757.3  | 754.4  | 736.4  | 697.4  | 634.2  | 553.6  | 446.3 | 326.1 | 221.8 | 148.2 | 2.9  |
| 55°   | 675.7  | 665.9  | 647.7  | 616.7  | 558.7  | 483.4  | 370.7 | 270.3 | 179.4 | 124.8 | 2.2  |
| 56°   | 576.2  | 575.7  | 543.1  | 517.2  | 465.8  | 385.9  | 296.2 | 211.1 | 145.8 | 104.1 | 2.0  |
| 57°   | 481.2  | 465.8  | 434.4  | 408.8  | 353.4  | 292.7  | 219.9 | 158.2 | 114.1 | 84.3  | 1.5  |
| 58°   | 355.9  | 347.8  | 339.5  | 302.0  | 250.8  | 207.4  | 157.0 | 111.2 | 84.3  | 64.4  | 1.0  |
| 59°   | 241.6  | 241.3  | 231.6  | 203.0  | 173.6  | 129.2  | 98.0  | 75.6  | 58.0  | 47.3  | 0.7  |
| 60°   | 182.3  | 177.9  | 158.4  | 139.7  | 109.2  | 81.7   | 58.0  | 44.6  | 36.1  | 30.5  | 0.5  |
| 62.5° | 63.9   | 66.3   | 58.3   | 48.3   | 36.8   | 30.2   | 23.2  | 18.8  | 15.4  | 12.4  | 0.0  |
| 65°   | 13.2   | 14.4   | 12.4   | 11.7   | 9.3    | 8.0    | 7.1   | 6.1   | 5.1   | 4.4   | 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° | 1.7 | 1.5  | 1.5 | 1.5  | 1.2 | 1.2   | 1.2 | 1.2   | 1.0 | 1.0   | 0.2 |
| 70°   | 0.7 | 0.7  | 0.7 | 0.7  | 0.7 | 0.7   | 0.5 | 0.5   | 0.5 | 0.5   | 0.2 |
| 72.5° | 0.7 | 0.7  | 0.7 | 0.5  | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 | 0.2   | 0.2 |
| 75°   | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.5 | 0.2   | 0.2 | 0.2   | 0.2 |
| 77.5° | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 |
| 80°   | 0.2 | 0.2  | 0.2 | 0.2  | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 |
| 82.5° | 0.2 | 0.2  | 0.2 | 0.2  | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 | 0.2   | 0.5 |
| 85°   | 0.2 | 0.2  | 0.2 | 0.0  | 0.0 | 0.2   | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.2 |
| 90°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |



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**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 14.1  | 14.1 | 14.1   | 14.1 | 14.1   | 14.1 |
| 2.5°  | 14.9  | 14.4 | 13.7   | 13.4 | 13.2   | 13.2 |
| 5°    | 14.6  | 13.7 | 12.9   | 12.2 | 11.9   | 11.9 |
| 7.5°  | 13.9  | 12.7 | 11.7   | 11.2 | 11.0   | 10.7 |
| 10°   | 13.2  | 11.5 | 10.5   | 10.0 | 10.0   | 10.0 |
| 12.5° | 11.7  | 10.2 | 9.3    | 9.0  | 9.3    | 9.3  |
| 15°   | 10.5  | 8.8  | 8.3    | 8.3  | 8.5    | 8.8  |
| 17.5° | 9.0   | 7.8  | 7.3    | 7.6  | 7.8    | 8.0  |
| 20°   | 8.0   | 6.6  | 6.6    | 6.8  | 7.6    | 7.6  |
| 22.5° | 7.1   | 5.9  | 5.9    | 6.6  | 7.1    | 7.3  |
| 25°   | 6.3   | 5.1  | 5.4    | 6.1  | 6.8    | 7.1  |
| 27.5° | 5.4   | 4.4  | 4.9    | 5.9  | 6.6    | 6.8  |
| 30°   | 4.6   | 3.9  | 4.6    | 5.6  | 6.3    | 6.8  |
| 31°   | 4.4   | 3.7  | 4.6    | 5.4  | 6.3    | 6.8  |
| 32°   | 3.9   | 3.7  | 4.4    | 5.4  | 6.3    | 6.6  |
| 33°   | 3.7   | 3.4  | 4.4    | 5.4  | 6.3    | 6.6  |
| 34°   | 3.4   | 3.2  | 4.1    | 5.4  | 6.3    | 6.6  |
| 35°   | 2.9   | 3.2  | 4.1    | 5.1  | 6.1    | 6.6  |
| 36°   | 2.7   | 2.9  | 4.1    | 5.1  | 6.1    | 6.6  |
| 37°   | 2.4   | 2.9  | 3.9    | 5.1  | 6.1    | 6.6  |
| 38°   | 2.2   | 2.7  | 3.9    | 5.1  | 6.1    | 6.6  |
| 39°   | 2.0   | 2.7  | 3.7    | 5.1  | 6.1    | 6.6  |
| 40°   | 1.7   | 2.4  | 3.7    | 4.9  | 6.1    | 6.6  |
| 41°   | 1.7   | 2.4  | 3.7    | 4.9  | 6.1    | 6.6  |
| 42°   | 1.5   | 2.4  | 3.7    | 4.9  | 6.1    | 6.6  |
| 43°   | 1.2   | 2.2  | 3.7    | 4.9  | 6.1    | 6.6  |
| 44°   | 1.0   | 2.2  | 3.4    | 4.9  | 6.1    | 6.6  |
| 45°   | 1.0   | 2.2  | 3.4    | 4.9  | 6.1    | 6.6  |
| 46°   | 0.7   | 2.0  | 3.4    | 4.9  | 6.1    | 6.6  |
| 47°   | 0.5   | 2.0  | 3.4    | 4.6  | 6.1    | 6.6  |
| 48°   | 0.5   | 2.0  | 3.4    | 4.6  | 6.1    | 6.6  |
| 49°   | 0.5   | 2.0  | 3.2    | 4.6  | 6.1    | 6.6  |
| 50°   | 0.5   | 2.0  | 3.2    | 4.6  | 6.1    | 6.6  |
| 51°   | 0.2   | 1.7  | 3.2    | 4.6  | 6.1    | 6.6  |
| 52°   | 0.2   | 1.7  | 3.2    | 4.6  | 6.1    | 6.8  |
| 53°   | 0.2   | 1.7  | 3.2    | 4.6  | 6.1    | 6.6  |
| 54°   | 0.2   | 1.7  | 2.9    | 4.6  | 6.1    | 6.6  |
| 55°   | 0.2   | 1.7  | 2.9    | 4.6  | 6.1    | 6.6  |
| 56°   | 0.2   | 1.5  | 2.9    | 4.4  | 6.1    | 6.6  |
| 57°   | 0.5   | 1.5  | 2.9    | 4.4  | 6.1    | 6.3  |
| 58°   | 0.5   | 1.5  | 2.9    | 4.4  | 5.9    | 6.3  |
| 59°   | 0.5   | 1.5  | 2.9    | 4.4  | 5.9    | 6.3  |
| 60°   | 0.5   | 1.5  | 2.7    | 4.4  | 5.9    | 6.3  |
| 62.5° | 0.5   | 1.5  | 2.7    | 4.1  | 5.6    | 6.1  |
| 65°   | 0.5   | 1.5  | 2.4    | 3.9  | 5.6    | 5.9  |



TEST NUMBER: P1308732

CATALOG NUMBER: LDSQA3D02R259030DE010 3LSQCA45R 1MMS

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.5   | 1.2 | 2.4    | 3.7  | 5.4    | 5.6  |
| 70°   | 0.7   | 1.2 | 2.2    | 3.7  | 5.1    | 5.4  |
| 72.5° | 0.7   | 1.2 | 2.2    | 3.2  | 4.6    | 5.1  |
| 75°   | 0.7   | 1.2 | 2.0    | 2.9  | 4.4    | 4.6  |
| 77.5° | 0.7   | 1.2 | 1.7    | 2.7  | 3.9    | 4.1  |
| 80°   | 1.0   | 1.2 | 1.5    | 2.2  | 3.4    | 3.7  |
| 82.5° | 1.0   | 1.2 | 1.2    | 1.7  | 2.7    | 2.9  |
| 85°   | 0.7   | 1.0 | 1.0    | 1.2  | 1.7    | 2.0  |
| 87.5° | 0.7   | 1.0 | 0.7    | 0.5  | 1.0    | 1.0  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)