

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: P1309850

Luminaire Tested: LDSQA3D02R259035DE010 3LSQCA45R 1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1309850  
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: LDSQA3D02R259035DE010 3LSQCA45R 1MMS  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , 3LSQCA45R 1MMS TRII  
Light Source: -  
Ballast/Driver: -

**Summary**

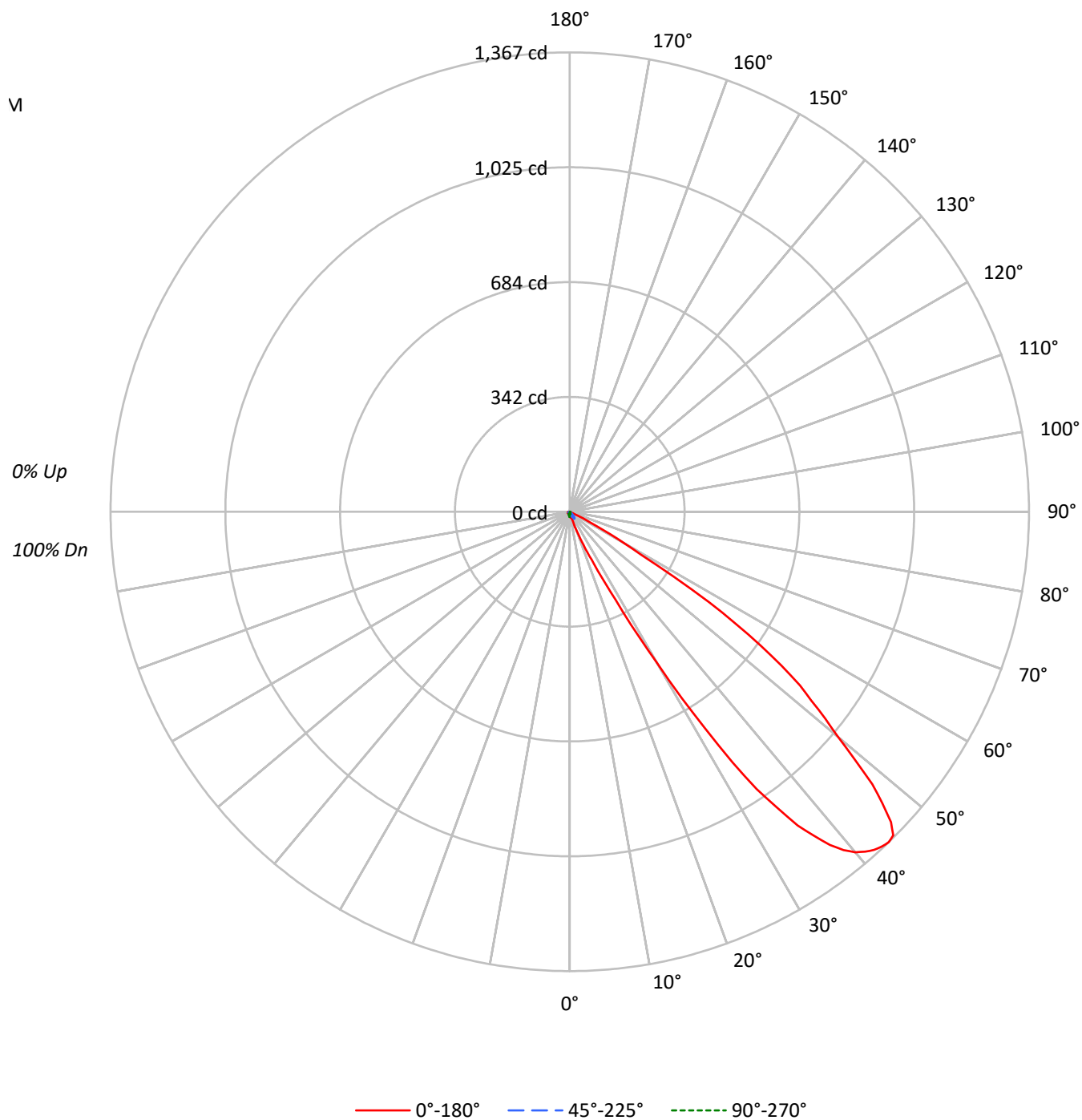
Lumens per Lamp: N/A  
Luminaire Lumens: 285.1 lumens  
Efficiency: N/A  
Efficacy: 79.2 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.6 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 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: P1309850

CATALOG NUMBER: LDSQA3D02R259035DE010 3LSQCA45R 1MMS

### Luminous Intensity Polar Plot



TEST NUMBER: P1309850

CATALOG NUMBER: LDSQA3D02R259035DE010 3LSQCA45R 1MMS

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |     |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 110 | 106 | 102 | 99  | 108 | 104 | 101 | 97  | 100 | 97  | 94  | 96  | 94  | 92  | 92  | 91  | 89  | 87  |    |    |
| 2   | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 78  | 75  | 73  |    |    |
| 3   | 92  | 81  | 74  | 67  | 89  | 80  | 73  | 67  | 77  | 71  | 66  | 74  | 69  | 64  | 72  | 67  | 63  | 61  |    |    |
| 4   | 83  | 71  | 62  | 56  | 81  | 70  | 62  | 55  | 67  | 60  | 55  | 65  | 59  | 54  | 63  | 58  | 53  | 51  |    |    |
| 5   | 75  | 62  | 53  | 46  | 73  | 61  | 53  | 46  | 59  | 51  | 46  | 57  | 50  | 45  | 55  | 49  | 45  | 42  |    |    |
| 6   | 68  | 55  | 45  | 39  | 66  | 54  | 45  | 39  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 37  | 35  |    |    |
| 7   | 62  | 48  | 39  | 32  | 60  | 47  | 39  | 32  | 46  | 38  | 32  | 44  | 37  | 32  | 43  | 36  | 32  | 29  |    |    |
| 8   | 57  | 43  | 34  | 27  | 55  | 42  | 33  | 27  | 40  | 33  | 27  | 39  | 32  | 27  | 38  | 32  | 27  | 25  |    |    |
| 9   | 52  | 38  | 29  | 23  | 51  | 37  | 29  | 23  | 36  | 28  | 23  | 35  | 28  | 23  | 34  | 27  | 23  | 21  |    |    |
| 10  | 48  | 34  | 25  | 20  | 47  | 33  | 25  | 20  | 32  | 25  | 20  | 31  | 24  | 19  | 30  | 24  | 19  | 17  |    |    |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°     | 45°  | 90°  | 135° | 180° |
|-----|--------|------|------|------|------|
| 0°  | 2497   | 2497 | 2497 | 2497 | 2497 |
| 5°  | 2870   | 2732 | 2420 | 2161 | 2126 |
| 10° | 2851   | 2588 | 2064 | 1801 | 1801 |
| 15° | 3174   | 2229 | 1605 | 1516 | 1605 |
| 20° | 11216  | 2199 | 1246 | 1283 | 1430 |
| 25° | 32267  | 2812 | 1007 | 1197 | 1387 |
| 30° | 102933 | 4335 | 795  | 1153 | 1392 |
| 35° | 225467 | 5109 | 694  | 1114 | 1430 |
| 40° | 297415 | 4631 | 562  | 1124 | 1529 |
| 45° | 331679 | 3239 | 560  | 1218 | 1656 |
| 50° | 279184 | 1688 | 536  | 1286 | 1822 |
| 55° | 208741 | 691  | 540  | 1441 | 2042 |
| 60° | 64618  | 172  | 517  | 1550 | 2239 |
| 65° | 5501   | 0    | 611  | 1630 | 2445 |
| 70° | 403    | 151  | 655  | 1913 | 2769 |
| 75° | 333    | 200  | 865  | 1996 | 3194 |
| 80° | 298    | 298  | 1289 | 2281 | 3769 |
| 85° | 593    | 593  | 1976 | 2569 | 3952 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 331679 cd/sqm

TEST NUMBER: P1309850

CATALOG NUMBER: LDSQA3D02R259035DE010 3LSQCA45R 1MMS

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 1.3    | 0.5       |
| 10°-20°   | 3.4    | 1.2       |
| 20°-30°   | 15.8   | 5.5       |
| 30°-40°   | 75.9   | 26.6      |
| 40°-50°   | 119.0  | 41.7      |
| 50°-60°   | 61.0   | 21.4      |
| 60°-70°   | 5.8    | 2.0       |
| 70°-80°   | 2.0    | 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°    | 20.4   | 7.2       |
| 0°-40°    | 96.3   | 33.8      |
| 0°-60°    | 276.4  | 96.9      |
| 0°-90°    | 285.1  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 285.1  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 14   | 14  | 14  | 14   | 14   |      |
| 5°  | 17   | 16  | 14  | 12   | 12   | 2    |
| 15° | 18   | 12  | 9   | 8    | 9    | 8    |
| 25° | 170  | 15  | 5   | 6    | 7    | 105  |
| 35° | 1072 | 24  | 3   | 5    | 7    | 651  |
| 45° | 1362 | 13  | 2   | 5    | 7    | 996  |
| 55° | 695  | 2   | 2   | 5    | 7    | 579  |
| 65° | 14   | 0   | 2   | 4    | 6    | 42   |
| 75° | 0    | 0   | 1   | 3    | 5    | 1    |
| 85° | 0    | 0   | 1   | 1    | 2    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

TEST NUMBER: P1309850

CATALOG NUMBER: LDSQA3D02R259035DE010 3LSQCA45R 1MMS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°   | 17.5° | 20°   | 22.5° | 45°  |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|------|
| 0°    | 14.5   | 14.5   | 14.5   | 14.5   | 14.5   | 14.5   | 14.5  | 14.5  | 14.5  | 14.5  | 14.5 |
| 2.5°  | 15.8   | 15.8   | 15.8   | 15.8   | 15.8   | 15.8   | 15.5  | 15.5  | 15.8  | 15.5  | 15.5 |
| 5°    | 16.6   | 16.6   | 16.6   | 16.6   | 16.6   | 16.6   | 16.6  | 16.3  | 16.3  | 16.3  | 15.8 |
| 7.5°  | 16.8   | 16.6   | 16.6   | 16.6   | 16.6   | 16.6   | 16.6  | 16.6  | 16.3  | 16.3  | 15.5 |
| 10°   | 16.3   | 16.3   | 16.3   | 16.3   | 16.1   | 16.1   | 16.1  | 15.8  | 15.8  | 15.8  | 14.8 |
| 12.5° | 16.3   | 16.3   | 16.3   | 16.3   | 16.1   | 16.1   | 15.8  | 15.8  | 15.5  | 15.3  | 13.5 |
| 15°   | 17.8   | 17.8   | 17.8   | 17.6   | 17.3   | 17.1   | 16.8  | 16.6  | 16.3  | 15.8  | 12.5 |
| 17.5° | 26.1   | 25.3   | 25.1   | 24.1   | 22.8   | 21.6   | 20.6  | 19.6  | 18.6  | 17.8  | 12.0 |
| 20°   | 61.2   | 60.9   | 59.7   | 56.7   | 53.4   | 49.7   | 45.9  | 41.6  | 35.6  | 31.6  | 12.0 |
| 22.5° | 106.1  | 104.6  | 102.3  | 100.1  | 94.3   | 87.5   | 80.5  | 72.5  | 64.7  | 56.4  | 12.8 |
| 25°   | 169.8  | 173.3  | 165.8  | 159.8  | 149.7  | 137.4  | 124.1 | 113.1 | 99.1  | 86.0  | 14.8 |
| 27.5° | 295.2  | 297.4  | 282.6  | 263.1  | 239.8  | 213.9  | 188.8 | 170.0 | 146.5 | 124.9 | 18.6 |
| 30°   | 517.6  | 519.9  | 495.1  | 453.4  | 405.3  | 362.9  | 305.5 | 255.1 | 208.7 | 172.8 | 21.8 |
| 31°   | 646.0  | 628.5  | 599.6  | 559.3  | 498.3  | 434.4  | 365.4 | 304.5 | 245.8 | 198.6 | 22.8 |
| 32°   | 757.6  | 756.1  | 722.5  | 661.3  | 600.1  | 521.1  | 435.6 | 356.1 | 284.1 | 224.7 | 23.6 |
| 33°   | 889.3  | 879.3  | 831.9  | 774.2  | 693.2  | 613.7  | 503.3 | 412.6 | 323.5 | 253.8 | 24.1 |
| 34°   | 994.9  | 967.8  | 948.2  | 882.3  | 796.8  | 695.4  | 577.3 | 472.2 | 372.7 | 281.9 | 24.3 |
| 35°   | 1072.4 | 1066.6 | 1028.5 | 967.1  | 880.0  | 776.5  | 657.1 | 534.2 | 413.8 | 314.5 | 24.3 |
| 36°   | 1154.4 | 1136.6 | 1099.5 | 1043.8 | 959.0  | 851.9  | 718.0 | 587.9 | 461.7 | 343.8 | 24.1 |
| 37°   | 1205.8 | 1195.3 | 1158.4 | 1101.0 | 1018.0 | 915.6  | 786.2 | 644.5 | 499.8 | 373.2 | 23.6 |
| 38°   | 1258.7 | 1237.4 | 1201.0 | 1146.1 | 1064.6 | 968.6  | 835.6 | 688.2 | 534.9 | 399.0 | 22.8 |
| 39°   | 1295.3 | 1273.3 | 1236.2 | 1181.5 | 1101.7 | 1006.4 | 874.8 | 725.3 | 565.5 | 418.3 | 21.8 |
| 40°   | 1322.9 | 1301.6 | 1264.0 | 1207.8 | 1129.1 | 1036.3 | 907.4 | 758.1 | 591.1 | 435.1 | 20.6 |
| 41°   | 1340.0 | 1320.2 | 1282.8 | 1226.9 | 1147.9 | 1053.3 | 928.7 | 779.5 | 608.4 | 446.4 | 19.3 |
| 42°   | 1354.3 | 1334.0 | 1295.8 | 1238.7 | 1159.4 | 1067.9 | 941.7 | 793.0 | 620.2 | 452.2 | 18.3 |
| 43°   | 1362.3 | 1342.0 | 1304.9 | 1246.4 | 1166.4 | 1074.6 | 948.8 | 799.3 | 624.2 | 451.4 | 16.6 |
| 44°   | 1366.8 | 1345.8 | 1308.4 | 1250.0 | 1169.4 | 1076.4 | 949.3 | 798.0 | 621.5 | 445.4 | 15.0 |
| 45°   | 1361.8 | 1341.0 | 1304.9 | 1246.4 | 1164.2 | 1070.9 | 944.2 | 791.3 | 610.9 | 433.6 | 13.3 |
| 46°   | 1329.2 | 1313.2 | 1280.0 | 1226.4 | 1147.6 | 1056.8 | 931.4 | 778.2 | 594.6 | 419.1 | 11.3 |
| 47°   | 1271.8 | 1259.0 | 1226.9 | 1187.0 | 1115.8 | 1031.0 | 907.9 | 753.4 | 571.8 | 397.3 | 9.0  |
| 48°   | 1211.8 | 1193.0 | 1163.2 | 1122.3 | 1062.1 | 984.6  | 869.0 | 717.0 | 537.2 | 368.7 | 8.0  |
| 49°   | 1123.3 | 1112.3 | 1085.9 | 1040.3 | 990.4  | 922.2  | 814.1 | 670.4 | 494.8 | 337.6 | 7.0  |
| 50°   | 1042.0 | 1034.5 | 997.7  | 964.0  | 911.1  | 847.4  | 739.6 | 608.9 | 442.1 | 298.9 | 6.3  |
| 51°   | 978.6  | 969.6  | 943.0  | 901.1  | 844.7  | 770.7  | 669.1 | 529.2 | 381.7 | 253.1 | 5.0  |
| 52°   | 912.4  | 907.4  | 883.8  | 840.7  | 785.2  | 711.5  | 600.6 | 461.5 | 323.0 | 213.9 | 4.0  |
| 53°   | 858.2  | 850.9  | 822.1  | 783.7  | 723.8  | 647.5  | 526.4 | 398.5 | 273.6 | 179.8 | 3.5  |
| 54°   | 779.2  | 776.2  | 757.6  | 717.5  | 652.6  | 569.6  | 459.2 | 335.6 | 228.2 | 152.5 | 3.0  |
| 55°   | 695.2  | 685.2  | 666.4  | 634.5  | 574.8  | 497.3  | 381.5 | 278.1 | 184.6 | 128.4 | 2.3  |
| 56°   | 592.9  | 592.4  | 558.8  | 532.2  | 479.3  | 397.0  | 304.7 | 217.2 | 150.0 | 107.1 | 2.0  |
| 57°   | 495.1  | 479.3  | 446.9  | 420.6  | 363.7  | 301.2  | 226.2 | 162.8 | 117.4 | 86.8  | 1.5  |
| 58°   | 366.2  | 357.9  | 349.4  | 310.7  | 258.1  | 213.4  | 161.5 | 114.4 | 86.8  | 66.2  | 1.0  |
| 59°   | 248.5  | 248.3  | 238.3  | 208.9  | 178.6  | 132.9  | 100.8 | 77.7  | 59.7  | 48.7  | 0.8  |
| 60°   | 187.6  | 183.1  | 163.0  | 143.7  | 112.4  | 84.0   | 59.7  | 45.9  | 37.1  | 31.3  | 0.5  |
| 62.5° | 65.7   | 68.2   | 59.9   | 49.7   | 37.9   | 31.1   | 23.8  | 19.3  | 15.8  | 12.8  | 0.0  |
| 65°   | 13.5   | 14.8   | 12.8   | 12.0   | 9.5    | 8.3    | 7.3   | 6.3   | 5.3   | 4.5   | 0.0  |



TEST NUMBER: P1309850

CATALOG NUMBER: LDSQA3D02R259035DE010 3LSQCA45R 1MMS

**CANDELA DISTRIBUTION (continued):**

|       | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 1.8 | 1.5  | 1.5 | 1.5  | 1.3 | 1.3   | 1.3 | 1.3   | 1.0 | 1.0   | 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: P1309850

CATALOG NUMBER: LDSQA3D02R259035DE010 3LSQCA45R 1MMS

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 14.5  | 14.5 | 14.5   | 14.5 | 14.5   | 14.5 |
| 2.5°  | 15.3  | 14.8 | 14.0   | 13.8 | 13.5   | 13.5 |
| 5°    | 15.0  | 14.0 | 13.3   | 12.5 | 12.3   | 12.3 |
| 7.5°  | 14.3  | 13.0 | 12.0   | 11.5 | 11.3   | 11.0 |
| 10°   | 13.5  | 11.8 | 10.8   | 10.3 | 10.3   | 10.3 |
| 12.5° | 12.0  | 10.5 | 9.5    | 9.3  | 9.5    | 9.5  |
| 15°   | 10.8  | 9.0  | 8.5    | 8.5  | 8.8    | 9.0  |
| 17.5° | 9.3   | 8.0  | 7.5    | 7.8  | 8.0    | 8.3  |
| 20°   | 8.3   | 6.8  | 6.8    | 7.0  | 7.8    | 7.8  |
| 22.5° | 7.3   | 6.0  | 6.0    | 6.8  | 7.3    | 7.5  |
| 25°   | 6.5   | 5.3  | 5.5    | 6.3  | 7.0    | 7.3  |
| 27.5° | 5.5   | 4.5  | 5.0    | 6.0  | 6.8    | 7.0  |
| 30°   | 4.8   | 4.0  | 4.8    | 5.8  | 6.5    | 7.0  |
| 31°   | 4.5   | 3.8  | 4.8    | 5.5  | 6.5    | 7.0  |
| 32°   | 4.0   | 3.8  | 4.5    | 5.5  | 6.5    | 6.8  |
| 33°   | 3.8   | 3.5  | 4.5    | 5.5  | 6.5    | 6.8  |
| 34°   | 3.5   | 3.3  | 4.3    | 5.5  | 6.5    | 6.8  |
| 35°   | 3.0   | 3.3  | 4.3    | 5.3  | 6.3    | 6.8  |
| 36°   | 2.8   | 3.0  | 4.3    | 5.3  | 6.3    | 6.8  |
| 37°   | 2.5   | 3.0  | 4.0    | 5.3  | 6.3    | 6.8  |
| 38°   | 2.3   | 2.8  | 4.0    | 5.3  | 6.3    | 6.8  |
| 39°   | 2.0   | 2.8  | 3.8    | 5.3  | 6.3    | 6.8  |
| 40°   | 1.8   | 2.5  | 3.8    | 5.0  | 6.3    | 6.8  |
| 41°   | 1.8   | 2.5  | 3.8    | 5.0  | 6.3    | 6.8  |
| 42°   | 1.5   | 2.5  | 3.8    | 5.0  | 6.3    | 6.8  |
| 43°   | 1.3   | 2.3  | 3.8    | 5.0  | 6.3    | 6.8  |
| 44°   | 1.0   | 2.3  | 3.5    | 5.0  | 6.3    | 6.8  |
| 45°   | 1.0   | 2.3  | 3.5    | 5.0  | 6.3    | 6.8  |
| 46°   | 0.8   | 2.0  | 3.5    | 5.0  | 6.3    | 6.8  |
| 47°   | 0.5   | 2.0  | 3.5    | 4.8  | 6.3    | 6.8  |
| 48°   | 0.5   | 2.0  | 3.5    | 4.8  | 6.3    | 6.8  |
| 49°   | 0.5   | 2.0  | 3.3    | 4.8  | 6.3    | 6.8  |
| 50°   | 0.5   | 2.0  | 3.3    | 4.8  | 6.3    | 6.8  |
| 51°   | 0.3   | 1.8  | 3.3    | 4.8  | 6.3    | 6.8  |
| 52°   | 0.3   | 1.8  | 3.3    | 4.8  | 6.3    | 7.0  |
| 53°   | 0.3   | 1.8  | 3.3    | 4.8  | 6.3    | 6.8  |
| 54°   | 0.3   | 1.8  | 3.0    | 4.8  | 6.3    | 6.8  |
| 55°   | 0.3   | 1.8  | 3.0    | 4.8  | 6.3    | 6.8  |
| 56°   | 0.3   | 1.5  | 3.0    | 4.5  | 6.3    | 6.8  |
| 57°   | 0.5   | 1.5  | 3.0    | 4.5  | 6.3    | 6.5  |
| 58°   | 0.5   | 1.5  | 3.0    | 4.5  | 6.0    | 6.5  |
| 59°   | 0.5   | 1.5  | 3.0    | 4.5  | 6.0    | 6.5  |
| 60°   | 0.5   | 1.5  | 2.8    | 4.5  | 6.0    | 6.5  |
| 62.5° | 0.5   | 1.5  | 2.8    | 4.3  | 5.8    | 6.3  |
| 65°   | 0.5   | 1.5  | 2.5    | 4.0  | 5.8    | 6.0  |



TEST NUMBER: P1309850

CATALOG NUMBER: LDSQA3D02R259035DE010 3LSQCA45R 1MMS

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.5   | 1.3 | 2.5    | 3.8  | 5.5    | 5.8  |
| 70°   | 0.8   | 1.3 | 2.3    | 3.8  | 5.3    | 5.5  |
| 72.5° | 0.8   | 1.3 | 2.3    | 3.3  | 4.8    | 5.3  |
| 75°   | 0.8   | 1.3 | 2.0    | 3.0  | 4.5    | 4.8  |
| 77.5° | 0.8   | 1.3 | 1.8    | 2.8  | 4.0    | 4.3  |
| 80°   | 1.0   | 1.3 | 1.5    | 2.3  | 3.5    | 3.8  |
| 82.5° | 1.0   | 1.3 | 1.3    | 1.8  | 2.8    | 3.0  |
| 85°   | 0.8   | 1.0 | 1.0    | 1.3  | 1.8    | 2.0  |
| 87.5° | 0.8   | 1.0 | 0.8    | 0.5  | 1.0    | 1.0  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)