

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: P1312194

Luminaire Tested: LDSQA3D05R159050DE010 3LSQCA45R 1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1312194  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-73)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R159050DE010 3LSQCA45R 1MW  
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , 3LSQCA45R 1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

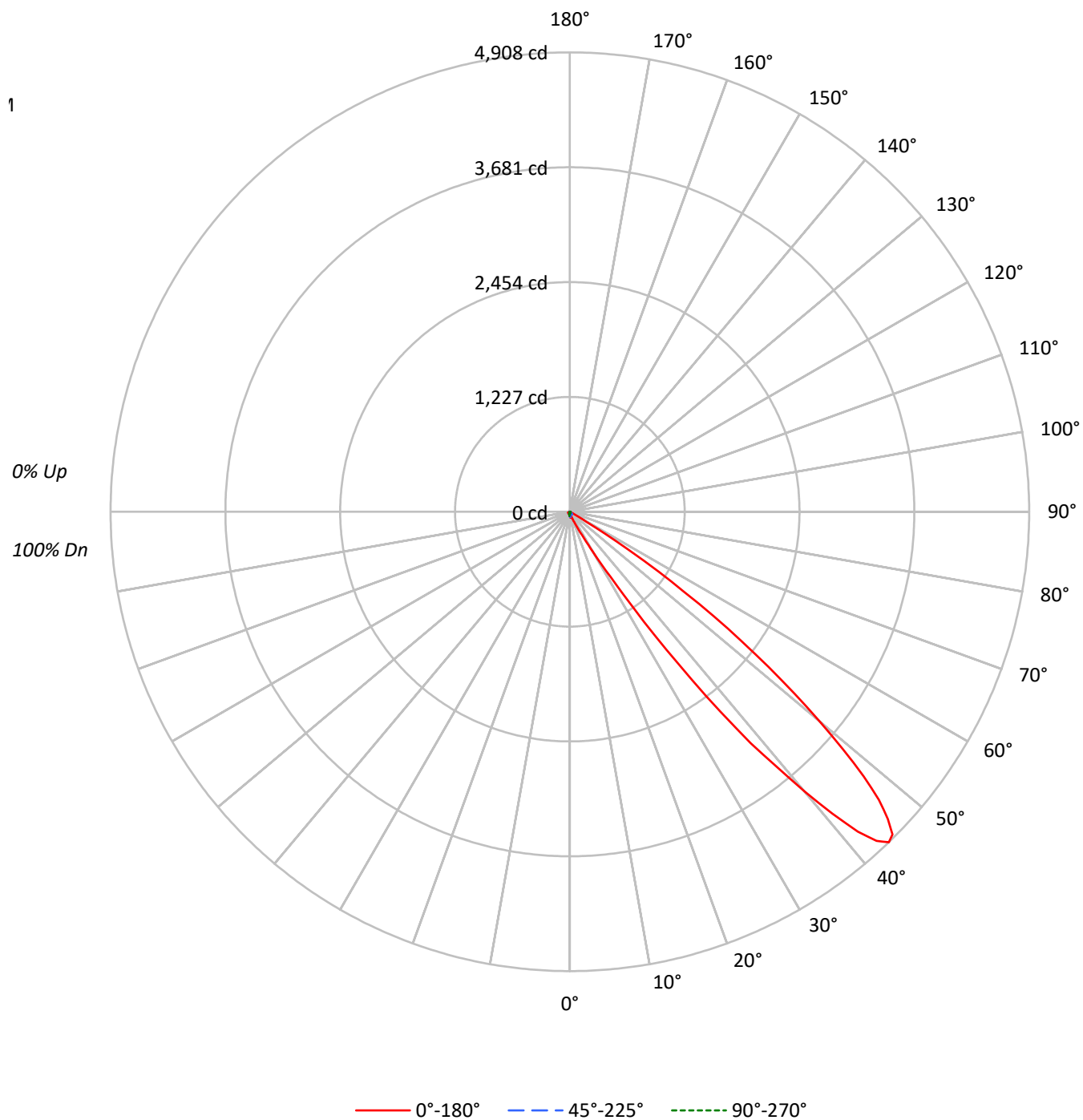
Lumens per Lamp: N/A  
Luminaire Lumens: 548.0 lumens  
Efficiency: N/A  
Efficacy: 76.1 lumens/watt  
Spacing Criteria (0/90/45): 3.26 / 0.48 / 1.09  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 7.2  
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: P1312194

CATALOG NUMBER: LDSQA3D05R159050DE010 3LSQCA45R 1MW

### Luminous Intensity Polar Plot



TEST NUMBER: P1312194

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**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 | 102 | 102 | 100 |
| 1   | 110 | 106 | 102 | 99  | 107 | 104 | 100 | 97  | 100 | 97  | 94  | 96  | 93  | 91  | 92  | 90  | 89  | 89  | 89  | 87  |
| 2   | 101 | 93  | 87  | 81  | 98  | 91  | 85  | 80  | 87  | 83  | 78  | 84  | 80  | 77  | 81  | 78  | 75  | 75  | 75  | 73  |
| 3   | 91  | 81  | 73  | 67  | 89  | 79  | 72  | 66  | 76  | 70  | 65  | 74  | 68  | 64  | 71  | 67  | 63  | 63  | 63  | 61  |
| 4   | 83  | 71  | 62  | 55  | 80  | 69  | 61  | 55  | 67  | 60  | 54  | 64  | 58  | 53  | 62  | 57  | 53  | 53  | 53  | 50  |
| 5   | 75  | 62  | 52  | 46  | 73  | 61  | 52  | 45  | 58  | 51  | 45  | 56  | 50  | 44  | 55  | 49  | 44  | 44  | 44  | 42  |
| 6   | 68  | 54  | 45  | 38  | 66  | 53  | 44  | 38  | 51  | 43  | 37  | 49  | 42  | 37  | 48  | 42  | 37  | 37  | 37  | 35  |
| 7   | 62  | 47  | 38  | 32  | 60  | 47  | 38  | 32  | 45  | 37  | 31  | 44  | 36  | 31  | 42  | 36  | 31  | 31  | 31  | 29  |
| 8   | 56  | 42  | 33  | 27  | 55  | 41  | 33  | 27  | 40  | 32  | 26  | 39  | 31  | 26  | 37  | 31  | 26  | 26  | 26  | 24  |
| 9   | 52  | 37  | 28  | 22  | 50  | 37  | 28  | 22  | 35  | 28  | 22  | 34  | 27  | 22  | 33  | 27  | 22  | 22  | 22  | 20  |
| 10  | 48  | 33  | 25  | 19  | 46  | 33  | 25  | 19  | 32  | 24  | 19  | 31  | 24  | 19  | 30  | 23  | 19  | 19  | 19  | 17  |

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

|     | 0°      | 45°  | 90°  | 135° | 180°  |
|-----|---------|------|------|------|-------|
| 0°  | 8370    | 8370 | 8370 | 8370 | 8370  |
| 5°  | 10390   | 9249 | 7555 | 6604 | 6518  |
| 10° | 10230   | 7940 | 5823 | 5159 | 5264  |
| 15° | 8469    | 5652 | 4190 | 4279 | 4582  |
| 20° | 14717   | 4509 | 3207 | 3702 | 4197  |
| 25° | 32818   | 5397 | 2603 | 3420 | 3953  |
| 30° | 98120   | 6622 | 2287 | 3361 | 4136  |
| 35° | 377726  | 7464 | 2060 | 3448 | 4373  |
| 40° | 876733  | 6520 | 1956 | 3552 | 4676  |
| 45° | 1187499 | 4920 | 1729 | 3848 | 5066  |
| 50° | 931113  | 2920 | 1768 | 4099 | 5573  |
| 55° | 446908  | 1321 | 1651 | 4444 | 6065  |
| 60° | 40851   | 172  | 1516 | 4719 | 6786  |
| 65° | 4442    | 0    | 1345 | 4890 | 7335  |
| 70° | 1108    | 0    | 1662 | 5237 | 7956  |
| 75° | 1065    | 333  | 2196 | 5789 | 9116  |
| 80° | 1091    | 1091 | 2678 | 5951 | 9720  |
| 85° | 988     | 988  | 4347 | 5335 | 10868 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1187499 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 4.2    | 0.8       |
| 10°-20°   | 8.6    | 1.6       |
| 20°-30°   | 20.7   | 3.8       |
| 30°-40°   | 113.4  | 20.7      |
| 40°-50°   | 274.5  | 50.1      |
| 50°-60°   | 109.5  | 20.0      |
| 60°-70°   | 9.5    | 1.7       |
| 70°-80°   | 5.3    | 1.0       |
| 80°-90°   | 2.3    | 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°    | 33.5   | 6.1       |
| 0°-40°    | 146.9  | 26.8      |
| 0°-60°    | 530.8  | 96.9      |
| 0°-90°    | 548.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 548.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 49   | 49  | 49  | 49   | 49   |      |
| 5°  | 60   | 54  | 44  | 38   | 38   | 6    |
| 15° | 48   | 32  | 24  | 24   | 26   | 17   |
| 25° | 173  | 28  | 14  | 18   | 21   | 104  |
| 35° | 1797 | 36  | 10  | 16   | 21   | 1270 |
| 45° | 4876 | 20  | 7   | 16   | 21   | 3439 |
| 55° | 1488 | 4   | 6   | 15   | 20   | 1387 |
| 65° | 11   | 0   | 3   | 12   | 18   | 28   |
| 75° | 2    | 0   | 3   | 9    | 14   | 2    |
| 85° | 0    | 0   | 2   | 3    | 6    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°   | 22.5° | 45°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|------|
| 0°    | 48.6   | 48.6   | 48.6   | 48.6   | 48.6   | 48.6   | 48.6   | 48.6   | 48.6  | 48.6  | 48.6 |
| 2.5°  | 54.6   | 54.6   | 55.2   | 54.6   | 54.6   | 54.6   | 54.6   | 54.1   | 54.1  | 54.1  | 52.5 |
| 5°    | 60.1   | 60.1   | 60.1   | 60.1   | 59.6   | 59.6   | 59.6   | 59.0   | 59.0  | 58.5  | 53.5 |
| 7.5°  | 62.3   | 62.3   | 61.7   | 61.7   | 61.2   | 61.2   | 60.7   | 60.1   | 59.6  | 59.0  | 51.4 |
| 10°   | 58.5   | 58.5   | 58.5   | 57.9   | 57.9   | 57.4   | 56.8   | 56.3   | 55.7  | 54.6  | 45.4 |
| 12.5° | 51.9   | 51.9   | 52.5   | 51.9   | 51.4   | 50.8   | 49.7   | 49.2   | 48.6  | 47.5  | 37.7 |
| 15°   | 47.5   | 47.5   | 47.5   | 47.0   | 46.4   | 45.4   | 44.8   | 43.7   | 43.2  | 41.5  | 31.7 |
| 17.5° | 60.7   | 60.7   | 60.1   | 59.0   | 56.8   | 55.2   | 52.5   | 50.3   | 47.5  | 44.3  | 27.3 |
| 20°   | 80.3   | 80.3   | 79.2   | 78.1   | 75.4   | 72.7   | 68.3   | 64.5   | 60.1  | 56.3  | 24.6 |
| 22.5° | 116.4  | 118.0  | 114.7  | 110.9  | 107.1  | 100.5  | 94.5   | 88.5   | 80.9  | 74.3  | 25.1 |
| 25°   | 172.7  | 174.3  | 172.7  | 163.9  | 156.8  | 148.1  | 136.6  | 124.6  | 111.5 | 99.4  | 28.4 |
| 27.5° | 279.8  | 280.9  | 278.1  | 256.8  | 245.3  | 222.4  | 202.2  | 182.5  | 160.6 | 138.8 | 31.1 |
| 30°   | 493.4  | 494.0  | 476.5  | 433.8  | 396.1  | 345.9  | 303.3  | 262.3  | 227.9 | 192.9 | 33.3 |
| 31°   | 649.7  | 634.4  | 597.2  | 545.9  | 485.8  | 418.0  | 359.5  | 306.5  | 255.2 | 217.5 | 33.9 |
| 32°   | 825.1  | 822.9  | 761.1  | 672.1  | 591.8  | 507.1  | 419.1  | 351.3  | 292.3 | 241.0 | 34.4 |
| 33°   | 1057.3 | 1058.4 | 961.1  | 856.2  | 724.5  | 610.9  | 495.6  | 402.7  | 331.7 | 268.8 | 35.5 |
| 34°   | 1420.1 | 1334.9 | 1220.7 | 1078.6 | 899.4  | 728.4  | 578.6  | 462.3  | 367.2 | 295.6 | 35.5 |
| 35°   | 1796.6 | 1710.8 | 1585.1 | 1369.8 | 1124.0 | 884.6  | 677.5  | 526.2  | 409.8 | 324.6 | 35.5 |
| 36°   | 2218.4 | 2145.7 | 1955.6 | 1680.7 | 1367.1 | 1032.2 | 782.5  | 600.0  | 451.9 | 350.8 | 35.0 |
| 37°   | 2674.1 | 2567.6 | 2356.7 | 2056.7 | 1637.0 | 1239.8 | 910.3  | 673.2  | 494.0 | 379.2 | 33.9 |
| 38°   | 3136.9 | 3040.8 | 2774.7 | 2411.3 | 1959.4 | 1458.9 | 1038.2 | 743.7  | 532.7 | 400.5 | 32.2 |
| 39°   | 3487.7 | 3435.3 | 3171.3 | 2765.4 | 2216.8 | 1666.5 | 1169.9 | 819.1  | 573.7 | 421.8 | 30.6 |
| 40°   | 3899.7 | 3815.0 | 3564.8 | 3062.6 | 2521.1 | 1878.0 | 1298.8 | 885.7  | 607.6 | 438.8 | 29.0 |
| 41°   | 4275.6 | 4168.5 | 3852.7 | 3367.5 | 2764.8 | 2068.2 | 1421.2 | 954.6  | 634.9 | 448.6 | 27.9 |
| 42°   | 4598.0 | 4473.4 | 4143.4 | 3628.7 | 2968.6 | 2220.1 | 1519.0 | 1003.8 | 660.6 | 456.8 | 26.2 |
| 43°   | 4806.7 | 4699.1 | 4374.5 | 3824.9 | 3142.9 | 2359.4 | 1610.3 | 1055.1 | 676.5 | 462.3 | 24.0 |
| 44°   | 4908.4 | 4799.6 | 4485.5 | 3947.8 | 3250.0 | 2443.0 | 1669.3 | 1090.6 | 693.9 | 469.4 | 22.4 |
| 45°   | 4875.6 | 4765.2 | 4461.4 | 3950.0 | 3283.4 | 2473.0 | 1694.4 | 1106.5 | 703.2 | 475.9 | 20.2 |
| 46°   | 4725.3 | 4647.7 | 4341.8 | 3847.3 | 3220.0 | 2440.8 | 1680.2 | 1094.5 | 699.9 | 475.9 | 18.0 |
| 47°   | 4514.4 | 4425.9 | 4134.7 | 3670.8 | 3066.4 | 2357.7 | 1622.8 | 1057.8 | 679.7 | 465.0 | 15.8 |
| 48°   | 4227.0 | 4151.6 | 3845.6 | 3390.5 | 2830.9 | 2176.9 | 1493.3 | 998.3  | 648.0 | 443.7 | 13.7 |
| 49°   | 3866.4 | 3761.5 | 3476.8 | 3032.0 | 2523.9 | 1920.1 | 1323.4 | 897.7  | 597.2 | 413.6 | 12.0 |
| 50°   | 3475.2 | 3345.7 | 3126.0 | 2673.0 | 2206.4 | 1646.3 | 1099.9 | 759.0  | 525.6 | 374.3 | 10.9 |
| 51°   | 3092.1 | 2960.4 | 2751.2 | 2365.9 | 1867.6 | 1366.0 | 887.4  | 606.0  | 432.8 | 320.2 | 9.3  |
| 52°   | 2694.9 | 2584.5 | 2350.1 | 2047.4 | 1598.8 | 1107.0 | 739.3  | 512.5  | 359.5 | 268.8 | 7.6  |
| 53°   | 2299.3 | 2223.9 | 2000.9 | 1694.4 | 1284.6 | 904.3  | 603.8  | 438.8  | 313.6 | 230.0 | 6.0  |
| 54°   | 1903.1 | 1820.6 | 1651.2 | 1378.0 | 1035.4 | 713.6  | 512.0  | 367.2  | 272.1 | 200.5 | 5.5  |
| 55°   | 1488.4 | 1445.8 | 1289.5 | 1050.7 | 784.6  | 569.4  | 415.3  | 315.8  | 227.9 | 167.7 | 4.4  |
| 56°   | 1146.4 | 1098.3 | 955.7  | 762.2  | 583.0  | 445.9  | 336.0  | 257.9  | 192.9 | 140.4 | 3.3  |
| 57°   | 750.8  | 701.6  | 607.1  | 532.2  | 424.6  | 325.1  | 256.8  | 203.3  | 156.8 | 116.4 | 2.7  |
| 58°   | 443.7  | 398.9  | 384.1  | 327.8  | 283.0  | 220.7  | 189.6  | 151.4  | 115.8 | 91.8  | 1.6  |
| 59°   | 203.8  | 207.1  | 184.1  | 172.7  | 156.8  | 140.4  | 115.3  | 101.1  | 79.2  | 66.1  | 1.1  |
| 60°   | 118.6  | 112.0  | 109.3  | 97.8   | 86.9   | 77.0   | 69.4   | 61.2   | 49.7  | 42.6  | 0.5  |
| 62.5° | 40.4   | 38.8   | 39.9   | 36.1   | 33.9   | 32.8   | 30.1   | 25.7   | 21.3  | 17.5  | 0.0  |
| 65°   | 10.9   | 10.9   | 10.4   | 9.8    | 9.3    | 8.7    | 8.2    | 7.1    | 6.6   | 5.5   | 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° | 3.8 | 3.8  | 3.3 | 3.3  | 2.7 | 2.7   | 2.2 | 2.2   | 1.6 | 1.6   | 0.0 |
| 70°   | 2.2 | 2.2  | 2.2 | 1.6  | 1.6 | 1.6   | 1.1 | 1.1   | 1.1 | 0.5   | 0.0 |
| 72.5° | 1.6 | 1.6  | 1.6 | 1.6  | 1.6 | 1.6   | 1.1 | 1.1   | 1.1 | 0.5   | 0.5 |
| 75°   | 1.6 | 1.6  | 1.6 | 1.1  | 1.1 | 1.1   | 1.1 | 1.1   | 1.1 | 1.1   | 0.5 |
| 77.5° | 1.1 | 1.1  | 1.1 | 1.1  | 1.1 | 1.1   | 1.1 | 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 | 0.5   | 1.1 |
| 82.5° | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 | 0.5   | 1.1 |
| 85°   | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.5 |
| 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°    | 48.6  | 48.6 | 48.6   | 48.6 | 48.6   | 48.6 |
| 2.5°  | 50.3  | 48.1 | 45.4   | 43.7 | 43.2   | 42.6 |
| 5°    | 48.1  | 43.7 | 40.4   | 38.2 | 37.7   | 37.7 |
| 7.5°  | 43.2  | 38.2 | 35.0   | 33.9 | 33.3   | 33.3 |
| 10°   | 37.7  | 33.3 | 30.6   | 29.5 | 30.1   | 30.1 |
| 12.5° | 31.7  | 27.9 | 26.8   | 26.8 | 27.3   | 27.9 |
| 15°   | 25.7  | 23.5 | 23.5   | 24.0 | 25.1   | 25.7 |
| 17.5° | 21.3  | 20.2 | 20.8   | 21.9 | 22.9   | 24.0 |
| 20°   | 17.5  | 17.5 | 18.6   | 20.2 | 21.9   | 22.9 |
| 22.5° | 14.8  | 15.3 | 16.9   | 18.6 | 20.8   | 21.9 |
| 25°   | 12.6  | 13.7 | 15.3   | 18.0 | 20.2   | 20.8 |
| 27.5° | 10.9  | 12.6 | 14.8   | 17.5 | 19.7   | 20.8 |
| 30°   | 9.3   | 11.5 | 14.2   | 16.9 | 19.7   | 20.8 |
| 31°   | 8.7   | 10.9 | 13.7   | 16.9 | 19.7   | 20.8 |
| 32°   | 8.2   | 10.9 | 13.7   | 16.9 | 19.7   | 20.8 |
| 33°   | 7.6   | 10.4 | 13.7   | 16.4 | 19.7   | 20.8 |
| 34°   | 7.1   | 10.4 | 13.7   | 16.9 | 19.7   | 20.8 |
| 35°   | 6.6   | 9.8  | 13.1   | 16.4 | 19.1   | 20.8 |
| 36°   | 6.0   | 9.8  | 13.1   | 16.4 | 19.7   | 20.8 |
| 37°   | 5.5   | 9.8  | 13.1   | 16.4 | 19.1   | 20.8 |
| 38°   | 5.5   | 9.3  | 12.6   | 16.4 | 19.1   | 20.8 |
| 39°   | 4.9   | 8.7  | 12.6   | 16.4 | 19.1   | 20.8 |
| 40°   | 4.4   | 8.7  | 12.0   | 15.8 | 19.1   | 20.8 |
| 41°   | 3.8   | 8.2  | 12.0   | 15.8 | 19.1   | 20.8 |
| 42°   | 3.3   | 8.2  | 12.0   | 15.8 | 19.1   | 20.8 |
| 43°   | 2.7   | 7.6  | 11.5   | 15.8 | 19.1   | 20.8 |
| 44°   | 2.7   | 7.6  | 11.5   | 15.8 | 19.1   | 20.8 |
| 45°   | 2.2   | 7.1  | 10.9   | 15.8 | 19.1   | 20.8 |
| 46°   | 2.2   | 7.1  | 10.9   | 15.3 | 19.1   | 20.8 |
| 47°   | 1.6   | 7.1  | 10.9   | 15.3 | 19.1   | 20.8 |
| 48°   | 1.6   | 6.6  | 10.9   | 15.3 | 19.1   | 20.8 |
| 49°   | 1.1   | 6.6  | 10.9   | 15.3 | 19.1   | 20.8 |
| 50°   | 1.1   | 6.6  | 10.4   | 15.3 | 19.1   | 20.8 |
| 51°   | 1.1   | 6.6  | 10.4   | 15.3 | 19.1   | 20.8 |
| 52°   | 1.1   | 6.0  | 10.4   | 15.3 | 19.1   | 20.8 |
| 53°   | 1.1   | 6.0  | 10.4   | 15.3 | 19.1   | 20.8 |
| 54°   | 1.1   | 6.0  | 9.8    | 15.3 | 19.1   | 20.8 |
| 55°   | 1.1   | 5.5  | 9.8    | 14.8 | 19.1   | 20.2 |
| 56°   | 1.1   | 5.5  | 9.8    | 14.8 | 19.1   | 20.2 |
| 57°   | 1.1   | 5.5  | 9.3    | 14.8 | 19.1   | 20.2 |
| 58°   | 1.1   | 4.9  | 9.3    | 14.2 | 18.6   | 20.2 |
| 59°   | 1.1   | 4.9  | 8.7    | 14.2 | 18.6   | 19.7 |
| 60°   | 1.1   | 4.4  | 8.7    | 13.7 | 18.0   | 19.7 |
| 62.5° | 1.1   | 3.8  | 7.6    | 13.1 | 17.5   | 18.6 |
| 65°   | 1.1   | 3.3  | 7.1    | 12.0 | 16.9   | 18.0 |



TEST NUMBER: P1312194

CATALOG NUMBER: LDSQA3D05R159050DE010 3LSQCA45R 1MW

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.1   | 3.3 | 6.6    | 11.5 | 15.8   | 17.5 |
| 70°   | 1.1   | 3.3 | 6.0    | 10.4 | 15.3   | 15.8 |
| 72.5° | 1.6   | 3.3 | 5.5    | 9.8  | 14.2   | 14.8 |
| 75°   | 2.2   | 3.3 | 4.9    | 8.7  | 13.1   | 13.7 |
| 77.5° | 2.2   | 3.3 | 4.4    | 7.6  | 11.5   | 12.0 |
| 80°   | 2.2   | 2.7 | 3.8    | 6.0  | 9.3    | 9.8  |
| 82.5° | 2.2   | 2.7 | 2.7    | 4.9  | 7.1    | 7.6  |
| 85°   | 1.6   | 2.2 | 2.2    | 2.7  | 4.9    | 5.5  |
| 87.5° | 1.6   | 2.2 | 1.1    | 1.6  | 2.2    | 2.2  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)