

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: P1318012

Luminaire Tested: LDSQA3D05R159830DE010 3LSQCA45R 1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1318012  
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: LDSQA3D05R159830DE010 3LSQCA45R 1MMS  
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , 3LSQCA45R 1MMS TRII  
Light Source: -  
Ballast/Driver: -

**Summary**

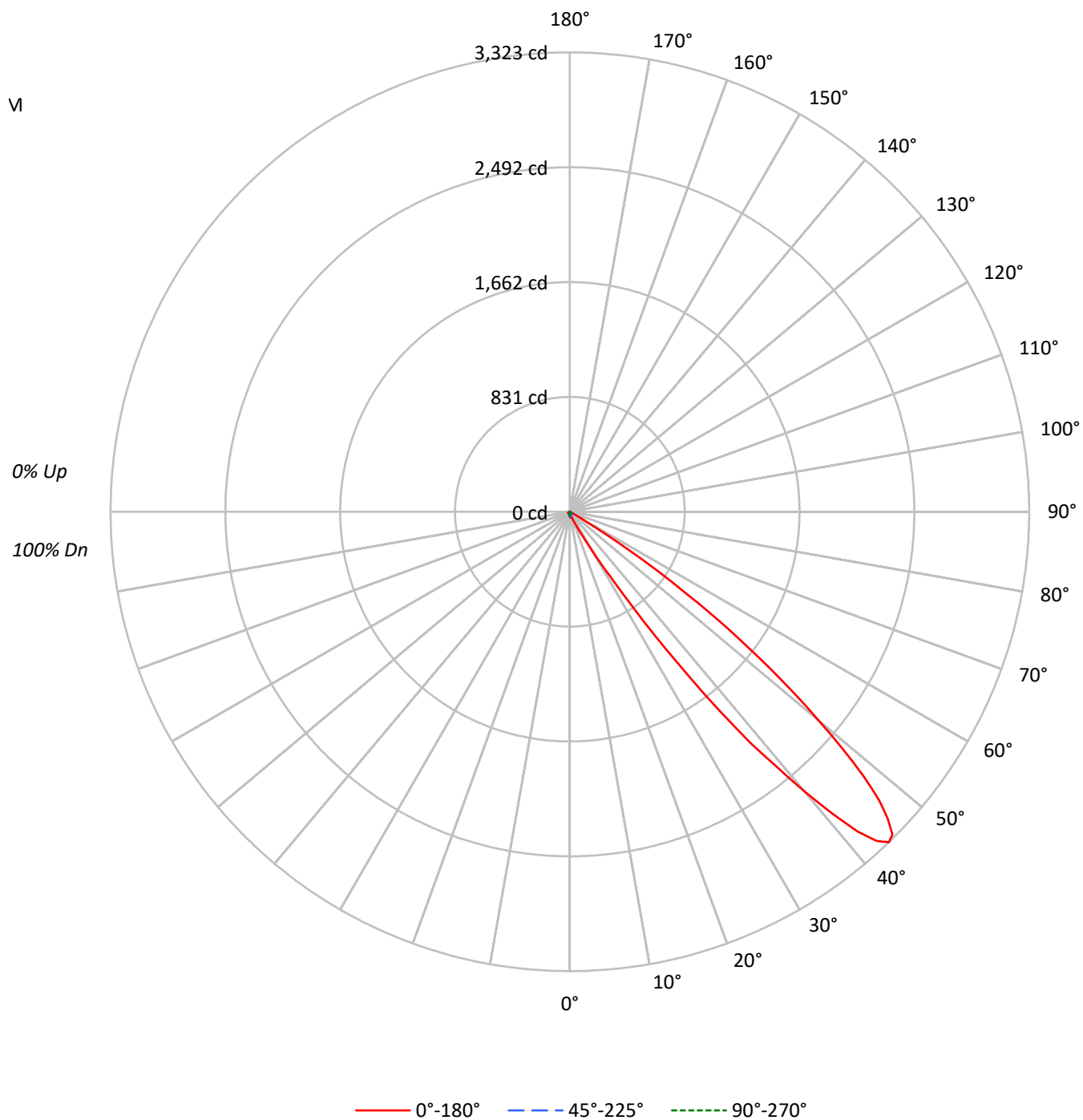
Lumens per Lamp: N/A  
Luminaire Lumens: 371.0 lumens  
Efficiency: N/A  
Efficacy: 51.5 lumens/watt  
Spacing Criteria (0/90/45): 3.26 / 0.48 / 1.08  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

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

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### Luminous Intensity Polar Plot





TEST NUMBER: P1318012

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

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

|     | 0°     | 45°  | 90°  | 135° | 180° |
|-----|--------|------|------|------|------|
| 0°  | 5666   | 5666 | 5666 | 5666 | 5666 |
| 5°  | 7036   | 6276 | 5117 | 4478 | 4408 |
| 10° | 6925   | 5369 | 3952 | 3498 | 3550 |
| 15° | 5741   | 3833 | 2835 | 2906 | 3102 |
| 20° | 9970   | 3042 | 2163 | 2511 | 2841 |
| 25° | 22214  | 3649 | 1748 | 2318 | 2679 |
| 30° | 66421  | 4494 | 1551 | 2287 | 2804 |
| 35° | 255721 | 5046 | 1409 | 2334 | 2964 |
| 40° | 593549 | 4406 | 1326 | 2406 | 3170 |
| 45° | 803942 | 3337 | 1169 | 2606 | 3434 |
| 50° | 630361 | 1983 | 1179 | 2786 | 3778 |
| 55° | 302573 | 901  | 1111 | 3003 | 4114 |
| 60° | 27659  | 138  | 1033 | 3169 | 4581 |
| 65° | 3016   | 0    | 897  | 3301 | 4972 |
| 70° | 755    | 0    | 1108 | 3525 | 5388 |
| 75° | 732    | 266  | 1464 | 3926 | 6122 |
| 80° | 694    | 694  | 1785 | 4066 | 6645 |
| 85° | 790    | 790  | 2964 | 3557 | 7311 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle:  $45^\circ$

Luminance: 803942 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.8    | 0.8       |
| 10°-20°   | 5.9    | 1.6       |
| 20°-30°   | 14.0   | 3.8       |
| 30°-40°   | 76.7   | 20.7      |
| 40°-50°   | 185.8  | 50.1      |
| 50°-60°   | 74.1   | 20.0      |
| 60°-70°   | 6.4    | 1.7       |
| 70°-80°   | 3.6    | 1.0       |
| 80°-90°   | 1.6    | 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°    | 22.7   | 6.1       |
| 0°-40°    | 99.4   | 26.8      |
| 0°-60°    | 359.4  | 96.9      |
| 0°-90°    | 371.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 371.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 33   | 33  | 33  | 33   | 33   |      |
| 5°  | 41   | 36  | 30  | 26   | 26   | 4    |
| 15° | 32   | 22  | 16  | 16   | 17   | 11   |
| 25° | 117  | 19  | 9   | 12   | 14   | 70   |
| 35° | 1216 | 24  | 7   | 11   | 14   | 859  |
| 45° | 3301 | 14  | 5   | 11   | 14   | 2328 |
| 55° | 1008 | 3   | 4   | 10   | 14   | 939  |
| 65° | 7    | 0   | 2   | 8    | 12   | 19   |
| 75° | 1    | 0   | 2   | 6    | 9    | 1    |
| 85° | 0    | 0   | 2   | 2    | 4    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

TEST NUMBER: P1318012

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5° | 20°   | 22.5° | 45°  |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|------|
| 0°    | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9  | 32.9  | 32.9  | 32.9 |
| 2.5°  | 37.0   | 37.0   | 37.4   | 37.0   | 37.0   | 37.0   | 37.0   | 36.6  | 36.6  | 36.6  | 35.5 |
| 5°    | 40.7   | 40.7   | 40.7   | 40.7   | 40.3   | 40.3   | 40.3   | 40.0  | 40.0  | 39.6  | 36.3 |
| 7.5°  | 42.2   | 42.2   | 41.8   | 41.8   | 41.4   | 41.4   | 41.1   | 40.7  | 40.3  | 40.0  | 34.8 |
| 10°   | 39.6   | 39.6   | 39.6   | 39.2   | 39.2   | 38.8   | 38.5   | 38.1  | 37.7  | 37.0  | 30.7 |
| 12.5° | 35.1   | 35.1   | 35.5   | 35.1   | 34.8   | 34.4   | 33.7   | 33.3  | 32.9  | 32.2  | 25.5 |
| 15°   | 32.2   | 32.2   | 32.2   | 31.8   | 31.4   | 30.7   | 30.3   | 29.6  | 29.2  | 28.1  | 21.5 |
| 17.5° | 41.1   | 41.1   | 40.7   | 40.0   | 38.5   | 37.4   | 35.5   | 34.0  | 32.2  | 30.0  | 18.5 |
| 20°   | 54.4   | 54.4   | 53.6   | 52.9   | 51.0   | 49.2   | 46.2   | 43.7  | 40.7  | 38.1  | 16.6 |
| 22.5° | 78.8   | 79.9   | 77.7   | 75.1   | 72.5   | 68.1   | 64.0   | 59.9  | 54.7  | 50.3  | 17.0 |
| 25°   | 116.9  | 118.0  | 116.9  | 111.0  | 106.2  | 100.2  | 92.5   | 84.3  | 75.5  | 67.3  | 19.2 |
| 27.5° | 189.4  | 190.1  | 188.3  | 173.9  | 166.1  | 150.6  | 136.9  | 123.6 | 108.8 | 94.0  | 21.1 |
| 30°   | 334.0  | 334.4  | 322.6  | 293.7  | 268.2  | 234.2  | 205.3  | 177.6 | 154.3 | 130.6 | 22.6 |
| 31°   | 439.8  | 429.5  | 404.3  | 369.6  | 328.9  | 283.0  | 243.4  | 207.5 | 172.8 | 147.2 | 22.9 |
| 32°   | 558.6  | 557.1  | 515.3  | 455.0  | 400.6  | 343.3  | 283.7  | 237.9 | 197.9 | 163.1 | 23.3 |
| 33°   | 715.8  | 716.5  | 650.7  | 579.7  | 490.5  | 413.6  | 335.5  | 272.6 | 224.5 | 182.0 | 24.0 |
| 34°   | 961.4  | 903.7  | 826.4  | 730.2  | 608.9  | 493.1  | 391.7  | 313.0 | 248.6 | 200.1 | 24.0 |
| 35°   | 1216.3 | 1158.2 | 1073.1 | 927.4  | 760.9  | 598.9  | 458.7  | 356.2 | 277.4 | 219.7 | 24.0 |
| 36°   | 1501.9 | 1452.7 | 1324.0 | 1137.9 | 925.5  | 698.8  | 529.7  | 406.2 | 305.9 | 237.5 | 23.7 |
| 37°   | 1810.4 | 1738.3 | 1595.5 | 1392.4 | 1108.3 | 839.4  | 616.3  | 455.7 | 334.4 | 256.7 | 22.9 |
| 38°   | 2123.7 | 2058.6 | 1878.5 | 1632.5 | 1326.5 | 987.7  | 702.9  | 503.5 | 360.7 | 271.2 | 21.8 |
| 39°   | 2361.2 | 2325.7 | 2147.0 | 1872.2 | 1500.8 | 1128.3 | 792.0  | 554.5 | 388.4 | 285.6 | 20.7 |
| 40°   | 2640.1 | 2582.8 | 2413.4 | 2073.4 | 1706.8 | 1271.4 | 879.3  | 599.6 | 411.4 | 297.0 | 19.6 |
| 41°   | 2894.6 | 2822.1 | 2608.3 | 2279.8 | 1871.8 | 1400.2 | 962.2  | 646.3 | 429.8 | 303.7 | 18.9 |
| 42°   | 3112.9 | 3028.6 | 2805.1 | 2456.7 | 2009.8 | 1503.0 | 1028.4 | 679.5 | 447.2 | 309.3 | 17.8 |
| 43°   | 3254.2 | 3181.3 | 2961.6 | 2589.5 | 2127.8 | 1597.3 | 1090.2 | 714.3 | 458.0 | 313.0 | 16.3 |
| 44°   | 3323.0 | 3249.4 | 3036.7 | 2672.7 | 2200.3 | 1653.9 | 1130.1 | 738.4 | 469.8 | 317.8 | 15.2 |
| 45°   | 3300.8 | 3226.1 | 3020.4 | 2674.2 | 2222.9 | 1674.3 | 1147.1 | 749.1 | 476.1 | 322.2 | 13.7 |
| 46°   | 3199.1 | 3146.6 | 2939.4 | 2604.6 | 2179.9 | 1652.4 | 1137.5 | 741.0 | 473.9 | 322.2 | 12.2 |
| 47°   | 3056.3 | 2996.4 | 2799.2 | 2485.1 | 2076.0 | 1596.2 | 1098.7 | 716.2 | 460.2 | 314.8 | 10.7 |
| 48°   | 2861.7 | 2810.7 | 2603.5 | 2295.4 | 1916.6 | 1473.8 | 1011.0 | 675.8 | 438.7 | 300.4 | 9.2  |
| 49°   | 2617.6 | 2546.5 | 2353.8 | 2052.7 | 1708.7 | 1299.9 | 896.0  | 607.8 | 404.3 | 280.0 | 8.1  |
| 50°   | 2352.7 | 2265.0 | 2116.3 | 1809.7 | 1493.7 | 1114.6 | 744.7  | 513.8 | 355.9 | 253.4 | 7.4  |
| 51°   | 2093.4 | 2004.2 | 1862.6 | 1601.8 | 1264.4 | 924.8  | 600.8  | 410.2 | 293.0 | 216.8 | 6.3  |
| 52°   | 1824.5 | 1749.7 | 1591.0 | 1386.1 | 1082.4 | 749.5  | 500.5  | 347.0 | 243.4 | 182.0 | 5.2  |
| 53°   | 1556.6 | 1505.6 | 1354.7 | 1147.1 | 869.7  | 612.2  | 408.8  | 297.0 | 212.3 | 155.7 | 4.1  |
| 54°   | 1288.4 | 1232.6 | 1117.9 | 932.9  | 701.0  | 483.1  | 346.6  | 248.6 | 184.2 | 135.8 | 3.7  |
| 55°   | 1007.7 | 978.8  | 873.0  | 711.4  | 531.2  | 385.5  | 281.1  | 213.8 | 154.3 | 113.6 | 3.0  |
| 56°   | 776.1  | 743.5  | 647.0  | 516.0  | 394.7  | 301.9  | 227.5  | 174.6 | 130.6 | 95.1  | 2.2  |
| 57°   | 508.3  | 475.0  | 411.0  | 360.3  | 287.4  | 220.1  | 173.9  | 137.6 | 106.2 | 78.8  | 1.8  |
| 58°   | 300.4  | 270.0  | 260.1  | 222.0  | 191.6  | 149.4  | 128.4  | 102.5 | 78.4  | 62.1  | 1.1  |
| 59°   | 138.0  | 140.2  | 124.7  | 116.9  | 106.2  | 95.1   | 78.1   | 68.4  | 53.6  | 44.8  | 0.7  |
| 60°   | 80.3   | 75.8   | 74.0   | 66.2   | 58.8   | 52.2   | 47.0   | 41.4  | 33.7  | 28.9  | 0.4  |
| 62.5° | 27.4   | 26.3   | 27.0   | 24.4   | 22.9   | 22.2   | 20.3   | 17.4  | 14.4  | 11.8  | 0.0  |
| 65°   | 7.4    | 7.4    | 7.0    | 6.7    | 6.3    | 5.9    | 5.5    | 4.8   | 4.4   | 3.7   | 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° | 2.6 | 2.6  | 2.2 | 2.2  | 1.8 | 1.8   | 1.5 | 1.5   | 1.1 | 1.1   | 0.0 |
| 70°   | 1.5 | 1.5  | 1.5 | 1.1  | 1.1 | 1.1   | 0.7 | 0.7   | 0.7 | 0.4   | 0.0 |
| 72.5° | 1.1 | 1.1  | 1.1 | 1.1  | 1.1 | 1.1   | 0.7 | 0.7   | 0.7 | 0.4   | 0.4 |
| 75°   | 1.1 | 1.1  | 1.1 | 0.7  | 0.7 | 0.7   | 0.7 | 0.7   | 0.7 | 0.7   | 0.4 |
| 77.5° | 0.7 | 0.7  | 0.7 | 0.7  | 0.7 | 0.7   | 0.7 | 0.7   | 0.7 | 0.7   | 0.7 |
| 80°   | 0.7 | 0.7  | 0.7 | 0.7  | 0.7 | 0.7   | 0.7 | 0.7   | 0.7 | 0.4   | 0.7 |
| 82.5° | 0.4 | 0.4  | 0.4 | 0.4  | 0.4 | 0.4   | 0.4 | 0.4   | 0.4 | 0.4   | 0.7 |
| 85°   | 0.4 | 0.4  | 0.4 | 0.4  | 0.4 | 0.4   | 0.4 | 0.4   | 0.4 | 0.4   | 0.4 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.4 |
| 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°    | 32.9  | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 |
| 2.5°  | 34.0  | 32.6 | 30.7   | 29.6 | 29.2   | 28.9 |
| 5°    | 32.6  | 29.6 | 27.4   | 25.9 | 25.5   | 25.5 |
| 7.5°  | 29.2  | 25.9 | 23.7   | 22.9 | 22.6   | 22.6 |
| 10°   | 25.5  | 22.6 | 20.7   | 20.0 | 20.3   | 20.3 |
| 12.5° | 21.5  | 18.9 | 18.1   | 18.1 | 18.5   | 18.9 |
| 15°   | 17.4  | 15.9 | 15.9   | 16.3 | 17.0   | 17.4 |
| 17.5° | 14.4  | 13.7 | 14.1   | 14.8 | 15.5   | 16.3 |
| 20°   | 11.8  | 11.8 | 12.6   | 13.7 | 14.8   | 15.5 |
| 22.5° | 10.0  | 10.4 | 11.5   | 12.6 | 14.1   | 14.8 |
| 25°   | 8.5   | 9.2  | 10.4   | 12.2 | 13.7   | 14.1 |
| 27.5° | 7.4   | 8.5  | 10.0   | 11.8 | 13.3   | 14.1 |
| 30°   | 6.3   | 7.8  | 9.6    | 11.5 | 13.3   | 14.1 |
| 31°   | 5.9   | 7.4  | 9.2    | 11.5 | 13.3   | 14.1 |
| 32°   | 5.5   | 7.4  | 9.2    | 11.5 | 13.3   | 14.1 |
| 33°   | 5.2   | 7.0  | 9.2    | 11.1 | 13.3   | 14.1 |
| 34°   | 4.8   | 7.0  | 9.2    | 11.5 | 13.3   | 14.1 |
| 35°   | 4.4   | 6.7  | 8.9    | 11.1 | 12.9   | 14.1 |
| 36°   | 4.1   | 6.7  | 8.9    | 11.1 | 13.3   | 14.1 |
| 37°   | 3.7   | 6.7  | 8.9    | 11.1 | 12.9   | 14.1 |
| 38°   | 3.7   | 6.3  | 8.5    | 11.1 | 12.9   | 14.1 |
| 39°   | 3.3   | 5.9  | 8.5    | 11.1 | 12.9   | 14.1 |
| 40°   | 3.0   | 5.9  | 8.1    | 10.7 | 12.9   | 14.1 |
| 41°   | 2.6   | 5.5  | 8.1    | 10.7 | 12.9   | 14.1 |
| 42°   | 2.2   | 5.5  | 8.1    | 10.7 | 12.9   | 14.1 |
| 43°   | 1.8   | 5.2  | 7.8    | 10.7 | 12.9   | 14.1 |
| 44°   | 1.8   | 5.2  | 7.8    | 10.7 | 12.9   | 14.1 |
| 45°   | 1.5   | 4.8  | 7.4    | 10.7 | 12.9   | 14.1 |
| 46°   | 1.5   | 4.8  | 7.4    | 10.4 | 12.9   | 14.1 |
| 47°   | 1.1   | 4.8  | 7.4    | 10.4 | 12.9   | 14.1 |
| 48°   | 1.1   | 4.4  | 7.4    | 10.4 | 12.9   | 14.1 |
| 49°   | 0.7   | 4.4  | 7.4    | 10.4 | 12.9   | 14.1 |
| 50°   | 0.7   | 4.4  | 7.0    | 10.4 | 12.9   | 14.1 |
| 51°   | 0.7   | 4.4  | 7.0    | 10.4 | 12.9   | 14.1 |
| 52°   | 0.7   | 4.1  | 7.0    | 10.4 | 12.9   | 14.1 |
| 53°   | 0.7   | 4.1  | 7.0    | 10.4 | 12.9   | 14.1 |
| 54°   | 0.7   | 4.1  | 6.7    | 10.4 | 12.9   | 14.1 |
| 55°   | 0.7   | 3.7  | 6.7    | 10.0 | 12.9   | 13.7 |
| 56°   | 0.7   | 3.7  | 6.7    | 10.0 | 12.9   | 13.7 |
| 57°   | 0.7   | 3.7  | 6.3    | 10.0 | 12.9   | 13.7 |
| 58°   | 0.7   | 3.3  | 6.3    | 9.6  | 12.6   | 13.7 |
| 59°   | 0.7   | 3.3  | 5.9    | 9.6  | 12.6   | 13.3 |
| 60°   | 0.7   | 3.0  | 5.9    | 9.2  | 12.2   | 13.3 |
| 62.5° | 0.7   | 2.6  | 5.2    | 8.9  | 11.8   | 12.6 |
| 65°   | 0.7   | 2.2  | 4.8    | 8.1  | 11.5   | 12.2 |



TEST NUMBER: P1318012

CATALOG NUMBER: LDSQA3D05R159830DE010 3LSQCA45R 1MMS

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.7   | 2.2 | 4.4    | 7.8  | 10.7   | 11.8 |
| 70°   | 0.7   | 2.2 | 4.1    | 7.0  | 10.4   | 10.7 |
| 72.5° | 1.1   | 2.2 | 3.7    | 6.7  | 9.6    | 10.0 |
| 75°   | 1.5   | 2.2 | 3.3    | 5.9  | 8.9    | 9.2  |
| 77.5° | 1.5   | 2.2 | 3.0    | 5.2  | 7.8    | 8.1  |
| 80°   | 1.5   | 1.8 | 2.6    | 4.1  | 6.3    | 6.7  |
| 82.5° | 1.5   | 1.8 | 1.8    | 3.3  | 4.8    | 5.2  |
| 85°   | 1.1   | 1.5 | 1.5    | 1.8  | 3.3    | 3.7  |
| 87.5° | 1.1   | 1.5 | 0.7    | 1.1  | 1.5    | 1.5  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)