

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: P1312036

Luminaire Tested: LDSQA3D02R159050DE010 3LSQCA45R 1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1312036  
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: LDSQA3D02R159050DE010 3LSQCA45R 1MMS  
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , 3LSQCA45R 1MMS TRII  
Light Source: -  
Ballast/Driver: -

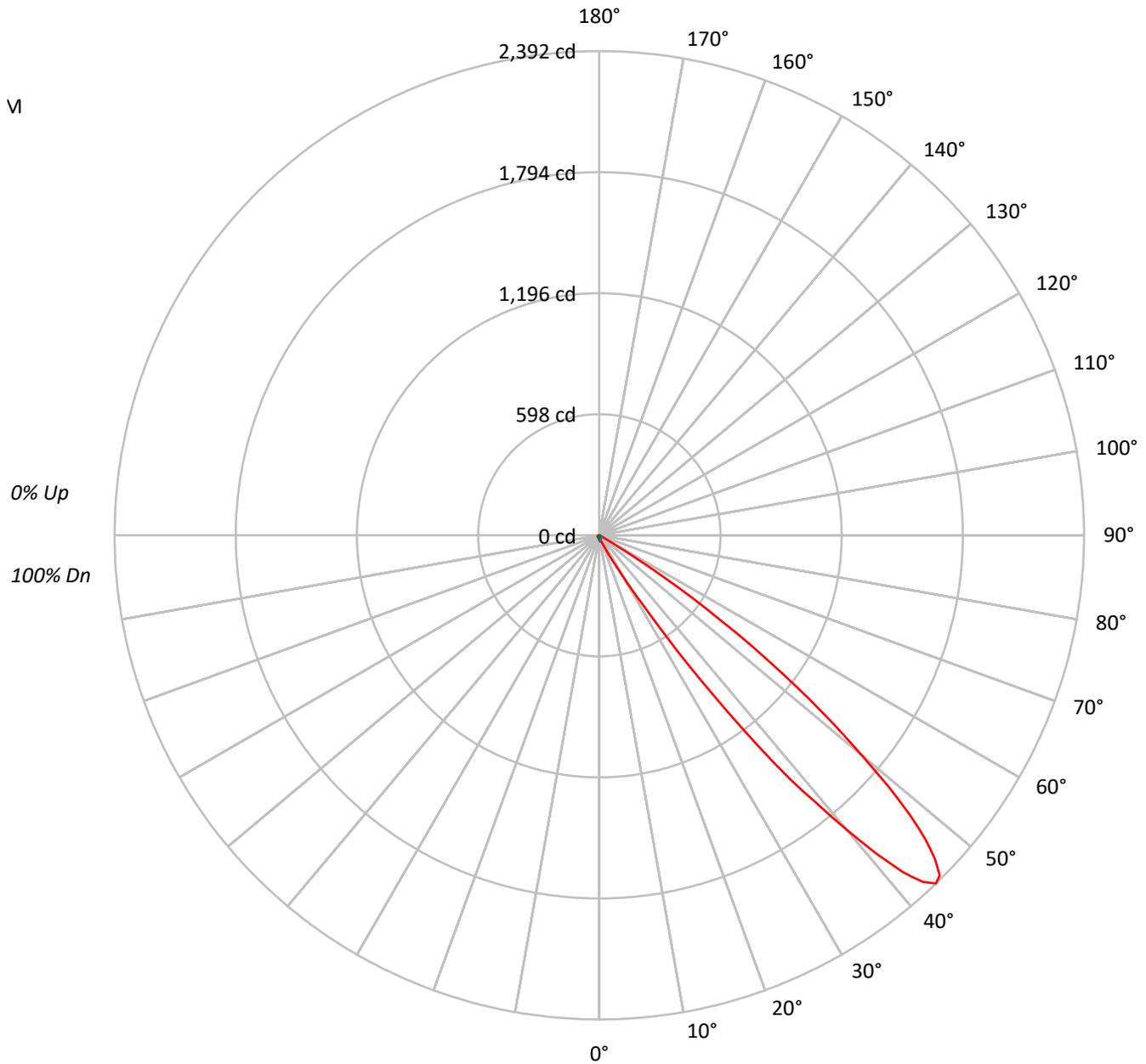
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 267.0 lumens  
Efficiency: N/A  
Efficacy: 74.2 lumens/watt  
Spacing Criteria (0/90/45): 3.26 / 0.47 / 1.08  
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: P1312036  
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### Luminous Intensity Polar Plot



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



TEST NUMBER: P1312036

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

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

|     | 0°     | 45°  | 90°  | 135° | 180° |
|-----|--------|------|------|------|------|
| 0°  | 4082   | 4082 | 4082 | 4082 | 4082 |
| 5°  | 5065   | 4512 | 3682 | 3216 | 3181 |
| 10° | 4984   | 3865 | 2833 | 2518 | 2553 |
| 15° | 4137   | 2746 | 2033 | 2086 | 2229 |
| 20° | 7166   | 2199 | 1558 | 1814 | 2053 |
| 25° | 15981  | 2622 | 1273 | 1672 | 1919 |
| 30° | 47807  | 3222 | 1114 | 1651 | 2009 |
| 35° | 184027 | 3637 | 1009 | 1682 | 2123 |
| 40° | 427159 | 3170 | 967  | 1731 | 2271 |
| 45° | 578576 | 2411 | 852  | 1875 | 2460 |
| 50° | 453661 | 1420 | 857  | 2009 | 2706 |
| 55° | 217749 | 631  | 811  | 2162 | 2973 |
| 60° | 19909  | 103  | 723  | 2308 | 3307 |
| 65° | 2160   | 0    | 652  | 2404 | 3586 |
| 70° | 554    | 0    | 806  | 2568 | 3877 |
| 75° | 532    | 200  | 1065 | 2861 | 4458 |
| 80° | 496    | 496  | 1289 | 2876 | 4761 |
| 85° | 593    | 593  | 2174 | 2569 | 5335 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 578576 cd/sqm



TEST NUMBER: P1312036

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.0    | 0.8       |
| 10°-20°   | 4.2    | 1.6       |
| 20°-30°   | 10.1   | 3.8       |
| 30°-40°   | 55.2   | 20.7      |
| 40°-50°   | 133.7  | 50.1      |
| 50°-60°   | 53.4   | 20.0      |
| 60°-70°   | 4.6    | 1.7       |
| 70°-80°   | 2.6    | 1.0       |
| 80°-90°   | 1.2    | 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°    | 16.3   | 6.1       |
| 0°-40°    | 71.6   | 26.8      |
| 0°-60°    | 258.6  | 96.9      |
| 0°-90°    | 267.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 267.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 24   | 24  | 24  | 24   | 24   |      |
| 5°  | 29   | 26  | 21  | 19   | 18   | 3    |
| 15° | 23   | 15  | 11  | 12   | 12   | 8    |
| 25° | 84   | 14  | 7   | 9    | 10   | 51   |
| 35° | 875  | 17  | 5   | 8    | 10   | 619  |
| 45° | 2376 | 10  | 4   | 8    | 10   | 1676 |
| 55° | 725  | 2   | 3   | 7    | 10   | 676  |
| 65° | 5    | 0   | 2   | 6    | 9    | 14   |
| 75° | 1    | 0   | 2   | 4    | 7    | 1    |
| 85° | 0    | 0   | 1   | 1    | 3    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |



TEST NUMBER: P1312036  
 CATALOG NUMBER: LDSQA3D02R159050DE010 3LSQCA45R 1MMS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°   | 17.5° | 20°   | 22.5° | 45°  |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|------|
| 0°    | 23.7   | 23.7   | 23.7   | 23.7   | 23.7   | 23.7   | 23.7  | 23.7  | 23.7  | 23.7  | 23.7 |
| 2.5°  | 26.6   | 26.6   | 26.9   | 26.6   | 26.6   | 26.6   | 26.6  | 26.4  | 26.4  | 26.4  | 25.6 |
| 5°    | 29.3   | 29.3   | 29.3   | 29.3   | 29.0   | 29.0   | 29.0  | 28.8  | 28.8  | 28.5  | 26.1 |
| 7.5°  | 30.3   | 30.3   | 30.1   | 30.1   | 29.8   | 29.8   | 29.6  | 29.3  | 29.0  | 28.8  | 25.0 |
| 10°   | 28.5   | 28.5   | 28.5   | 28.2   | 28.2   | 28.0   | 27.7  | 27.4  | 27.2  | 26.6  | 22.1 |
| 12.5° | 25.3   | 25.3   | 25.6   | 25.3   | 25.0   | 24.8   | 24.2  | 24.0  | 23.7  | 23.2  | 18.4 |
| 15°   | 23.2   | 23.2   | 23.2   | 22.9   | 22.6   | 22.1   | 21.8  | 21.3  | 21.0  | 20.2  | 15.4 |
| 17.5° | 29.6   | 29.6   | 29.3   | 28.8   | 27.7   | 26.9   | 25.6  | 24.5  | 23.2  | 21.6  | 13.3 |
| 20°   | 39.1   | 39.1   | 38.6   | 38.1   | 36.7   | 35.4   | 33.3  | 31.4  | 29.3  | 27.4  | 12.0 |
| 22.5° | 56.7   | 57.5   | 55.9   | 54.0   | 52.2   | 49.0   | 46.1  | 43.1  | 39.4  | 36.2  | 12.2 |
| 25°   | 84.1   | 84.9   | 84.1   | 79.9   | 76.4   | 72.1   | 66.6  | 60.7  | 54.3  | 48.5  | 13.8 |
| 27.5° | 136.3  | 136.8  | 135.5  | 125.1  | 119.5  | 108.4  | 98.5  | 88.9  | 78.3  | 67.6  | 15.2 |
| 30°   | 240.4  | 240.7  | 232.1  | 211.4  | 193.0  | 168.5  | 147.8 | 127.8 | 111.0 | 94.0  | 16.2 |
| 31°   | 316.5  | 309.1  | 291.0  | 266.0  | 236.7  | 203.7  | 175.2 | 149.4 | 124.3 | 106.0 | 16.5 |
| 32°   | 402.0  | 400.9  | 370.9  | 327.5  | 288.3  | 247.1  | 204.2 | 171.2 | 142.4 | 117.4 | 16.8 |
| 33°   | 515.1  | 515.7  | 468.3  | 417.2  | 353.0  | 297.6  | 241.5 | 196.2 | 161.6 | 131.0 | 17.3 |
| 34°   | 691.9  | 650.4  | 594.7  | 525.5  | 438.2  | 354.9  | 281.9 | 225.2 | 178.9 | 144.0 | 17.3 |
| 35°   | 875.3  | 833.5  | 772.3  | 667.4  | 547.6  | 431.0  | 330.1 | 256.4 | 199.7 | 158.1 | 17.3 |
| 36°   | 1080.9 | 1045.5 | 952.8  | 818.9  | 666.1  | 502.9  | 381.2 | 292.3 | 220.2 | 170.9 | 17.0 |
| 37°   | 1302.9 | 1251.0 | 1148.2 | 1002.1 | 797.6  | 604.1  | 443.5 | 328.0 | 240.7 | 184.8 | 16.5 |
| 38°   | 1528.4 | 1481.5 | 1351.9 | 1174.8 | 954.7  | 710.8  | 505.8 | 362.3 | 259.6 | 195.1 | 15.7 |
| 39°   | 1699.3 | 1673.8 | 1545.2 | 1347.4 | 1080.1 | 812.0  | 570.0 | 399.1 | 279.5 | 205.5 | 14.9 |
| 40°   | 1900.0 | 1858.8 | 1736.8 | 1492.2 | 1228.4 | 915.0  | 632.8 | 431.5 | 296.0 | 213.8 | 14.1 |
| 41°   | 2083.2 | 2031.0 | 1877.1 | 1640.7 | 1347.1 | 1007.7 | 692.4 | 465.1 | 309.4 | 218.6 | 13.6 |
| 42°   | 2240.3 | 2179.6 | 2018.8 | 1768.0 | 1446.4 | 1081.7 | 740.1 | 489.1 | 321.9 | 222.6 | 12.8 |
| 43°   | 2342.0 | 2289.5 | 2131.4 | 1863.6 | 1531.3 | 1149.6 | 784.6 | 514.1 | 329.6 | 225.2 | 11.7 |
| 44°   | 2391.5 | 2338.5 | 2185.4 | 1923.5 | 1583.5 | 1190.3 | 813.3 | 531.4 | 338.1 | 228.7 | 10.9 |
| 45°   | 2375.5 | 2321.7 | 2173.7 | 1924.5 | 1599.7 | 1204.9 | 825.6 | 539.1 | 342.6 | 231.9 | 9.9  |
| 46°   | 2302.3 | 2264.5 | 2115.4 | 1874.5 | 1568.9 | 1189.2 | 818.6 | 533.2 | 341.0 | 231.9 | 8.8  |
| 47°   | 2199.5 | 2156.4 | 2014.5 | 1788.5 | 1494.0 | 1148.8 | 790.7 | 515.4 | 331.2 | 226.6 | 7.7  |
| 48°   | 2059.5 | 2022.8 | 1873.7 | 1651.9 | 1379.3 | 1060.6 | 727.6 | 486.4 | 315.7 | 216.2 | 6.7  |
| 49°   | 1883.8 | 1832.7 | 1694.0 | 1477.3 | 1229.7 | 935.5  | 644.8 | 437.4 | 291.0 | 201.5 | 5.9  |
| 50°   | 1693.2 | 1630.1 | 1523.1 | 1302.4 | 1075.0 | 802.1  | 535.9 | 369.8 | 256.1 | 182.4 | 5.3  |
| 51°   | 1506.6 | 1442.4 | 1340.4 | 1152.8 | 910.0  | 665.6  | 432.3 | 295.2 | 210.8 | 156.0 | 4.5  |
| 52°   | 1313.0 | 1259.2 | 1145.0 | 997.5  | 779.0  | 539.4  | 360.2 | 249.7 | 175.2 | 131.0 | 3.7  |
| 53°   | 1120.3 | 1083.5 | 974.9  | 825.6  | 625.9  | 440.6  | 294.2 | 213.8 | 152.8 | 112.1 | 2.9  |
| 54°   | 927.3  | 887.1  | 804.5  | 671.4  | 504.5  | 347.7  | 249.5 | 178.9 | 132.6 | 97.7  | 2.7  |
| 55°   | 725.2  | 704.4  | 628.3  | 511.9  | 382.3  | 277.4  | 202.3 | 153.9 | 111.0 | 81.7  | 2.1  |
| 56°   | 558.5  | 535.1  | 465.6  | 371.4  | 284.1  | 217.2  | 163.7 | 125.7 | 94.0  | 68.4  | 1.6  |
| 57°   | 365.8  | 341.8  | 295.8  | 259.3  | 206.9  | 158.4  | 125.1 | 99.0  | 76.4  | 56.7  | 1.3  |
| 58°   | 216.2  | 194.3  | 187.2  | 159.7  | 137.9  | 107.6  | 92.4  | 73.7  | 56.4  | 44.7  | 0.8  |
| 59°   | 99.3   | 100.9  | 89.7   | 84.1   | 76.4   | 68.4   | 56.2  | 49.3  | 38.6  | 32.2  | 0.5  |
| 60°   | 57.8   | 54.6   | 53.2   | 47.7   | 42.3   | 37.5   | 33.8  | 29.8  | 24.2  | 20.8  | 0.3  |
| 62.5° | 19.7   | 18.9   | 19.4   | 17.6   | 16.5   | 16.0   | 14.6  | 12.5  | 10.4  | 8.5   | 0.0  |
| 65°   | 5.3    | 5.3    | 5.1    | 4.8    | 4.5    | 4.3    | 4.0   | 3.5   | 3.2   | 2.7   | 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° | 1.9 | 1.9  | 1.6 | 1.6  | 1.3 | 1.3   | 1.1 | 1.1   | 0.8 | 0.8   | 0.0 |
| 70°   | 1.1 | 1.1  | 1.1 | 0.8  | 0.8 | 0.8   | 0.5 | 0.5   | 0.5 | 0.3   | 0.0 |
| 72.5° | 0.8 | 0.8  | 0.8 | 0.8  | 0.8 | 0.8   | 0.5 | 0.5   | 0.5 | 0.3   | 0.3 |
| 75°   | 0.8 | 0.8  | 0.8 | 0.5  | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 | 0.5   | 0.3 |
| 77.5° | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 |
| 80°   | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 | 0.3   | 0.5 |
| 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 | 0.3  | 0.3 | 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 |



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**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 23.7  | 23.7 | 23.7   | 23.7 | 23.7   | 23.7 |
| 2.5°  | 24.5  | 23.4 | 22.1   | 21.3 | 21.0   | 20.8 |
| 5°    | 23.4  | 21.3 | 19.7   | 18.6 | 18.4   | 18.4 |
| 7.5°  | 21.0  | 18.6 | 17.0   | 16.5 | 16.2   | 16.2 |
| 10°   | 18.4  | 16.2 | 14.9   | 14.4 | 14.6   | 14.6 |
| 12.5° | 15.4  | 13.6 | 13.0   | 13.0 | 13.3   | 13.6 |
| 15°   | 12.5  | 11.4 | 11.4   | 11.7 | 12.2   | 12.5 |
| 17.5° | 10.4  | 9.9  | 10.1   | 10.6 | 11.2   | 11.7 |
| 20°   | 8.5   | 8.5  | 9.1    | 9.9  | 10.6   | 11.2 |
| 22.5° | 7.2   | 7.5  | 8.3    | 9.1  | 10.1   | 10.6 |
| 25°   | 6.1   | 6.7  | 7.5    | 8.8  | 9.9    | 10.1 |
| 27.5° | 5.3   | 6.1  | 7.2    | 8.5  | 9.6    | 10.1 |
| 30°   | 4.5   | 5.6  | 6.9    | 8.3  | 9.6    | 10.1 |
| 31°   | 4.3   | 5.3  | 6.7    | 8.3  | 9.6    | 10.1 |
| 32°   | 4.0   | 5.3  | 6.7    | 8.3  | 9.6    | 10.1 |
| 33°   | 3.7   | 5.1  | 6.7    | 8.0  | 9.6    | 10.1 |
| 34°   | 3.5   | 5.1  | 6.7    | 8.3  | 9.6    | 10.1 |
| 35°   | 3.2   | 4.8  | 6.4    | 8.0  | 9.3    | 10.1 |
| 36°   | 2.9   | 4.8  | 6.4    | 8.0  | 9.6    | 10.1 |
| 37°   | 2.7   | 4.8  | 6.4    | 8.0  | 9.3    | 10.1 |
| 38°   | 2.7   | 4.5  | 6.1    | 8.0  | 9.3    | 10.1 |
| 39°   | 2.4   | 4.3  | 6.1    | 8.0  | 9.3    | 10.1 |
| 40°   | 2.1   | 4.3  | 5.9    | 7.7  | 9.3    | 10.1 |
| 41°   | 1.9   | 4.0  | 5.9    | 7.7  | 9.3    | 10.1 |
| 42°   | 1.6   | 4.0  | 5.9    | 7.7  | 9.3    | 10.1 |
| 43°   | 1.3   | 3.7  | 5.6    | 7.7  | 9.3    | 10.1 |
| 44°   | 1.3   | 3.7  | 5.6    | 7.7  | 9.3    | 10.1 |
| 45°   | 1.1   | 3.5  | 5.3    | 7.7  | 9.3    | 10.1 |
| 46°   | 1.1   | 3.5  | 5.3    | 7.5  | 9.3    | 10.1 |
| 47°   | 0.8   | 3.5  | 5.3    | 7.5  | 9.3    | 10.1 |
| 48°   | 0.8   | 3.2  | 5.3    | 7.5  | 9.3    | 10.1 |
| 49°   | 0.5   | 3.2  | 5.3    | 7.5  | 9.3    | 10.1 |
| 50°   | 0.5   | 3.2  | 5.1    | 7.5  | 9.3    | 10.1 |
| 51°   | 0.5   | 3.2  | 5.1    | 7.5  | 9.3    | 10.1 |
| 52°   | 0.5   | 2.9  | 5.1    | 7.5  | 9.3    | 10.1 |
| 53°   | 0.5   | 2.9  | 5.1    | 7.5  | 9.3    | 10.1 |
| 54°   | 0.5   | 2.9  | 4.8    | 7.5  | 9.3    | 10.1 |
| 55°   | 0.5   | 2.7  | 4.8    | 7.2  | 9.3    | 9.9  |
| 56°   | 0.5   | 2.7  | 4.8    | 7.2  | 9.3    | 9.9  |
| 57°   | 0.5   | 2.7  | 4.5    | 7.2  | 9.3    | 9.9  |
| 58°   | 0.5   | 2.4  | 4.5    | 6.9  | 9.1    | 9.9  |
| 59°   | 0.5   | 2.4  | 4.3    | 6.9  | 9.1    | 9.6  |
| 60°   | 0.5   | 2.1  | 4.3    | 6.7  | 8.8    | 9.6  |
| 62.5° | 0.5   | 1.9  | 3.7    | 6.4  | 8.5    | 9.1  |
| 65°   | 0.5   | 1.6  | 3.5    | 5.9  | 8.3    | 8.8  |



TEST NUMBER: P1312036

CATALOG NUMBER: LDSQA3D02R159050DE010 3LSQCA45R 1MMS

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.5   | 1.6 | 3.2    | 5.6  | 7.7    | 8.5  |
| 70°   | 0.5   | 1.6 | 2.9    | 5.1  | 7.5    | 7.7  |
| 72.5° | 0.8   | 1.6 | 2.7    | 4.8  | 6.9    | 7.2  |
| 75°   | 1.1   | 1.6 | 2.4    | 4.3  | 6.4    | 6.7  |
| 77.5° | 1.1   | 1.6 | 2.1    | 3.7  | 5.6    | 5.9  |
| 80°   | 1.1   | 1.3 | 1.9    | 2.9  | 4.5    | 4.8  |
| 82.5° | 1.1   | 1.3 | 1.3    | 2.4  | 3.5    | 3.7  |
| 85°   | 0.8   | 1.1 | 1.1    | 1.3  | 2.4    | 2.7  |
| 87.5° | 0.8   | 1.1 | 0.5    | 0.8  | 1.1    | 1.1  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)