

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: P1317137

Luminaire Tested: LDSQA3D05R159827DE010 3LSQCA45R 1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1317137  
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: LDSQA3D05R159827DE010 3LSQCA45R 1MW  
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , 3LSQCA45R 1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

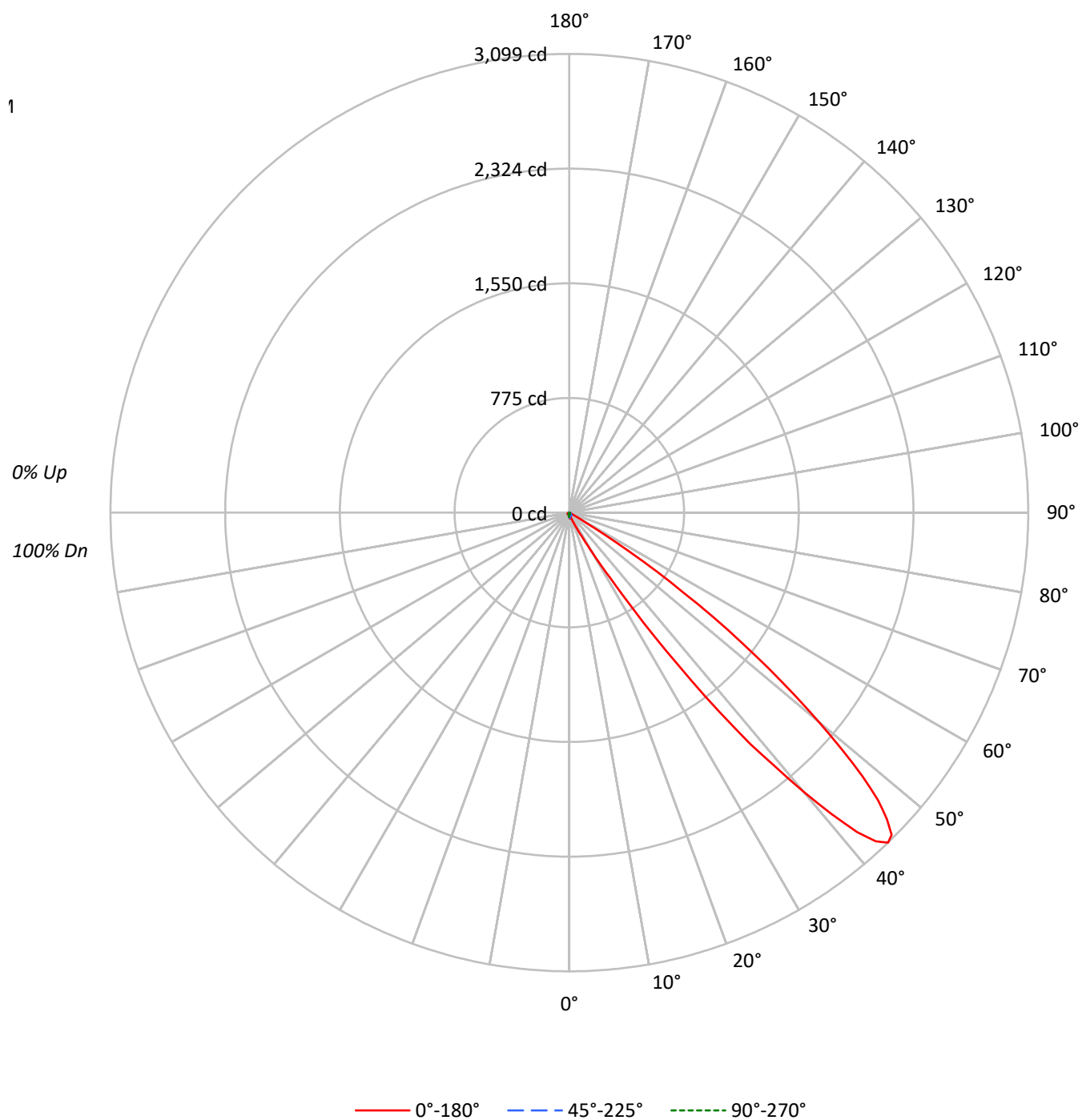
Lumens per Lamp: N/A  
Luminaire Lumens: 346.0 lumens  
Efficiency: N/A  
Efficacy: 48.1 lumens/watt  
Spacing Criteria (0/90/45): 3.26 / 0.47 / 1.08  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 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: P1317137

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### Luminous Intensity Polar Plot



TEST NUMBER: P1317137

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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°  | 5287   | 5287 | 5287 | 5287 | 5287 |
| 5°  | 6552   | 5843 | 4772 | 4166 | 4115 |
| 10° | 6453   | 5002 | 3672 | 3253 | 3323 |
| 15° | 5349   | 3566 | 2639 | 2710 | 2888 |
| 20° | 9292   | 2841 | 2016 | 2346 | 2657 |
| 25° | 20713  | 3401 | 1634 | 2166 | 2489 |
| 30° | 61947  | 4176 | 1432 | 2128 | 2605 |
| 35° | 238481 | 4709 | 1304 | 2166 | 2754 |
| 40° | 553554 | 4114 | 1237 | 2248 | 2945 |
| 45° | 749774 | 3118 | 1096 | 2436 | 3191 |
| 50° | 587894 | 1849 | 1099 | 2599 | 3510 |
| 55° | 282185 | 841  | 1021 | 2792 | 3843 |
| 60° | 25799  | 103  | 964  | 2962 | 4271 |
| 65° | 2812   | 0    | 856  | 3097 | 4646 |
| 70° | 705    | 0    | 1057 | 3323 | 5035 |
| 75° | 665    | 200  | 1397 | 3660 | 5723 |
| 80° | 694    | 694  | 1686 | 3769 | 6149 |
| 85° | 593    | 593  | 2766 | 3359 | 6719 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 749774 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.6    | 0.8       |
| 10°-20°   | 5.5    | 1.6       |
| 20°-30°   | 13.1   | 3.8       |
| 30°-40°   | 71.6   | 20.7      |
| 40°-50°   | 173.3  | 50.1      |
| 50°-60°   | 69.1   | 20.0      |
| 60°-70°   | 6.0    | 1.7       |
| 70°-80°   | 3.4    | 1.0       |
| 80°-90°   | 1.5    | 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°    | 21.1   | 6.1       |
| 0°-40°    | 92.7   | 26.8      |
| 0°-60°    | 335.2  | 96.9      |
| 0°-90°    | 346.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 346.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 31   | 31  | 31  | 31   | 31   |      |
| 5°  | 38   | 34  | 28  | 24   | 24   | 4    |
| 15° | 30   | 20  | 15  | 15   | 16   | 10   |
| 25° | 109  | 18  | 9   | 11   | 13   | 66   |
| 35° | 1134 | 22  | 6   | 10   | 13   | 802  |
| 45° | 3078 | 13  | 4   | 10   | 13   | 2172 |
| 55° | 940  | 3   | 3   | 9    | 13   | 875  |
| 65° | 7    | 0   | 2   | 8    | 11   | 18   |
| 75° | 1    | 0   | 2   | 6    | 9    | 1    |
| 85° | 0    | 0   | 1   | 2    | 3    | 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°    | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7  | 30.7  | 30.7  | 30.7 |
| 2.5°  | 34.5   | 34.5   | 34.8   | 34.5   | 34.5   | 34.5   | 34.5   | 34.2  | 34.2  | 34.2  | 33.1 |
| 5°    | 37.9   | 37.9   | 37.9   | 37.9   | 37.6   | 37.6   | 37.6   | 37.3  | 37.3  | 36.9  | 33.8 |
| 7.5°  | 39.3   | 39.3   | 39.0   | 39.0   | 38.6   | 38.6   | 38.3   | 37.9  | 37.6  | 37.3  | 32.4 |
| 10°   | 36.9   | 36.9   | 36.9   | 36.6   | 36.6   | 36.2   | 35.9   | 35.5  | 35.2  | 34.5  | 28.6 |
| 12.5° | 32.8   | 32.8   | 33.1   | 32.8   | 32.4   | 32.1   | 31.4   | 31.0  | 30.7  | 30.0  | 23.8 |
| 15°   | 30.0   | 30.0   | 30.0   | 29.7   | 29.3   | 28.6   | 28.3   | 27.6  | 27.3  | 26.2  | 20.0 |
| 17.5° | 38.3   | 38.3   | 37.9   | 37.3   | 35.9   | 34.8   | 33.1   | 31.7  | 30.0  | 27.9  | 17.2 |
| 20°   | 50.7   | 50.7   | 50.0   | 49.3   | 47.6   | 45.9   | 43.1   | 40.7  | 37.9  | 35.5  | 15.5 |
| 22.5° | 73.5   | 74.5   | 72.4   | 70.0   | 67.6   | 63.5   | 59.7   | 55.9  | 51.1  | 46.9  | 15.9 |
| 25°   | 109.0  | 110.1  | 109.0  | 103.5  | 99.0   | 93.5   | 86.2   | 78.7  | 70.4  | 62.8  | 17.9 |
| 27.5° | 176.6  | 177.3  | 175.6  | 162.1  | 154.9  | 140.4  | 127.6  | 115.2 | 101.4 | 87.6  | 19.7 |
| 30°   | 311.5  | 311.9  | 300.8  | 273.9  | 250.1  | 218.4  | 191.5  | 165.6 | 143.9 | 121.8 | 21.0 |
| 31°   | 410.2  | 400.5  | 377.1  | 344.6  | 306.7  | 263.9  | 227.0  | 193.5 | 161.1 | 137.3 | 21.4 |
| 32°   | 520.9  | 519.6  | 480.6  | 424.3  | 373.6  | 320.2  | 264.6  | 221.8 | 184.6 | 152.1 | 21.7 |
| 33°   | 667.6  | 668.3  | 606.8  | 540.6  | 457.5  | 385.7  | 312.9  | 254.3 | 209.4 | 169.7 | 22.4 |
| 34°   | 896.6  | 842.8  | 770.7  | 681.0  | 567.9  | 459.9  | 365.3  | 291.9 | 231.8 | 186.6 | 22.4 |
| 35°   | 1134.3 | 1080.2 | 1000.8 | 864.9  | 709.7  | 558.5  | 427.8  | 332.2 | 258.7 | 204.9 | 22.4 |
| 36°   | 1400.7 | 1354.8 | 1234.7 | 1061.2 | 863.2  | 651.7  | 494.0  | 378.8 | 285.3 | 221.5 | 22.1 |
| 37°   | 1688.4 | 1621.1 | 1488.0 | 1298.6 | 1033.6 | 782.8  | 574.8  | 425.0 | 311.9 | 239.4 | 21.4 |
| 38°   | 1980.6 | 1919.9 | 1751.9 | 1522.5 | 1237.2 | 921.1  | 655.5  | 469.5 | 336.4 | 252.9 | 20.4 |
| 39°   | 2202.1 | 2169.0 | 2002.3 | 1746.0 | 1399.6 | 1052.2 | 738.6  | 517.1 | 362.2 | 266.3 | 19.3 |
| 40°   | 2462.2 | 2408.8 | 2250.7 | 1933.7 | 1591.8 | 1185.7 | 820.1  | 559.2 | 383.6 | 277.0 | 18.3 |
| 41°   | 2699.6 | 2632.0 | 2432.6 | 2126.2 | 1745.7 | 1305.8 | 897.3  | 602.7 | 400.9 | 283.2 | 17.6 |
| 42°   | 2903.1 | 2824.5 | 2616.1 | 2291.1 | 1874.4 | 1401.7 | 959.1  | 633.8 | 417.1 | 288.4 | 16.6 |
| 43°   | 3034.9 | 2967.0 | 2762.0 | 2415.0 | 1984.4 | 1489.7 | 1016.7 | 666.2 | 427.1 | 291.9 | 15.2 |
| 44°   | 3099.1 | 3030.4 | 2832.1 | 2492.6 | 2052.0 | 1542.5 | 1054.0 | 688.6 | 438.1 | 296.4 | 14.1 |
| 45°   | 3078.4 | 3008.7 | 2816.9 | 2494.0 | 2073.1 | 1561.4 | 1069.8 | 698.6 | 444.0 | 300.5 | 12.8 |
| 46°   | 2983.5 | 2934.5 | 2741.3 | 2429.1 | 2033.1 | 1541.1 | 1060.9 | 691.0 | 441.9 | 300.5 | 11.4 |
| 47°   | 2850.3 | 2794.5 | 2610.6 | 2317.7 | 1936.1 | 1488.7 | 1024.6 | 667.9 | 429.2 | 293.6 | 10.0 |
| 48°   | 2668.9 | 2621.3 | 2428.1 | 2140.7 | 1787.4 | 1374.5 | 942.9  | 630.3 | 409.2 | 280.1 | 8.6  |
| 49°   | 2441.2 | 2374.9 | 2195.2 | 1914.4 | 1593.5 | 1212.3 | 835.6  | 566.8 | 377.1 | 261.2 | 7.6  |
| 50°   | 2194.2 | 2112.4 | 1973.7 | 1687.7 | 1393.1 | 1039.5 | 694.5  | 479.2 | 331.9 | 236.3 | 6.9  |
| 51°   | 1952.3 | 1869.2 | 1737.0 | 1493.8 | 1179.2 | 862.5  | 560.3  | 382.6 | 273.2 | 202.2 | 5.9  |
| 52°   | 1701.5 | 1631.8 | 1483.8 | 1292.7 | 1009.5 | 699.0  | 466.8  | 323.6 | 227.0 | 169.7 | 4.8  |
| 53°   | 1451.7 | 1404.1 | 1263.4 | 1069.8 | 811.1  | 571.0  | 381.2  | 277.0 | 198.0 | 145.2 | 3.8  |
| 54°   | 1201.6 | 1149.5 | 1042.6 | 870.1  | 653.8  | 450.6  | 323.3  | 231.8 | 171.8 | 126.6 | 3.4  |
| 55°   | 939.8  | 912.9  | 814.2  | 663.4  | 495.4  | 359.5  | 262.2  | 199.4 | 143.9 | 105.9 | 2.8  |
| 56°   | 723.8  | 693.4  | 603.4  | 481.3  | 368.1  | 281.5  | 212.2  | 162.8 | 121.8 | 88.7  | 2.1  |
| 57°   | 474.0  | 443.0  | 383.3  | 336.0  | 268.1  | 205.3  | 162.1  | 128.3 | 99.0  | 73.5  | 1.7  |
| 58°   | 280.1  | 251.8  | 242.5  | 207.0  | 178.7  | 139.4  | 119.7  | 95.6  | 73.1  | 58.0  | 1.0  |
| 59°   | 128.7  | 130.8  | 116.3  | 109.0  | 99.0   | 88.7   | 72.8   | 63.8  | 50.0  | 41.7  | 0.7  |
| 60°   | 74.9   | 70.7   | 69.0   | 61.8   | 54.9   | 48.6   | 43.8   | 38.6  | 31.4  | 26.9  | 0.3  |
| 62.5° | 25.5   | 24.5   | 25.2   | 22.8   | 21.4   | 20.7   | 19.0   | 16.2  | 13.5  | 11.0  | 0.0  |
| 65°   | 6.9    | 6.9    | 6.6    | 6.2    | 5.9    | 5.5    | 5.2    | 4.5   | 4.1   | 3.4   | 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° | 2.4 | 2.4  | 2.1 | 2.1  | 1.7 | 1.7   | 1.4 | 1.4   | 1.0 | 1.0   | 0.0 |
| 70°   | 1.4 | 1.4  | 1.4 | 1.0  | 1.0 | 1.0   | 0.7 | 0.7   | 0.7 | 0.3   | 0.0 |
| 72.5° | 1.0 | 1.0  | 1.0 | 1.0  | 1.0 | 1.0   | 0.7 | 0.7   | 0.7 | 0.3   | 0.3 |
| 75°   | 1.0 | 1.0  | 1.0 | 0.7  | 0.7 | 0.7   | 0.7 | 0.7   | 0.7 | 0.7   | 0.3 |
| 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 | 0.3   | 0.7 |
| 82.5° | 0.3 | 0.3  | 0.3 | 0.3  | 0.3 | 0.3   | 0.3 | 0.3   | 0.3 | 0.3   | 0.7 |
| 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°    | 30.7  | 30.7 | 30.7   | 30.7 | 30.7   | 30.7 |
| 2.5°  | 31.7  | 30.4 | 28.6   | 27.6 | 27.3   | 26.9 |
| 5°    | 30.4  | 27.6 | 25.5   | 24.1 | 23.8   | 23.8 |
| 7.5°  | 27.3  | 24.1 | 22.1   | 21.4 | 21.0   | 21.0 |
| 10°   | 23.8  | 21.0 | 19.3   | 18.6 | 19.0   | 19.0 |
| 12.5° | 20.0  | 17.6 | 16.9   | 16.9 | 17.2   | 17.6 |
| 15°   | 16.2  | 14.8 | 14.8   | 15.2 | 15.9   | 16.2 |
| 17.5° | 13.5  | 12.8 | 13.1   | 13.8 | 14.5   | 15.2 |
| 20°   | 11.0  | 11.0 | 11.7   | 12.8 | 13.8   | 14.5 |
| 22.5° | 9.3   | 9.7  | 10.7   | 11.7 | 13.1   | 13.8 |
| 25°   | 7.9   | 8.6  | 9.7    | 11.4 | 12.8   | 13.1 |
| 27.5° | 6.9   | 7.9  | 9.3    | 11.0 | 12.4   | 13.1 |
| 30°   | 5.9   | 7.2  | 9.0    | 10.7 | 12.4   | 13.1 |
| 31°   | 5.5   | 6.9  | 8.6    | 10.7 | 12.4   | 13.1 |
| 32°   | 5.2   | 6.9  | 8.6    | 10.7 | 12.4   | 13.1 |
| 33°   | 4.8   | 6.6  | 8.6    | 10.3 | 12.4   | 13.1 |
| 34°   | 4.5   | 6.6  | 8.6    | 10.7 | 12.4   | 13.1 |
| 35°   | 4.1   | 6.2  | 8.3    | 10.3 | 12.1   | 13.1 |
| 36°   | 3.8   | 6.2  | 8.3    | 10.3 | 12.4   | 13.1 |
| 37°   | 3.4   | 6.2  | 8.3    | 10.3 | 12.1   | 13.1 |
| 38°   | 3.4   | 5.9  | 7.9    | 10.3 | 12.1   | 13.1 |
| 39°   | 3.1   | 5.5  | 7.9    | 10.3 | 12.1   | 13.1 |
| 40°   | 2.8   | 5.5  | 7.6    | 10.0 | 12.1   | 13.1 |
| 41°   | 2.4   | 5.2  | 7.6    | 10.0 | 12.1   | 13.1 |
| 42°   | 2.1   | 5.2  | 7.6    | 10.0 | 12.1   | 13.1 |
| 43°   | 1.7   | 4.8  | 7.2    | 10.0 | 12.1   | 13.1 |
| 44°   | 1.7   | 4.8  | 7.2    | 10.0 | 12.1   | 13.1 |
| 45°   | 1.4   | 4.5  | 6.9    | 10.0 | 12.1   | 13.1 |
| 46°   | 1.4   | 4.5  | 6.9    | 9.7  | 12.1   | 13.1 |
| 47°   | 1.0   | 4.5  | 6.9    | 9.7  | 12.1   | 13.1 |
| 48°   | 1.0   | 4.1  | 6.9    | 9.7  | 12.1   | 13.1 |
| 49°   | 0.7   | 4.1  | 6.9    | 9.7  | 12.1   | 13.1 |
| 50°   | 0.7   | 4.1  | 6.6    | 9.7  | 12.1   | 13.1 |
| 51°   | 0.7   | 4.1  | 6.6    | 9.7  | 12.1   | 13.1 |
| 52°   | 0.7   | 3.8  | 6.6    | 9.7  | 12.1   | 13.1 |
| 53°   | 0.7   | 3.8  | 6.6    | 9.7  | 12.1   | 13.1 |
| 54°   | 0.7   | 3.8  | 6.2    | 9.7  | 12.1   | 13.1 |
| 55°   | 0.7   | 3.4  | 6.2    | 9.3  | 12.1   | 12.8 |
| 56°   | 0.7   | 3.4  | 6.2    | 9.3  | 12.1   | 12.8 |
| 57°   | 0.7   | 3.4  | 5.9    | 9.3  | 12.1   | 12.8 |
| 58°   | 0.7   | 3.1  | 5.9    | 9.0  | 11.7   | 12.8 |
| 59°   | 0.7   | 3.1  | 5.5    | 9.0  | 11.7   | 12.4 |
| 60°   | 0.7   | 2.8  | 5.5    | 8.6  | 11.4   | 12.4 |
| 62.5° | 0.7   | 2.4  | 4.8    | 8.3  | 11.0   | 11.7 |
| 65°   | 0.7   | 2.1  | 4.5    | 7.6  | 10.7   | 11.4 |



TEST NUMBER: P1317137

CATALOG NUMBER: LDSQA3D05R159827DE010 3LSQCA45R 1MW

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.7   | 2.1 | 4.1    | 7.2  | 10.0   | 11.0 |
| 70°   | 0.7   | 2.1 | 3.8    | 6.6  | 9.7    | 10.0 |
| 72.5° | 1.0   | 2.1 | 3.4    | 6.2  | 9.0    | 9.3  |
| 75°   | 1.4   | 2.1 | 3.1    | 5.5  | 8.3    | 8.6  |
| 77.5° | 1.4   | 2.1 | 2.8    | 4.8  | 7.2    | 7.6  |
| 80°   | 1.4   | 1.7 | 2.4    | 3.8  | 5.9    | 6.2  |
| 82.5° | 1.4   | 1.7 | 1.7    | 3.1  | 4.5    | 4.8  |
| 85°   | 1.0   | 1.4 | 1.4    | 1.7  | 3.1    | 3.4  |
| 87.5° | 1.0   | 1.4 | 0.7    | 1.0  | 1.4    | 1.4  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)