

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: P1315732

Luminaire Tested: LDSQA3D17R209735DE010 3LSQCA45R 1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1315732  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-74)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D17R209735DE010 3LSQCA45R 1MW  
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , 3LSQCA45R 1MW TRIM  
Light Source: -  
Ballast/Driver: -

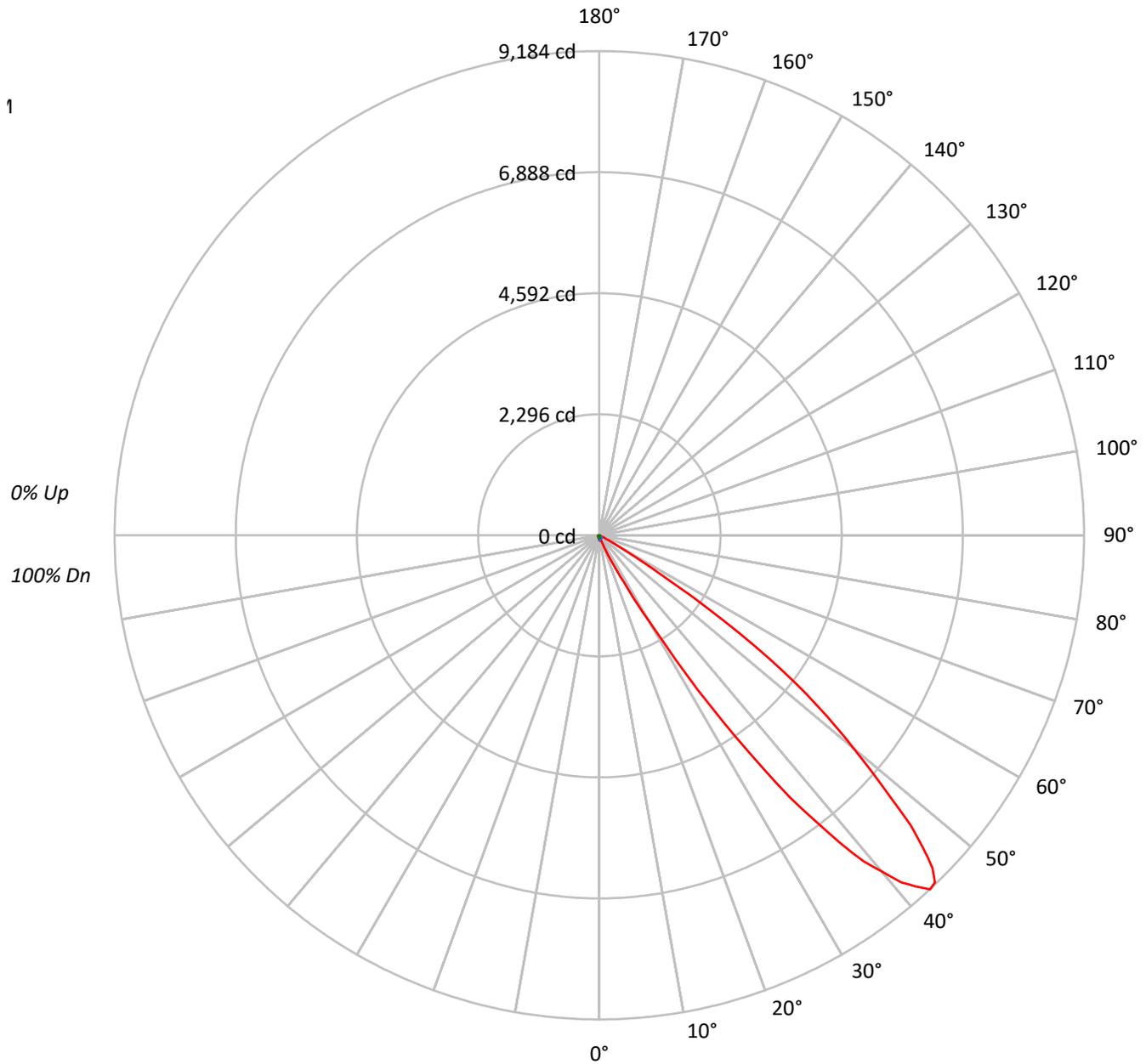
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1276.1 lumens  
Efficiency: N/A  
Efficacy: 60.2 lumens/watt  
Spacing Criteria (0/90/45): 3.39 / 0.51 / 1.14  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 21.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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



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



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

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

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

|     | 0°      | 45°   | 90°   | 135°  | 180°  |
|-----|---------|-------|-------|-------|-------|
| 0°  | 15276   | 15276 | 15276 | 15276 | 15276 |
| 5°  | 17824   | 16579 | 14297 | 12430 | 12032 |
| 10° | 17610   | 15092 | 11332 | 9653  | 9443  |
| 15° | 15387   | 11554 | 8344  | 7702  | 8130  |
| 20° | 22854   | 9677  | 6158  | 6598  | 7258  |
| 25° | 98434   | 10033 | 4789  | 5929  | 7069  |
| 30° | 372256  | 12171 | 4057  | 5727  | 6921  |
| 35° | 1128469 | 14633 | 3784  | 5803  | 7317  |
| 40° | 1871228 | 14568 | 3237  | 6205  | 7824  |
| 45° | 2174987 | 9937  | 2923  | 6430  | 8476  |
| 50° | 1688366 | 5466  | 2894  | 6752  | 9646  |
| 55° | 977199  | 3603  | 2883  | 7567  | 10449 |
| 60° | 165230  | 827   | 2480  | 7853  | 11573 |
| 65° | 12714   | 0     | 2934  | 8802  | 13203 |
| 70° | 1813    | 0     | 3626  | 9668  | 15106 |
| 75° | 1597    | 799   | 3993  | 11179 | 17567 |
| 80° | 1190    | 1190  | 5951  | 11901 | 20233 |
| 85° | 2371    | 2371  | 9485  | 11856 | 21341 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2174987 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 7.6    | 0.6       |
| 10°-20°   | 16.0   | 1.3       |
| 20°-30°   | 51.0   | 4.0       |
| 30°-40°   | 325.4  | 25.5      |
| 40°-50°   | 595.6  | 46.7      |
| 50°-60°   | 244.7  | 19.2      |
| 60°-70°   | 20.6   | 1.6       |
| 70°-80°   | 10.3   | 0.8       |
| 80°-90°   | 4.8    | 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°    | 74.6   | 5.8       |
| 0°-40°    | 400.0  | 31.3      |
| 0°-60°    | 1240.3 | 97.2      |
| 0°-90°    | 1276.1 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1276.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 89   | 89  | 89  | 89   | 89   |      |
| 5°  | 103  | 96  | 83  | 72   | 70   | 10   |
| 15° | 86   | 65  | 47  | 43   | 46   | 27   |
| 25° | 518  | 53  | 25  | 31   | 37   | 341  |
| 35° | 5367 | 70  | 18  | 28   | 35   | 3397 |
| 45° | 8930 | 41  | 12  | 26   | 35   | 6412 |
| 55° | 3254 | 12  | 10  | 25   | 35   | 2845 |
| 65° | 31   | 0   | 7   | 22   | 32   | 102  |
| 75° | 2    | 1   | 6   | 17   | 26   | 3    |
| 85° | 1    | 1   | 5   | 6    | 11   | 1    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |



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CATALOG NUMBER: LDSQA3D17R209735DE010 3LSQCA45R 1MW

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5°  | 45°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|
| 0°    | 88.7   | 88.7   | 88.7   | 88.7   | 88.7   | 88.7   | 88.7   | 88.7   | 88.7   | 88.7   | 88.7 |
| 2.5°  | 97.1   | 97.1   | 97.1   | 95.9   | 95.9   | 97.1   | 95.9   | 95.9   | 95.9   | 95.9   | 94.7 |
| 5°    | 103.1  | 103.1  | 103.1  | 103.1  | 103.1  | 103.1  | 103.1  | 101.9  | 101.9  | 100.7  | 95.9 |
| 7.5°  | 105.5  | 105.5  | 105.5  | 105.5  | 104.3  | 104.3  | 104.3  | 104.3  | 103.1  | 101.9  | 93.5 |
| 10°   | 100.7  | 100.7  | 100.7  | 99.5   | 99.5   | 99.5   | 98.3   | 98.3   | 97.1   | 95.9   | 86.3 |
| 12.5° | 91.1   | 91.1   | 91.1   | 91.1   | 89.9   | 89.9   | 88.7   | 88.7   | 87.5   | 86.3   | 75.5 |
| 15°   | 86.3   | 86.3   | 86.3   | 85.1   | 85.1   | 83.9   | 82.7   | 81.5   | 80.3   | 77.9   | 64.8 |
| 17.5° | 93.5   | 93.5   | 92.3   | 92.3   | 89.9   | 87.5   | 86.3   | 82.7   | 80.3   | 76.7   | 57.6 |
| 20°   | 124.7  | 125.9  | 121.1  | 117.5  | 115.1  | 107.9  | 104.3  | 98.3   | 93.5   | 87.5   | 52.8 |
| 22.5° | 251.8  | 247.0  | 238.6  | 225.4  | 209.8  | 196.7  | 172.7  | 153.5  | 140.3  | 122.3  | 51.6 |
| 25°   | 518.0  | 513.2  | 490.4  | 471.3  | 423.3  | 386.1  | 334.6  | 292.6  | 249.4  | 207.5  | 52.8 |
| 27.5° | 984.5  | 952.1  | 946.1  | 858.6  | 791.4  | 695.5  | 596.0  | 512.0  | 435.3  | 350.1  | 56.4 |
| 30°   | 1871.9 | 1834.7 | 1704.0 | 1572.1 | 1391.0 | 1185.9 | 990.5  | 808.2  | 655.9  | 518.0  | 61.2 |
| 31°   | 2375.5 | 2411.5 | 2258.0 | 1993.0 | 1725.6 | 1463.0 | 1195.5 | 964.1  | 767.4  | 596.0  | 63.6 |
| 32°   | 3122.6 | 2965.5 | 2803.6 | 2531.4 | 2142.9 | 1807.1 | 1471.3 | 1138.0 | 879.0  | 679.9  | 66.0 |
| 33°   | 3828.9 | 3736.5 | 3489.5 | 3150.1 | 2683.7 | 2212.4 | 1777.1 | 1343.0 | 1015.7 | 781.8  | 67.2 |
| 34°   | 4581.9 | 4480.0 | 4279.7 | 3792.9 | 3280.8 | 2663.3 | 2082.9 | 1579.3 | 1178.8 | 881.4  | 68.4 |
| 35°   | 5367.4 | 5324.2 | 4938.1 | 4516.0 | 3886.4 | 3141.7 | 2451.0 | 1838.3 | 1338.2 | 972.5  | 69.6 |
| 36°   | 6157.6 | 6018.5 | 5716.3 | 5099.9 | 4442.8 | 3584.2 | 2837.2 | 2079.3 | 1500.1 | 1080.4 | 69.6 |
| 37°   | 6752.4 | 6721.2 | 6320.7 | 5719.9 | 4947.7 | 4056.7 | 3170.5 | 2346.7 | 1663.2 | 1172.8 | 69.6 |
| 38°   | 7408.3 | 7284.8 | 6878.3 | 6266.7 | 5422.5 | 4489.6 | 3519.5 | 2579.4 | 1817.9 | 1256.7 | 68.4 |
| 39°   | 7961.1 | 7777.6 | 7367.5 | 6763.2 | 5837.4 | 4818.1 | 3796.5 | 2804.8 | 1954.6 | 1326.2 | 67.2 |
| 40°   | 8323.2 | 8196.1 | 7768.0 | 7088.1 | 6213.9 | 5128.7 | 4077.1 | 2990.7 | 2056.5 | 1379.0 | 64.8 |
| 41°   | 8722.5 | 8511.5 | 8088.2 | 7404.7 | 6487.4 | 5402.1 | 4253.4 | 3113.0 | 2135.7 | 1413.8 | 62.4 |
| 42°   | 8961.2 | 8788.5 | 8286.1 | 7616.9 | 6682.8 | 5558.0 | 4397.2 | 3206.5 | 2183.6 | 1431.8 | 57.6 |
| 43°   | 9184.2 | 8949.2 | 8459.9 | 7740.5 | 6812.3 | 5668.3 | 4463.2 | 3249.7 | 2194.4 | 1431.8 | 51.6 |
| 44°   | 9154.2 | 8931.2 | 8424.0 | 7757.2 | 6841.1 | 5700.7 | 4490.8 | 3250.9 | 2177.6 | 1413.8 | 45.6 |
| 45°   | 8930.0 | 8708.2 | 8251.3 | 7610.9 | 6738.0 | 5637.2 | 4435.6 | 3202.9 | 2130.9 | 1382.6 | 40.8 |
| 46°   | 8518.7 | 8298.1 | 7947.9 | 7366.3 | 6546.1 | 5493.3 | 4307.3 | 3098.6 | 2052.9 | 1332.2 | 36.0 |
| 47°   | 8071.4 | 7856.8 | 7498.2 | 6971.8 | 6218.7 | 5236.6 | 4121.4 | 2952.3 | 1943.8 | 1259.1 | 32.4 |
| 48°   | 7422.7 | 7288.4 | 6928.6 | 6479.0 | 5764.3 | 4834.9 | 3795.3 | 2713.7 | 1797.5 | 1164.4 | 27.6 |
| 49°   | 6849.5 | 6708.0 | 6392.6 | 5909.4 | 5171.9 | 4367.3 | 3405.6 | 2423.5 | 1606.8 | 1058.8 | 24.0 |
| 50°   | 6301.5 | 6178.0 | 5886.6 | 5341.0 | 4637.1 | 3802.5 | 2879.1 | 2057.7 | 1367.0 | 928.1  | 20.4 |
| 51°   | 5765.5 | 5673.1 | 5375.7 | 4874.5 | 4159.8 | 3368.4 | 2494.2 | 1713.6 | 1129.6 | 769.8  | 19.2 |
| 52°   | 5227.1 | 5216.3 | 4893.7 | 4386.5 | 3695.8 | 2935.5 | 2120.1 | 1446.2 | 958.1  | 646.3  | 18.0 |
| 53°   | 4647.9 | 4578.3 | 4296.5 | 3840.8 | 3177.7 | 2484.6 | 1797.5 | 1219.5 | 825.0  | 550.4  | 15.6 |
| 54°   | 3988.3 | 3910.4 | 3608.2 | 3196.9 | 2596.1 | 2034.9 | 1448.6 | 985.7  | 687.1  | 465.3  | 14.4 |
| 55°   | 3254.5 | 3121.4 | 2901.9 | 2479.8 | 2027.7 | 1552.9 | 1118.8 | 780.6  | 549.2  | 387.3  | 12.0 |
| 56°   | 2469.0 | 2335.9 | 2212.4 | 1901.8 | 1488.1 | 1158.4 | 833.4  | 598.4  | 429.3  | 305.8  | 10.8 |
| 57°   | 1717.2 | 1710.0 | 1507.3 | 1268.7 | 995.3  | 789.0  | 570.8  | 422.1  | 303.4  | 237.4  | 8.4  |
| 58°   | 1114.0 | 1076.8 | 947.3  | 809.4  | 651.1  | 492.8  | 366.9  | 286.6  | 206.3  | 161.9  | 7.2  |
| 59°   | 780.6  | 706.3  | 636.7  | 539.6  | 410.1  | 310.6  | 236.2  | 183.5  | 142.7  | 112.7  | 4.8  |
| 60°   | 479.7  | 464.1  | 417.3  | 328.6  | 266.2  | 219.4  | 176.3  | 135.5  | 104.3  | 80.3   | 2.4  |
| 62.5° | 136.7  | 139.1  | 125.9  | 111.5  | 95.9   | 82.7   | 74.3   | 63.6   | 52.8   | 42.0   | 0.0  |
| 65°   | 31.2   | 30.0   | 32.4   | 30.0   | 27.6   | 27.6   | 24.0   | 21.6   | 19.2   | 18.0   | 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° | 9.6 | 9.6  | 8.4 | 8.4  | 8.4 | 7.2   | 7.2 | 6.0   | 6.0 | 4.8   | 0.0 |
| 70°   | 3.6 | 3.6  | 3.6 | 3.6  | 3.6 | 2.4   | 2.4 | 2.4   | 1.2 | 1.2   | 0.0 |
| 72.5° | 3.6 | 3.6  | 3.6 | 2.4  | 2.4 | 2.4   | 2.4 | 2.4   | 1.2 | 1.2   | 1.2 |
| 75°   | 2.4 | 2.4  | 2.4 | 2.4  | 2.4 | 2.4   | 2.4 | 1.2   | 1.2 | 1.2   | 1.2 |
| 77.5° | 2.4 | 2.4  | 2.4 | 2.4  | 2.4 | 1.2   | 2.4 | 1.2   | 1.2 | 1.2   | 1.2 |
| 80°   | 1.2 | 1.2  | 1.2 | 1.2  | 1.2 | 1.2   | 1.2 | 1.2   | 1.2 | 1.2   | 1.2 |
| 82.5° | 1.2 | 1.2  | 1.2 | 1.2  | 1.2 | 1.2   | 1.2 | 1.2   | 1.2 | 1.2   | 1.2 |
| 85°   | 1.2 | 1.2  | 1.2 | 1.2  | 0.0 | 0.0   | 1.2 | 1.2   | 1.2 | 0.0   | 1.2 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 1.2 |
| 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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CATALOG NUMBER: LDSQA3D17R209735DE010 3LSQCA45R 1MW

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 88.7  | 88.7 | 88.7   | 88.7 | 88.7   | 88.7 |
| 2.5°  | 92.3  | 87.5 | 83.9   | 80.3 | 79.1   | 79.1 |
| 5°    | 89.9  | 82.7 | 75.5   | 71.9 | 69.6   | 69.6 |
| 7.5°  | 82.7  | 74.3 | 67.2   | 63.6 | 62.4   | 62.4 |
| 10°   | 74.3  | 64.8 | 57.6   | 55.2 | 55.2   | 54.0 |
| 12.5° | 64.8  | 55.2 | 50.4   | 49.2 | 49.2   | 49.2 |
| 15°   | 54.0  | 46.8 | 43.2   | 43.2 | 44.4   | 45.6 |
| 17.5° | 45.6  | 38.4 | 37.2   | 39.6 | 42.0   | 42.0 |
| 20°   | 38.4  | 33.6 | 33.6   | 36.0 | 38.4   | 39.6 |
| 22.5° | 32.4  | 28.8 | 30.0   | 33.6 | 37.2   | 38.4 |
| 25°   | 28.8  | 25.2 | 27.6   | 31.2 | 34.8   | 37.2 |
| 27.5° | 24.0  | 22.8 | 25.2   | 30.0 | 34.8   | 36.0 |
| 30°   | 20.4  | 20.4 | 24.0   | 28.8 | 33.6   | 34.8 |
| 31°   | 19.2  | 19.2 | 24.0   | 28.8 | 33.6   | 34.8 |
| 32°   | 18.0  | 19.2 | 22.8   | 28.8 | 33.6   | 34.8 |
| 33°   | 16.8  | 18.0 | 22.8   | 27.6 | 33.6   | 34.8 |
| 34°   | 15.6  | 18.0 | 22.8   | 27.6 | 33.6   | 34.8 |
| 35°   | 14.4  | 18.0 | 22.8   | 27.6 | 33.6   | 34.8 |
| 36°   | 13.2  | 16.8 | 21.6   | 27.6 | 33.6   | 34.8 |
| 37°   | 12.0  | 16.8 | 21.6   | 27.6 | 33.6   | 34.8 |
| 38°   | 10.8  | 15.6 | 21.6   | 27.6 | 33.6   | 34.8 |
| 39°   | 10.8  | 15.6 | 20.4   | 27.6 | 32.4   | 34.8 |
| 40°   | 9.6   | 14.4 | 20.4   | 27.6 | 32.4   | 34.8 |
| 41°   | 8.4   | 14.4 | 20.4   | 26.4 | 32.4   | 34.8 |
| 42°   | 7.2   | 13.2 | 19.2   | 26.4 | 32.4   | 34.8 |
| 43°   | 6.0   | 13.2 | 19.2   | 26.4 | 32.4   | 34.8 |
| 44°   | 6.0   | 12.0 | 19.2   | 26.4 | 32.4   | 34.8 |
| 45°   | 4.8   | 12.0 | 19.2   | 26.4 | 32.4   | 34.8 |
| 46°   | 3.6   | 12.0 | 19.2   | 26.4 | 32.4   | 34.8 |
| 47°   | 3.6   | 10.8 | 18.0   | 26.4 | 32.4   | 34.8 |
| 48°   | 2.4   | 10.8 | 18.0   | 26.4 | 32.4   | 34.8 |
| 49°   | 2.4   | 10.8 | 18.0   | 26.4 | 32.4   | 36.0 |
| 50°   | 2.4   | 10.8 | 18.0   | 25.2 | 32.4   | 36.0 |
| 51°   | 1.2   | 10.8 | 18.0   | 25.2 | 32.4   | 36.0 |
| 52°   | 1.2   | 10.8 | 16.8   | 25.2 | 33.6   | 36.0 |
| 53°   | 1.2   | 9.6  | 16.8   | 25.2 | 33.6   | 36.0 |
| 54°   | 1.2   | 9.6  | 16.8   | 25.2 | 33.6   | 34.8 |
| 55°   | 1.2   | 9.6  | 16.8   | 25.2 | 32.4   | 34.8 |
| 56°   | 1.2   | 8.4  | 16.8   | 25.2 | 32.4   | 34.8 |
| 57°   | 1.2   | 8.4  | 15.6   | 24.0 | 32.4   | 33.6 |
| 58°   | 1.2   | 8.4  | 15.6   | 24.0 | 32.4   | 33.6 |
| 59°   | 1.2   | 8.4  | 15.6   | 24.0 | 31.2   | 33.6 |
| 60°   | 2.4   | 7.2  | 14.4   | 22.8 | 31.2   | 33.6 |
| 62.5° | 2.4   | 7.2  | 14.4   | 22.8 | 30.0   | 32.4 |
| 65°   | 2.4   | 7.2  | 13.2   | 21.6 | 30.0   | 32.4 |



TEST NUMBER: P1315732

CATALOG NUMBER: LDSQA3D17R209735DE010 3LSQCA45R 1MW

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 2.4   | 6.0 | 12.0   | 20.4 | 28.8   | 31.2 |
| 70°   | 2.4   | 7.2 | 12.0   | 19.2 | 27.6   | 30.0 |
| 72.5° | 3.6   | 6.0 | 10.8   | 18.0 | 26.4   | 28.8 |
| 75°   | 3.6   | 6.0 | 10.8   | 16.8 | 25.2   | 26.4 |
| 77.5° | 4.8   | 6.0 | 9.6    | 14.4 | 22.8   | 24.0 |
| 80°   | 4.8   | 6.0 | 8.4    | 12.0 | 19.2   | 20.4 |
| 82.5° | 4.8   | 6.0 | 6.0    | 9.6  | 14.4   | 15.6 |
| 85°   | 3.6   | 4.8 | 4.8    | 6.0  | 9.6    | 10.8 |
| 87.5° | 3.6   | 4.8 | 3.6    | 2.4  | 4.8    | 4.8  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)