

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: P1319471

Luminaire Tested: LDSQA3D20R159835D010 3LSQCA45R 1MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1319471  
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: LDSQA3D20R159835D010 3LSQCA45R 1MB  
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , 3LSQCA45R 1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

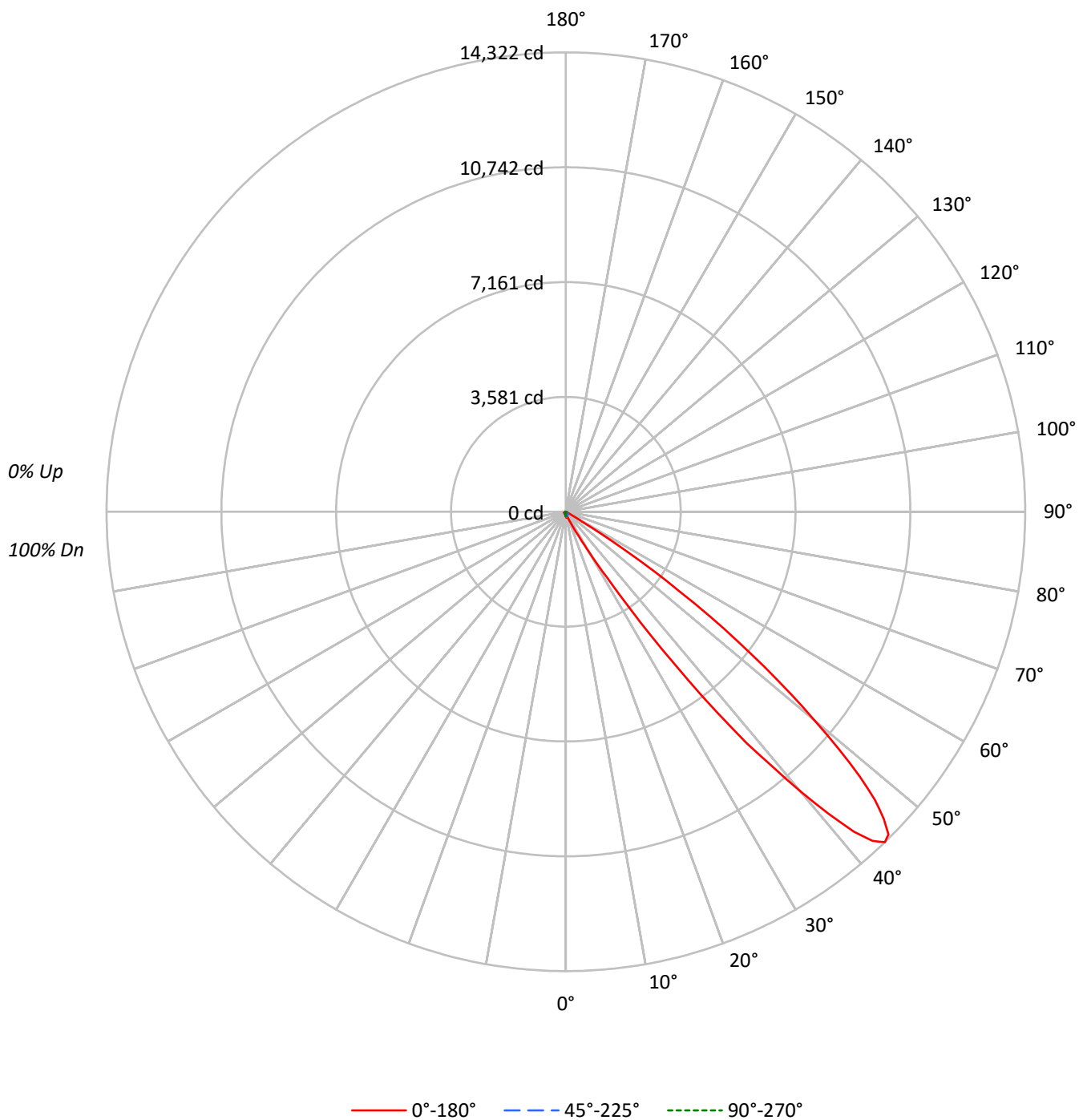
Lumens per Lamp: N/A  
Luminaire Lumens: 1599.0 lumens  
Efficiency: N/A  
Efficacy: 58.4 lumens/watt  
Spacing Criteria (0/90/45): 3.26 / 0.47 / 1.08  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 27.4  
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: P1319471

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### Luminous Intensity Polar Plot



TEST NUMBER: P1319471

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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 | 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°  | 24438   | 24438 | 24438 | 24438 | 24438 |
| 5°  | 30323   | 27004 | 22042 | 19293 | 19017 |
| 10° | 29834   | 23137 | 17016 | 15057 | 15337 |
| 15° | 24730   | 16493 | 12231 | 12517 | 13355 |
| 20° | 42960   | 13141 | 9347  | 10813 | 12279 |
| 25° | 95735   | 15753 | 7582  | 9995  | 11516 |
| 30° | 286307  | 19350 | 6662  | 9824  | 12051 |
| 35° | 1102146 | 21781 | 6034  | 10050 | 12741 |
| 40° | 2558212 | 18997 | 5733  | 10387 | 13624 |
| 45° | 3464976 | 14370 | 5042  | 11252 | 14760 |
| 50° | 2716846 | 8547  | 5117  | 11950 | 16237 |
| 55° | 1304034 | 3843  | 4774  | 12911 | 17715 |
| 60° | 119178  | 551   | 4409  | 13743 | 19771 |
| 65° | 13000   | 0     | 3912  | 14304 | 21435 |
| 70° | 3223    | 0     | 4834  | 15257 | 23264 |
| 75° | 3194    | 1065  | 6388  | 16968 | 26550 |
| 80° | 3174    | 3174  | 7934  | 17356 | 28464 |
| 85° | 3162    | 3162  | 12647 | 15808 | 31419 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3464976 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 12.1   | 0.8       |
| 10°-20°   | 25.2   | 1.6       |
| 20°-30°   | 60.4   | 3.8       |
| 30°-40°   | 330.8  | 20.7      |
| 40°-50°   | 800.9  | 50.1      |
| 50°-60°   | 319.5  | 20.0      |
| 60°-70°   | 27.6   | 1.7       |
| 70°-80°   | 15.6   | 1.0       |
| 80°-90°   | 6.9    | 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°    | 97.7   | 6.1       |
| 0°-40°    | 428.5  | 26.8      |
| 0°-60°    | 1548.9 | 96.9      |
| 0°-90°    | 1599.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1599.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°    | 45° | 90° | 135° | 180° | Flux  |
|-----|-------|-----|-----|------|------|-------|
| 0°  | 142   | 142 | 142 | 142  | 142  |       |
| 5°  | 175   | 156 | 128 | 112  | 110  | 17    |
| 15° | 139   | 92  | 69  | 70   | 75   | 48    |
| 25° | 504   | 83  | 40  | 53   | 61   | 304   |
| 35° | 5242  | 104 | 29  | 48   | 61   | 3704  |
| 45° | 14226 | 59  | 21  | 46   | 61   | 10036 |
| 55° | 4343  | 13  | 16  | 43   | 59   | 4046  |
| 65° | 32    | 0   | 10  | 35   | 53   | 82    |
| 75° | 5     | 2   | 10  | 26   | 40   | 5     |
| 85° | 2     | 2   | 6   | 8    | 16   | 1     |
| 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°    | 141.9   | 141.9   | 141.9   | 141.9   | 141.9  | 141.9  | 141.9  | 141.9  | 141.9  | 141.9  | 141.9 |
| 2.5°  | 159.4   | 159.4   | 161.0   | 159.4   | 159.4  | 159.4  | 159.4  | 157.8  | 157.8  | 157.8  | 153.1 |
| 5°    | 175.4   | 175.4   | 175.4   | 175.4   | 173.8  | 173.8  | 173.8  | 172.2  | 172.2  | 170.6  | 156.2 |
| 7.5°  | 181.8   | 181.8   | 180.2   | 180.2   | 178.6  | 178.6  | 177.0  | 175.4  | 173.8  | 172.2  | 149.9 |
| 10°   | 170.6   | 170.6   | 170.6   | 169.0   | 169.0  | 167.4  | 165.8  | 164.2  | 162.6  | 159.4  | 132.3 |
| 12.5° | 151.5   | 151.5   | 153.1   | 151.5   | 149.9  | 148.3  | 145.1  | 143.5  | 141.9  | 138.7  | 110.0 |
| 15°   | 138.7   | 138.7   | 138.7   | 137.1   | 135.5  | 132.3  | 130.7  | 127.5  | 126.0  | 121.2  | 92.5  |
| 17.5° | 177.0   | 177.0   | 175.4   | 172.2   | 165.8  | 161.0  | 153.1  | 146.7  | 138.7  | 129.1  | 79.7  |
| 20°   | 234.4   | 234.4   | 231.2   | 228.0   | 220.0  | 212.0  | 199.3  | 188.1  | 175.4  | 164.2  | 71.7  |
| 22.5° | 339.6   | 344.4   | 334.8   | 323.7   | 312.5  | 293.4  | 275.8  | 258.3  | 236.0  | 216.8  | 73.3  |
| 25°   | 503.8   | 508.6   | 503.8   | 478.3   | 457.6  | 432.1  | 398.6  | 363.5  | 325.2  | 290.2  | 82.9  |
| 27.5° | 816.3   | 819.5   | 811.5   | 749.3   | 715.9  | 648.9  | 589.9  | 532.5  | 468.7  | 405.0  | 90.9  |
| 30°   | 1439.7  | 1441.3  | 1390.3  | 1265.9  | 1155.9 | 1009.2 | 884.9  | 765.3  | 664.8  | 562.8  | 97.3  |
| 31°   | 1895.7  | 1851.0  | 1742.6  | 1592.8  | 1417.4 | 1219.7 | 1049.1 | 894.4  | 744.6  | 634.6  | 98.8  |
| 32°   | 2407.5  | 2401.1  | 2220.9  | 1961.1  | 1726.7 | 1479.6 | 1222.9 | 1025.2 | 853.0  | 703.1  | 100.4 |
| 33°   | 3085.1  | 3088.3  | 2804.5  | 2498.4  | 2114.1 | 1782.5 | 1446.1 | 1175.0 | 967.8  | 784.4  | 103.6 |
| 34°   | 4143.7  | 3895.0  | 3561.8  | 3147.3  | 2624.3 | 2125.3 | 1688.4 | 1348.8 | 1071.4 | 862.5  | 103.6 |
| 35°   | 5242.2  | 4991.9  | 4625.2  | 3997.0  | 3279.6 | 2581.3 | 1977.0 | 1535.4 | 1195.8 | 947.0  | 103.6 |
| 36°   | 6473.1  | 6261.0  | 5706.2  | 4904.2  | 3989.1 | 3011.7 | 2283.1 | 1750.6 | 1318.5 | 1023.6 | 102.0 |
| 37°   | 7802.8  | 7491.9  | 6876.4  | 6001.1  | 4776.7 | 3617.6 | 2656.2 | 1964.2 | 1441.3 | 1106.5 | 98.8  |
| 38°   | 9153.2  | 8872.6  | 8096.1  | 7035.9  | 5717.4 | 4256.9 | 3029.3 | 2169.9 | 1554.5 | 1168.7 | 94.1  |
| 39°   | 10176.8 | 10023.7 | 9253.6  | 8069.0  | 6468.3 | 4862.8 | 3413.5 | 2389.9 | 1674.1 | 1230.8 | 89.3  |
| 40°   | 11378.9 | 11131.8 | 10401.6 | 8936.4  | 7356.3 | 5479.8 | 3789.8 | 2584.4 | 1772.9 | 1280.3 | 84.5  |
| 41°   | 12475.8 | 12163.3 | 11241.8 | 9826.0  | 8067.4 | 6034.6 | 4146.9 | 2785.3 | 1852.6 | 1309.0 | 81.3  |
| 42°   | 13416.5 | 13053.0 | 12090.0 | 10588.1 | 8662.1 | 6477.9 | 4432.3 | 2928.8 | 1927.6 | 1332.9 | 76.5  |
| 43°   | 14025.5 | 13711.4 | 12764.4 | 11160.5 | 9170.7 | 6884.4 | 4698.6 | 3078.7 | 1973.8 | 1348.8 | 70.2  |
| 44°   | 14322.1 | 14004.8 | 13088.0 | 11519.2 | 9483.2 | 7128.4 | 4870.7 | 3182.3 | 2024.8 | 1369.5 | 65.4  |
| 45°   | 14226.4 | 13904.4 | 13017.9 | 11525.6 | 9580.5 | 7216.0 | 4944.1 | 3228.6 | 2051.9 | 1388.7 | 59.0  |
| 46°   | 13788.0 | 13561.6 | 12668.7 | 11225.8 | 9395.5 | 7122.0 | 4902.6 | 3193.5 | 2042.4 | 1388.7 | 52.6  |
| 47°   | 13172.5 | 12914.3 | 12064.5 | 10710.9 | 8947.5 | 6879.6 | 4735.2 | 3086.7 | 1983.4 | 1356.8 | 46.2  |
| 48°   | 12333.9 | 12113.9 | 11221.1 | 9893.0  | 8260.3 | 6351.9 | 4357.4 | 2912.9 | 1890.9 | 1294.6 | 39.9  |
| 49°   | 11281.6 | 10975.5 | 10144.9 | 8847.1  | 7364.3 | 5602.6 | 3861.5 | 2619.5 | 1742.6 | 1206.9 | 35.1  |
| 50°   | 10140.1 | 9762.2  | 9121.3  | 7799.6  | 6438.0 | 4803.8 | 3209.4 | 2214.6 | 1533.8 | 1092.1 | 31.9  |
| 51°   | 9022.4  | 8638.2  | 8027.6  | 6903.6  | 5449.5 | 3985.9 | 2589.2 | 1768.1 | 1262.7 | 934.3  | 27.1  |
| 52°   | 7863.4  | 7541.3  | 6857.3  | 5974.0  | 4665.1 | 3230.2 | 2157.2 | 1495.5 | 1049.1 | 784.4  | 22.3  |
| 53°   | 6709.0  | 6489.0  | 5838.5  | 4944.1  | 3748.3 | 2638.7 | 1761.8 | 1280.3 | 915.2  | 671.2  | 17.5  |
| 54°   | 5553.1  | 5312.4  | 4818.1  | 4021.0  | 3021.3 | 2082.2 | 1493.9 | 1071.4 | 794.0  | 585.1  | 15.9  |
| 55°   | 4343.0  | 4218.7  | 3762.7  | 3065.9  | 2289.5 | 1661.3 | 1211.7 | 921.5  | 664.8  | 489.5  | 12.8  |
| 56°   | 3345.0  | 3204.7  | 2788.5  | 2224.1  | 1701.2 | 1301.0 | 980.5  | 752.5  | 562.8  | 409.7  | 9.6   |
| 57°   | 2190.6  | 2047.1  | 1771.3  | 1552.9  | 1238.8 | 948.6  | 749.3  | 593.1  | 457.6  | 339.6  | 8.0   |
| 58°   | 1294.6  | 1163.9  | 1120.8  | 956.6   | 825.9  | 644.1  | 553.2  | 441.6  | 338.0  | 267.9  | 4.8   |
| 59°   | 594.7   | 604.3   | 537.3   | 503.8   | 457.6  | 409.7  | 336.4  | 295.0  | 231.2  | 192.9  | 3.2   |
| 60°   | 346.0   | 326.8   | 318.9   | 285.4   | 253.5  | 224.8  | 202.5  | 178.6  | 145.1  | 124.4  | 1.6   |
| 62.5° | 118.0   | 113.2   | 116.4   | 105.2   | 98.8   | 95.7   | 87.7   | 74.9   | 62.2   | 51.0   | 0.0   |
| 65°   | 31.9    | 31.9    | 30.3    | 28.7    | 27.1   | 25.5   | 23.9   | 20.7   | 19.1   | 15.9   | 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° | 11.2 | 11.2 | 9.6 | 9.6  | 8.0 | 8.0   | 6.4 | 6.4   | 4.8 | 4.8   | 0.0 |
| 70°   | 6.4  | 6.4  | 6.4 | 4.8  | 4.8 | 4.8   | 3.2 | 3.2   | 3.2 | 1.6   | 0.0 |
| 72.5° | 4.8  | 4.8  | 4.8 | 4.8  | 4.8 | 4.8   | 3.2 | 3.2   | 3.2 | 1.6   | 1.6 |
| 75°   | 4.8  | 4.8  | 4.8 | 3.2  | 3.2 | 3.2   | 3.2 | 3.2   | 3.2 | 3.2   | 1.6 |
| 77.5° | 3.2  | 3.2  | 3.2 | 3.2  | 3.2 | 3.2   | 3.2 | 3.2   | 3.2 | 3.2   | 3.2 |
| 80°   | 3.2  | 3.2  | 3.2 | 3.2  | 3.2 | 3.2   | 3.2 | 3.2   | 3.2 | 1.6   | 3.2 |
| 82.5° | 1.6  | 1.6  | 1.6 | 1.6  | 1.6 | 1.6   | 1.6 | 1.6   | 1.6 | 1.6   | 3.2 |
| 85°   | 1.6  | 1.6  | 1.6 | 1.6  | 1.6 | 1.6   | 1.6 | 1.6   | 1.6 | 1.6   | 1.6 |
| 87.5° | 0.0  | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 1.6 |
| 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°    | 141.9 | 141.9 | 141.9  | 141.9 | 141.9  | 141.9 |
| 2.5°  | 146.7 | 140.3 | 132.3  | 127.5 | 126.0  | 124.4 |
| 5°    | 140.3 | 127.5 | 118.0  | 111.6 | 110.0  | 110.0 |
| 7.5°  | 126.0 | 111.6 | 102.0  | 98.8  | 97.3   | 97.3  |
| 10°   | 110.0 | 97.3  | 89.3   | 86.1  | 87.7   | 87.7  |
| 12.5° | 92.5  | 81.3  | 78.1   | 78.1  | 79.7   | 81.3  |
| 15°   | 74.9  | 68.6  | 68.6   | 70.2  | 73.3   | 74.9  |
| 17.5° | 62.2  | 59.0  | 60.6   | 63.8  | 67.0   | 70.2  |
| 20°   | 51.0  | 51.0  | 54.2   | 59.0  | 63.8   | 67.0  |
| 22.5° | 43.0  | 44.6  | 49.4   | 54.2  | 60.6   | 63.8  |
| 25°   | 36.7  | 39.9  | 44.6   | 52.6  | 59.0   | 60.6  |
| 27.5° | 31.9  | 36.7  | 43.0   | 51.0  | 57.4   | 60.6  |
| 30°   | 27.1  | 33.5  | 41.5   | 49.4  | 57.4   | 60.6  |
| 31°   | 25.5  | 31.9  | 39.9   | 49.4  | 57.4   | 60.6  |
| 32°   | 23.9  | 31.9  | 39.9   | 49.4  | 57.4   | 60.6  |
| 33°   | 22.3  | 30.3  | 39.9   | 47.8  | 57.4   | 60.6  |
| 34°   | 20.7  | 30.3  | 39.9   | 49.4  | 57.4   | 60.6  |
| 35°   | 19.1  | 28.7  | 38.3   | 47.8  | 55.8   | 60.6  |
| 36°   | 17.5  | 28.7  | 38.3   | 47.8  | 57.4   | 60.6  |
| 37°   | 15.9  | 28.7  | 38.3   | 47.8  | 55.8   | 60.6  |
| 38°   | 15.9  | 27.1  | 36.7   | 47.8  | 55.8   | 60.6  |
| 39°   | 14.3  | 25.5  | 36.7   | 47.8  | 55.8   | 60.6  |
| 40°   | 12.8  | 25.5  | 35.1   | 46.2  | 55.8   | 60.6  |
| 41°   | 11.2  | 23.9  | 35.1   | 46.2  | 55.8   | 60.6  |
| 42°   | 9.6   | 23.9  | 35.1   | 46.2  | 55.8   | 60.6  |
| 43°   | 8.0   | 22.3  | 33.5   | 46.2  | 55.8   | 60.6  |
| 44°   | 8.0   | 22.3  | 33.5   | 46.2  | 55.8   | 60.6  |
| 45°   | 6.4   | 20.7  | 31.9   | 46.2  | 55.8   | 60.6  |
| 46°   | 6.4   | 20.7  | 31.9   | 44.6  | 55.8   | 60.6  |
| 47°   | 4.8   | 20.7  | 31.9   | 44.6  | 55.8   | 60.6  |
| 48°   | 4.8   | 19.1  | 31.9   | 44.6  | 55.8   | 60.6  |
| 49°   | 3.2   | 19.1  | 31.9   | 44.6  | 55.8   | 60.6  |
| 50°   | 3.2   | 19.1  | 30.3   | 44.6  | 55.8   | 60.6  |
| 51°   | 3.2   | 19.1  | 30.3   | 44.6  | 55.8   | 60.6  |
| 52°   | 3.2   | 17.5  | 30.3   | 44.6  | 55.8   | 60.6  |
| 53°   | 3.2   | 17.5  | 30.3   | 44.6  | 55.8   | 60.6  |
| 54°   | 3.2   | 17.5  | 28.7   | 44.6  | 55.8   | 60.6  |
| 55°   | 3.2   | 15.9  | 28.7   | 43.0  | 55.8   | 59.0  |
| 56°   | 3.2   | 15.9  | 28.7   | 43.0  | 55.8   | 59.0  |
| 57°   | 3.2   | 15.9  | 27.1   | 43.0  | 55.8   | 59.0  |
| 58°   | 3.2   | 14.3  | 27.1   | 41.5  | 54.2   | 59.0  |
| 59°   | 3.2   | 14.3  | 25.5   | 41.5  | 54.2   | 57.4  |
| 60°   | 3.2   | 12.8  | 25.5   | 39.9  | 52.6   | 57.4  |
| 62.5° | 3.2   | 11.2  | 22.3   | 38.3  | 51.0   | 54.2  |
| 65°   | 3.2   | 9.6   | 20.7   | 35.1  | 49.4   | 52.6  |



TEST NUMBER: P1319471

CATALOG NUMBER: LDSQA3D20R159835D010 3LSQCA45R 1MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 3.2   | 9.6 | 19.1   | 33.5 | 46.2   | 51.0 |
| 70°   | 3.2   | 9.6 | 17.5   | 30.3 | 44.6   | 46.2 |
| 72.5° | 4.8   | 9.6 | 15.9   | 28.7 | 41.5   | 43.0 |
| 75°   | 6.4   | 9.6 | 14.3   | 25.5 | 38.3   | 39.9 |
| 77.5° | 6.4   | 9.6 | 12.8   | 22.3 | 33.5   | 35.1 |
| 80°   | 6.4   | 8.0 | 11.2   | 17.5 | 27.1   | 28.7 |
| 82.5° | 6.4   | 8.0 | 8.0    | 14.3 | 20.7   | 22.3 |
| 85°   | 4.8   | 6.4 | 6.4    | 8.0  | 14.3   | 15.9 |
| 87.5° | 4.8   | 6.4 | 3.2    | 4.8  | 6.4    | 6.4  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)