

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: P1316857

Luminaire Tested: LDSQA3D20R209740D010 3LSQCA30R 1MMS

Issue Date: 1/29/2026

**Test Information**

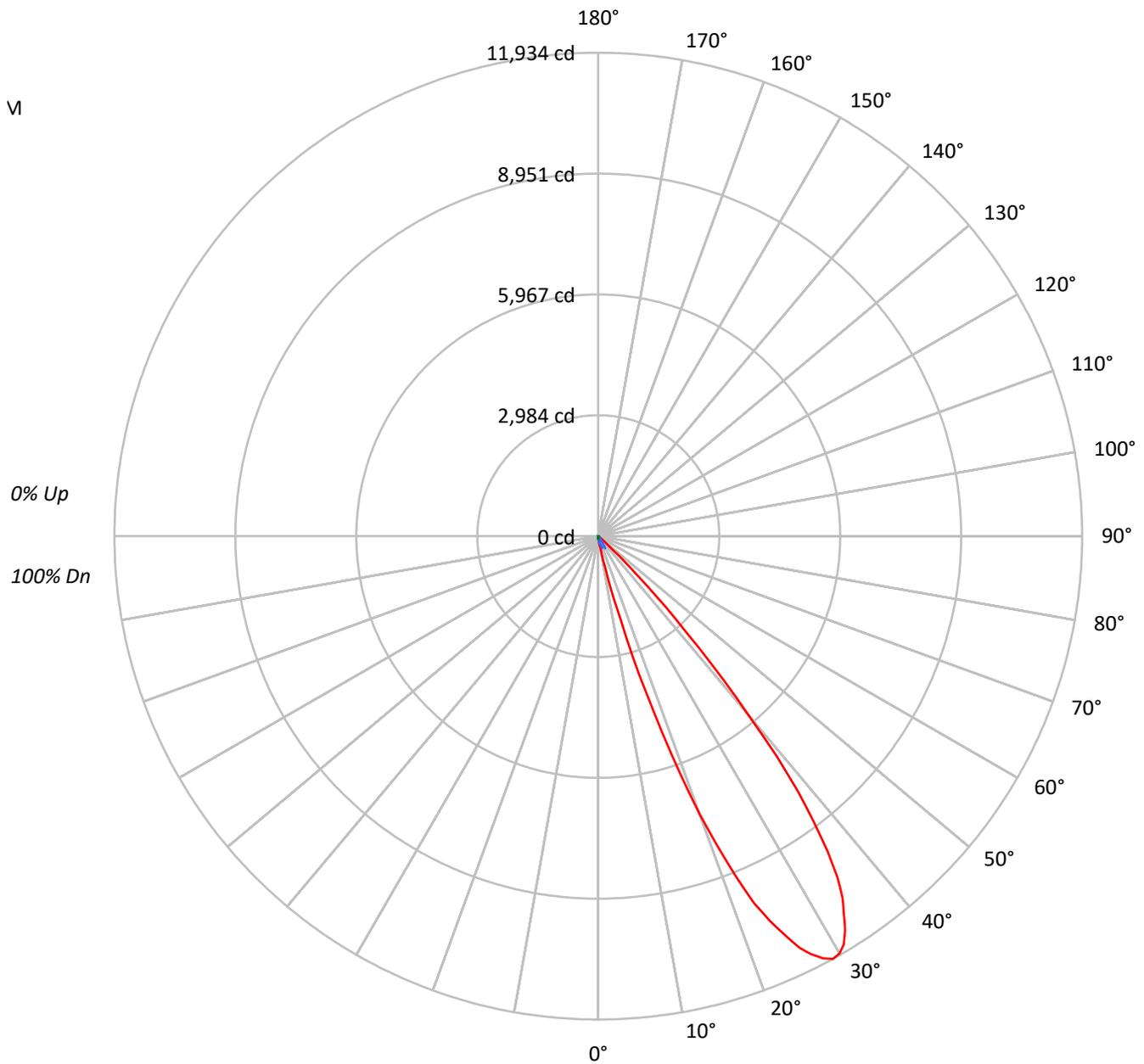
Test Method: LM-79-2019  
Report Number: P1316857  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-48)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D20R209740D010 3LSQCA30R 1MMS  
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , 3LSQCA30R 1MMS TRII  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1647.0 lumens  
Efficiency: N/A  
Efficacy: 57.2 lumens/watt  
Spacing Criteria (0/90/45): 2.28 / 0.42 / 1.12  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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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CATALOG NUMBER: LDSQA3D20R209740D010 3LSQCA30R 1MMS

### 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  |     |
| 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  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1   | 113 | 109 | 107 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99  | 99  | 98  | 96  | 96  | 95  | 93  | 92  |
| 2   | 106 | 100 | 96  | 92  | 104 | 98  | 94  | 91  | 95  | 92  | 89  | 92  | 89  | 87  | 89  | 87  | 85  | 83  |
| 3   | 99  | 92  | 86  | 81  | 97  | 90  | 85  | 81  | 88  | 83  | 79  | 85  | 81  | 78  | 83  | 80  | 77  | 75  |
| 4   | 93  | 84  | 77  | 72  | 91  | 83  | 77  | 72  | 80  | 75  | 71  | 78  | 74  | 70  | 76  | 73  | 69  | 68  |
| 5   | 87  | 77  | 70  | 65  | 85  | 76  | 69  | 64  | 74  | 68  | 64  | 72  | 67  | 63  | 70  | 66  | 63  | 61  |
| 6   | 81  | 70  | 63  | 58  | 79  | 69  | 63  | 58  | 68  | 62  | 57  | 66  | 61  | 57  | 65  | 60  | 57  | 55  |
| 7   | 76  | 64  | 57  | 52  | 74  | 64  | 57  | 52  | 62  | 56  | 52  | 61  | 56  | 51  | 60  | 55  | 51  | 50  |
| 8   | 71  | 59  | 52  | 47  | 69  | 59  | 52  | 47  | 57  | 51  | 47  | 56  | 51  | 46  | 55  | 50  | 46  | 45  |
| 9   | 66  | 54  | 47  | 42  | 65  | 54  | 47  | 42  | 53  | 47  | 42  | 52  | 46  | 42  | 51  | 46  | 42  | 40  |
| 10  | 62  | 50  | 43  | 38  | 60  | 50  | 43  | 38  | 49  | 42  | 38  | 48  | 42  | 38  | 47  | 42  | 38  | 36  |

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

|     | 0°      | 45°   | 90°   | 135°  | 180°  |
|-----|---------|-------|-------|-------|-------|
| 0°  | 10161   | 10161 | 10161 | 10161 | 10161 |
| 5°  | 22094   | 15577 | 9353  | 4253  | 3112  |
| 10° | 55000   | 27491 | 6593  | 857   | 0     |
| 15° | 386960  | 37674 | 3798  | 0     | 0     |
| 20° | 1337416 | 63340 | 1503  | 0     | 0     |
| 25° | 2061504 | 80932 | 627   | 0     | 0     |
| 30° | 2366182 | 62543 | 0     | 0     | 0     |
| 35° | 2160982 | 23758 | 0     | 0     | 0     |
| 40° | 1295529 | 11039 | 0     | 0     | 0     |
| 45° | 318357  | 5188  | 0     | 0     | 0     |
| 50° | 35099   | 1313  | 0     | 0     | 0     |
| 55° | 4924    | 0     | 480   | 0     | 0     |
| 60° | 0       | 0     | 1137  | 0     | 0     |
| 65° | 0       | 0     | 1345  | 0     | 0     |
| 70° | 0       | 806   | 2467  | 0     | 0     |
| 75° | 0       | 1065  | 3261  | 0     | 0     |
| 80° | 0       | 1587  | 4860  | 0     | 0     |
| 85° | 0       | 3162  | 9683  | 0     | 0     |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 1°  
 Vertical Angle: 45°  
 Luminance: 339498 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 6.7    | 0.4       |
| 10°-20°   | 128.6  | 7.8       |
| 20°-30°   | 650.6  | 39.5      |
| 30°-40°   | 703.9  | 42.7      |
| 40°-50°   | 148.7  | 9.0       |
| 50°-60°   | 4.5    | 0.3       |
| 60°-70°   | 1.1    | 0.1       |
| 70°-80°   | 1.5    | 0.1       |
| 80°-90°   | 1.4    | 0.1       |
| 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°    | 786.0  | 47.7      |
| 0°-40°    | 1489.9 | 90.5      |
| 0°-60°    | 1643.0 | 99.8      |
| 0°-90°    | 1647.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1647.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°    | 45° | 90° | 135° | 180° | Flux |
|-----|-------|-----|-----|------|------|------|
| 0°  | 59    | 59  | 59  | 59   | 59   |      |
| 5°  | 128   | 90  | 54  | 25   | 18   | 18   |
| 15° | 2170  | 211 | 21  | 0    | 0    | 905  |
| 25° | 10848 | 426 | 3   | 0    | 0    | 4904 |
| 35° | 10278 | 113 | 0   | 0    | 0    | 6061 |
| 45° | 1307  | 21  | 0   | 0    | 0    | 1438 |
| 55° | 16    | 0   | 2   | 0    | 0    | 29   |
| 65° | 0     | 0   | 3   | 0    | 0    | 0    |
| 75° | 0     | 2   | 5   | 0    | 0    | 0    |
| 85° | 0     | 2   | 5   | 0    | 0    | 0    |
| 90° | 0     | 0   | 0   | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 2°      | 3°      | 4°      | 5°      | 6°      | 7°      | 8°      | 9°      | 10°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 59.0    | 59.0    | 59.0    | 59.0    | 59.0    | 59.0    | 59.0    | 59.0    | 59.0    | 59.0    | 59.0    |
| 2.5°  | 80.3    | 78.6    | 80.3    | 78.6    | 80.3    | 80.3    | 80.3    | 78.6    | 78.6    | 78.6    | 78.6    |
| 5°    | 127.8   | 127.8   | 126.1   | 127.8   | 127.8   | 127.8   | 127.8   | 126.1   | 126.1   | 124.5   | 124.5   |
| 7.5°  | 201.5   | 201.5   | 199.8   | 199.8   | 201.5   | 203.1   | 196.6   | 199.8   | 199.8   | 199.8   | 198.2   |
| 10°   | 314.5   | 321.0   | 314.5   | 322.7   | 316.1   | 311.2   | 319.4   | 311.2   | 311.2   | 309.6   | 304.7   |
| 12.5° | 792.8   | 774.8   | 763.3   | 735.5   | 763.3   | 742.0   | 746.9   | 742.0   | 725.6   | 704.3   | 691.2   |
| 15°   | 2170.3  | 2170.3  | 2106.5  | 2191.6  | 2129.4  | 2152.3  | 2034.4  | 2036.0  | 1975.4  | 1909.9  | 1873.9  |
| 17.5° | 4537.3  | 4578.2  | 4535.6  | 4509.4  | 4453.7  | 4373.5  | 4340.7  | 4257.2  | 4147.4  | 4019.7  | 4004.9  |
| 20°   | 7297.3  | 7125.3  | 7205.6  | 7131.8  | 7086.0  | 6987.7  | 6878.0  | 6809.2  | 6712.5  | 6550.4  | 6311.2  |
| 21°   | 8165.4  | 8158.9  | 8157.2  | 8155.6  | 8088.4  | 7927.9  | 7828.0  | 7690.4  | 7554.5  | 7387.4  | 7187.5  |
| 22°   | 9040.1  | 9071.2  | 9084.3  | 8989.3  | 8851.7  | 8779.7  | 8710.9  | 8522.5  | 8307.9  | 8221.1  | 7983.6  |
| 23°   | 9842.7  | 9813.3  | 9728.1  | 9683.9  | 9577.4  | 9556.1  | 9351.3  | 9231.8  | 9022.1  | 8927.1  | 8645.4  |
| 24°   | 10389.8 | 10375.1 | 10335.8 | 10270.3 | 10185.1 | 10054.0 | 9931.2  | 9742.8  | 9570.8  | 9415.2  | 9153.1  |
| 25°   | 10848.5 | 10861.6 | 10789.5 | 10745.3 | 10653.5 | 10506.1 | 10355.4 | 10149.0 | 9988.5  | 9806.7  | 9503.7  |
| 26°   | 11302.2 | 11210.5 | 11153.1 | 11087.6 | 10987.7 | 10819.0 | 10673.2 | 10488.1 | 10293.2 | 10090.1 | 9793.6  |
| 27°   | 11582.3 | 11500.4 | 11413.6 | 11349.7 | 11235.0 | 11074.5 | 10918.9 | 10714.2 | 10496.3 | 10291.6 | 9986.9  |
| 28°   | 11803.4 | 11713.3 | 11628.2 | 11551.2 | 11420.1 | 11248.1 | 11061.4 | 10853.4 | 10627.3 | 10416.0 | 10104.8 |
| 29°   | 11934.5 | 11828.0 | 11736.3 | 11649.5 | 11529.9 | 11343.1 | 11154.8 | 10932.0 | 10714.2 | 10493.0 | 10175.3 |
| 30°   | 11898.4 | 11806.7 | 11718.2 | 11629.8 | 11508.6 | 11333.3 | 11146.6 | 10933.6 | 10714.2 | 10496.3 | 10173.6 |
| 31°   | 11757.6 | 11644.5 | 11580.7 | 11492.2 | 11387.4 | 11208.8 | 11048.3 | 10815.7 | 10617.5 | 10381.6 | 10059.0 |
| 32°   | 11487.3 | 11415.2 | 11330.0 | 11261.2 | 11159.7 | 10969.7 | 10812.4 | 10622.4 | 10388.2 | 10194.9 | 9855.8  |
| 33°   | 11120.4 | 11053.2 | 11010.6 | 10930.4 | 10832.1 | 10701.1 | 10512.7 | 10339.1 | 10075.3 | 9877.1  | 9538.1  |
| 34°   | 10769.8 | 10684.7 | 10578.2 | 10555.3 | 10470.1 | 10301.4 | 10131.0 | 9954.1  | 9718.3  | 9466.0  | 9123.7  |
| 35°   | 10278.4 | 10190.0 | 10091.7 | 10099.9 | 9998.3  | 9801.8  | 9628.2  | 9430.0  | 9205.6  | 8909.1  | 8584.8  |
| 36°   | 9621.6  | 9562.6  | 9547.9  | 9508.6  | 9392.3  | 9158.1  | 8992.6  | 8743.6  | 8555.3  | 8193.3  | 7914.8  |
| 37°   | 8820.6  | 8841.9  | 8735.5  | 8684.7  | 8548.7  | 8384.9  | 8291.6  | 7972.1  | 7752.7  | 7480.7  | 7104.0  |
| 38°   | 8011.5  | 7980.3  | 7854.2  | 7885.3  | 7698.6  | 7528.2  | 7264.5  | 7074.5  | 6828.8  | 6576.6  | 6275.2  |
| 39°   | 7000.8  | 6923.8  | 6773.1  | 6779.7  | 6638.8  | 6447.2  | 6191.6  | 5967.2  | 5819.8  | 5577.4  | 5289.1  |
| 40°   | 5762.5  | 5729.7  | 5677.3  | 5590.5  | 5405.4  | 5321.9  | 5094.2  | 4851.8  | 4727.3  | 4391.5  | 4250.6  |
| 42.5° | 3197.4  | 3153.1  | 3064.7  | 3033.6  | 2935.3  | 2837.0  | 2704.3  | 2542.2  | 2463.6  | 2363.6  | 2140.9  |
| 45°   | 1307.1  | 1393.9  | 1372.6  | 1348.1  | 1272.7  | 1277.6  | 1182.6  | 1194.1  | 1107.3  | 1048.3  | 1007.4  |
| 47.5° | 288.3   | 312.9   | 314.5   | 303.0   | 314.5   | 304.7   | 299.8   | 291.6   | 293.2   | 298.1   | 286.6   |
| 50°   | 131.0   | 129.4   | 132.7   | 131.0   | 129.4   | 127.8   | 126.1   | 121.2   | 124.5   | 121.2   | 117.9   |
| 52.5° | 50.8    | 52.4    | 52.4    | 49.1    | 50.8    | 50.8    | 50.8    | 49.1    | 49.1    | 49.1    | 49.1    |
| 55°   | 16.4    | 16.4    | 16.4    | 14.7    | 14.7    | 16.4    | 16.4    | 16.4    | 16.4    | 16.4    | 14.7    |
| 57.5° | 1.6     | 3.3     | 1.6     | 3.3     | 1.6     | 1.6     | 1.6     | 1.6     | 1.6     | 3.3     | 3.3     |
| 60°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 62.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 65°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 67.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 70°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 72.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 75°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 77.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 80°   | 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):**

|       | 0°  | 1°  | 2°  | 3°  | 4°  | 5°  | 6°  | 7°  | 8°  | 9°  | 10° |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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):**

|       | 22.5°  | 45°   | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|--------|-------|-------|------|--------|------|--------|------|
| 0°    | 59.0   | 59.0  | 59.0  | 59.0 | 59.0   | 59.0 | 59.0   | 59.0 |
| 2.5°  | 75.3   | 68.8  | 63.9  | 59.0 | 49.1   | 40.9 | 37.7   | 37.7 |
| 5°    | 116.3  | 90.1  | 67.2  | 54.1 | 37.7   | 24.6 | 19.7   | 18.0 |
| 7.5°  | 175.3  | 121.2 | 70.4  | 45.9 | 24.6   | 13.1 | 8.2    | 6.6  |
| 10°   | 253.9  | 157.2 | 73.7  | 37.7 | 14.7   | 4.9  | 0.0    | 0.0  |
| 12.5° | 443.9  | 188.4 | 73.7  | 29.5 | 6.6    | 0.0  | 0.0    | 0.0  |
| 15°   | 1017.2 | 211.3 | 70.4  | 21.3 | 1.6    | 0.0  | 0.0    | 0.0  |
| 17.5° | 2113.0 | 265.4 | 62.2  | 14.7 | 0.0    | 0.0  | 0.0    | 0.0  |
| 20°   | 3374.3 | 345.6 | 49.1  | 8.2  | 0.0    | 0.0  | 0.0    | 0.0  |
| 21°   | 3893.5 | 373.5 | 44.2  | 6.6  | 0.0    | 0.0  | 0.0    | 0.0  |
| 22°   | 4267.0 | 399.7 | 39.3  | 4.9  | 0.0    | 0.0  | 0.0    | 0.0  |
| 23°   | 4678.1 | 416.1 | 34.4  | 3.3  | 0.0    | 0.0  | 0.0    | 0.0  |
| 24°   | 4981.2 | 425.9 | 29.5  | 3.3  | 0.0    | 0.0  | 0.0    | 0.0  |
| 25°   | 5169.5 | 425.9 | 26.2  | 3.3  | 0.0    | 0.0  | 0.0    | 0.0  |
| 26°   | 5280.9 | 416.1 | 22.9  | 1.6  | 0.0    | 0.0  | 0.0    | 0.0  |
| 27°   | 5307.1 | 399.7 | 19.7  | 1.6  | 0.0    | 0.0  | 0.0    | 0.0  |
| 28°   | 5274.4 | 378.4 | 16.4  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 29°   | 5171.2 | 347.3 | 14.7  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 30°   | 5059.8 | 314.5 | 11.5  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 31°   | 4869.8 | 270.3 | 9.8   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 32°   | 4650.3 | 224.4 | 8.2   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 33°   | 4357.1 | 176.9 | 6.6   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 34°   | 3924.6 | 139.2 | 6.6   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 35°   | 3536.4 | 113.0 | 4.9   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 36°   | 3028.7 | 90.1  | 4.9   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 37°   | 2594.6 | 75.3  | 4.9   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 38°   | 2172.0 | 63.9  | 3.3   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 39°   | 1762.5 | 55.7  | 3.3   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 40°   | 1405.4 | 49.1  | 3.3   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 42.5° | 758.4  | 32.8  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 45°   | 419.3  | 21.3  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 47.5° | 185.1  | 11.5  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 50°   | 62.2   | 4.9   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 52.5° | 31.1   | 0.0   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 55°   | 14.7   | 0.0   | 0.0   | 1.6  | 0.0    | 0.0  | 0.0    | 0.0  |
| 57.5° | 3.3    | 0.0   | 0.0   | 1.6  | 0.0    | 0.0  | 0.0    | 0.0  |
| 60°   | 0.0    | 0.0   | 1.6   | 3.3  | 0.0    | 0.0  | 0.0    | 0.0  |
| 62.5° | 0.0    | 0.0   | 1.6   | 3.3  | 1.6    | 0.0  | 0.0    | 0.0  |
| 65°   | 0.0    | 0.0   | 3.3   | 3.3  | 1.6    | 0.0  | 0.0    | 0.0  |
| 67.5° | 0.0    | 1.6   | 3.3   | 4.9  | 1.6    | 0.0  | 0.0    | 0.0  |
| 70°   | 0.0    | 1.6   | 3.3   | 4.9  | 1.6    | 0.0  | 0.0    | 0.0  |
| 72.5° | 0.0    | 1.6   | 3.3   | 4.9  | 1.6    | 0.0  | 0.0    | 0.0  |
| 75°   | 0.0    | 1.6   | 3.3   | 4.9  | 1.6    | 0.0  | 0.0    | 0.0  |
| 77.5° | 0.0    | 1.6   | 3.3   | 4.9  | 1.6    | 0.0  | 0.0    | 0.0  |
| 80°   | 0.0    | 1.6   | 3.3   | 4.9  | 1.6    | 0.0  | 0.0    | 0.0  |



TEST NUMBER: P1316857

CATALOG NUMBER: LDSQA3D20R209740D010 3LSQCA30R 1MMS

**CANDELA DISTRIBUTION (continued):**

|       | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|-------|-----|--------|------|--------|------|
| 82.5° | 0.0   | 1.6 | 3.3   | 4.9 | 1.6    | 0.0  | 0.0    | 0.0  |
| 85°   | 0.0   | 1.6 | 3.3   | 4.9 | 1.6    | 0.0  | 0.0    | 0.0  |
| 87.5° | 0.0   | 1.6 | 3.3   | 4.9 | 1.6    | 0.0  | 0.0    | 0.0  |
| 90°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)