

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: P1323848

Luminaire Tested: LDSQA3D13R159030D2WDE010 3LSQCA30R 1MB

Issue Date: 1/29/2026

**Test Information**

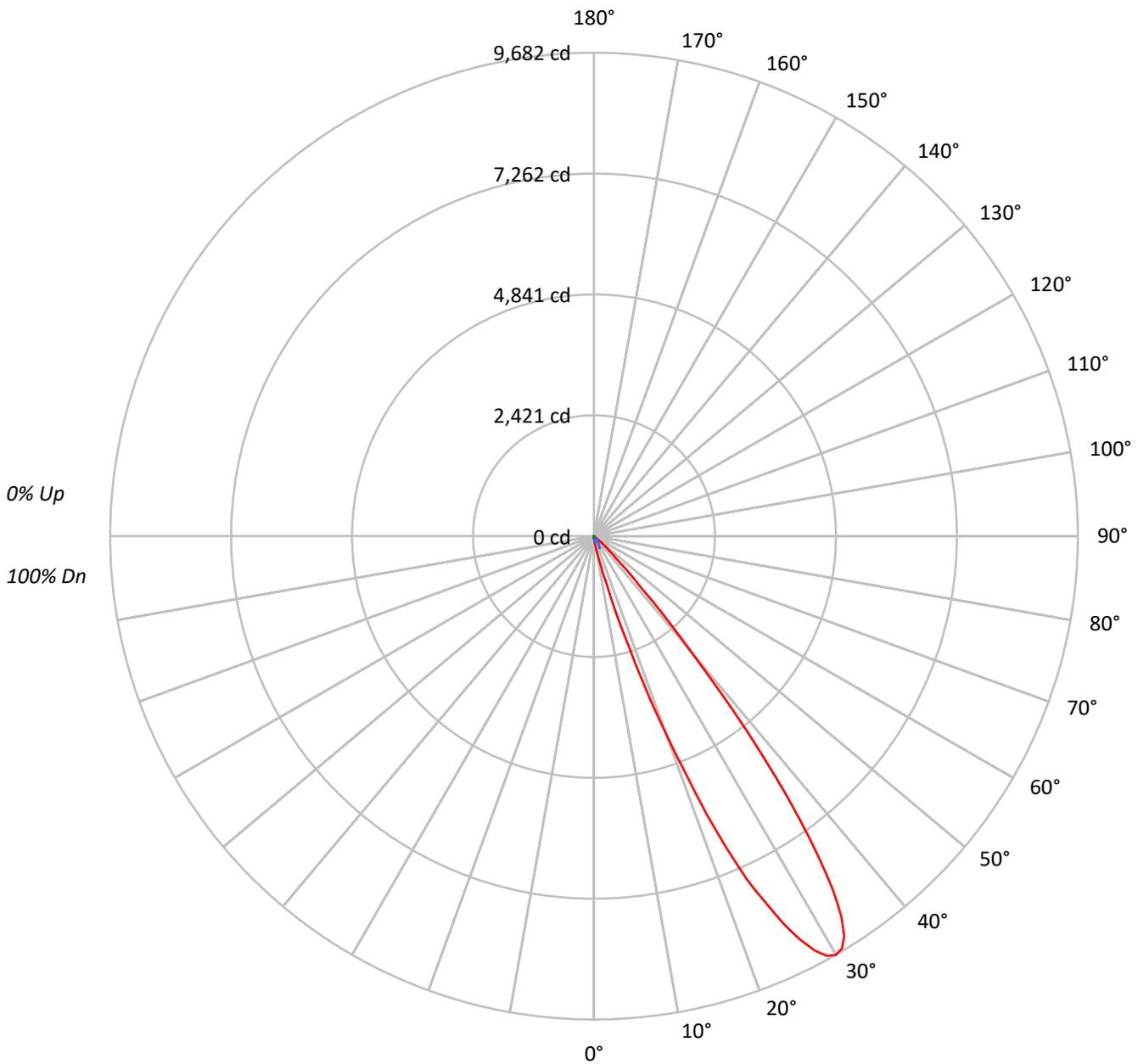
Test Method: LM-79-2019  
Report Number: P1323848  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-47)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R159030D2WDE010 3LSQCA30R 1MB  
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,  
3LSQCA30R 1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1024.0 lumens  
Efficiency: N/A  
Efficacy: 50.9 lumens/watt  
Spacing Criteria (0/90/45): 2.33 / 0.38 / 1.17  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 20.1  
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: P1323848  
CATALOG NUMBER: LDSQA3D13R159030D2WDE010 3LSQCA30R 1MB

### Luminous Intensity Polar Plot



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



TEST NUMBER: P1323848

CATALOG NUMBER: LDSQA3D13R159030D2WDE010 3LSQCA30R 1MB

**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  | 94  | 92  |
| 2   | 106 | 100 | 96  | 92  | 104 | 99  | 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  | 78  | 73  | 91  | 83  | 77  | 72  | 81  | 75  | 71  | 79  | 74  | 70  | 77  | 73  | 70  | 68  |
| 5   | 87  | 77  | 70  | 65  | 85  | 76  | 70  | 65  | 74  | 68  | 64  | 72  | 67  | 63  | 71  | 66  | 63  | 61  |
| 6   | 81  | 71  | 63  | 58  | 79  | 70  | 63  | 58  | 68  | 62  | 58  | 67  | 61  | 57  | 65  | 60  | 57  | 55  |
| 7   | 76  | 65  | 57  | 52  | 74  | 64  | 57  | 52  | 63  | 56  | 52  | 61  | 56  | 52  | 60  | 55  | 51  | 50  |
| 8   | 71  | 59  | 52  | 47  | 69  | 59  | 52  | 47  | 58  | 51  | 47  | 56  | 51  | 47  | 55  | 50  | 46  | 45  |
| 9   | 66  | 55  | 47  | 43  | 65  | 54  | 47  | 43  | 53  | 47  | 42  | 52  | 46  | 42  | 51  | 46  | 42  | 41  |
| 10  | 62  | 50  | 43  | 39  | 61  | 50  | 43  | 39  | 49  | 43  | 38  | 48  | 42  | 38  | 47  | 42  | 38  | 37  |

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

|     | 0°      | 45°   | 90°  | 135° | 180° |
|-----|---------|-------|------|------|------|
| 0°  | 6303    | 6303  | 6303 | 6303 | 6303 |
| 5°  | 18239   | 13779 | 5394 | 2230 | 1487 |
| 10° | 47462   | 20531 | 3585 | 0    | 0    |
| 15° | 189691  | 33591 | 1926 | 0    | 0    |
| 20° | 774999  | 49539 | 586  | 0    | 0    |
| 25° | 1531976 | 49103 | 0    | 0    | 0    |
| 30° | 1925516 | 38759 | 0    | 0    | 0    |
| 35° | 1642918 | 23779 | 0    | 0    | 0    |
| 40° | 676396  | 7509  | 0    | 0    | 0    |
| 45° | 146331  | 3142  | 0    | 0    | 0    |
| 50° | 18755   | 0     | 0    | 0    | 0    |
| 55° | 1621    | 0     | 330  | 0    | 0    |
| 60° | 0       | 0     | 758  | 0    | 0    |
| 65° | 0       | 0     | 897  | 0    | 0    |
| 70° | 0       | 554   | 1611 | 0    | 0    |
| 75° | 0       | 732   | 2129 | 0    | 0    |
| 80° | 0       | 1091  | 3174 | 0    | 0    |
| 85° | 0       | 2174  | 6323 | 0    | 0    |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 2°  
 Vertical Angle: 45°  
 Luminance: 153150 cd/sqm



TEST NUMBER: P1323848

CATALOG NUMBER: LDSQA3D13R159030D2WDE010 3LSQCA30R 1MB

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 4.9    | 0.5       |
| 10°-20°   | 71.8   | 7.0       |
| 20°-30°   | 418.3  | 40.8      |
| 30°-40°   | 448.5  | 43.8      |
| 40°-50°   | 75.7   | 7.4       |
| 50°-60°   | 2.3    | 0.2       |
| 60°-70°   | 0.7    | 0.1       |
| 70°-80°   | 1.0    | 0.1       |
| 80°-90°   | 0.9    | 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°    | 495.0  | 48.3      |
| 0°-40°    | 943.5  | 92.1      |
| 0°-60°    | 1021.4 | 99.7      |
| 0°-90°    | 1024.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1024.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 37   | 37  | 37  | 37   | 37   |      |
| 5°  | 106  | 80  | 31  | 13   | 9    | 14   |
| 15° | 1064 | 188 | 11  | 0    | 0    | 492  |
| 25° | 8062 | 258 | 0   | 0    | 0    | 3648 |
| 35° | 7814 | 113 | 0   | 0    | 0    | 4491 |
| 45° | 601  | 13  | 0   | 0    | 0    | 710  |
| 55° | 5    | 0   | 1   | 0    | 0    | 14   |
| 65° | 0    | 0   | 2   | 0    | 0    | 0    |
| 75° | 0    | 1   | 3   | 0    | 0    | 0    |
| 85° | 0    | 1   | 3   | 0    | 0    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |



TEST NUMBER: P1323848

CATALOG NUMBER: LDSQA3D13R159030D2WDE010 3LSQCA30R 1MB

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 2°     | 3°     | 4°     | 5°     | 6°     | 7°     | 8°     | 9°     | 10°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 36.6   | 36.6   | 36.6   | 36.6   | 36.6   | 36.6   | 36.6   | 36.6   | 36.6   | 36.6   | 36.6   |
| 2.5°  | 66.8   | 67.8   | 68.9   | 68.9   | 68.9   | 68.9   | 67.8   | 67.8   | 67.8   | 67.8   | 66.8   |
| 5°    | 105.5  | 105.5  | 105.5  | 105.5  | 105.5  | 105.5  | 104.4  | 104.4  | 104.4  | 104.4  | 104.4  |
| 7.5°  | 150.8  | 148.6  | 149.7  | 146.4  | 148.6  | 147.5  | 146.4  | 148.6  | 148.6  | 143.2  | 143.2  |
| 10°   | 271.4  | 270.3  | 259.5  | 261.7  | 263.8  | 262.7  | 262.7  | 256.3  | 255.2  | 250.9  | 246.6  |
| 12.5° | 523.3  | 535.2  | 543.8  | 543.8  | 523.3  | 530.9  | 516.9  | 520.1  | 522.2  | 515.8  | 493.2  |
| 15°   | 1063.9 | 1083.3 | 1062.8 | 1082.2 | 1074.6 | 1046.6 | 1015.4 | 973.4  | 989.6  | 960.5  | 950.8  |
| 17.5° | 2330.2 | 2374.3 | 2356.0 | 2266.6 | 2295.7 | 2226.8 | 2183.7 | 2167.6 | 2122.4 | 1987.8 | 1931.8 |
| 20°   | 4228.6 | 4282.4 | 4231.8 | 4127.3 | 4160.7 | 4030.4 | 3997.0 | 3965.8 | 3765.5 | 3692.3 | 3457.6 |
| 21°   | 5027.5 | 5071.7 | 5091.1 | 4982.3 | 4915.6 | 4812.2 | 4726.0 | 4698.0 | 4576.4 | 4435.3 | 4194.1 |
| 22°   | 5992.3 | 5940.7 | 5824.4 | 5839.4 | 5740.4 | 5655.3 | 5535.8 | 5422.7 | 5287.0 | 5090.0 | 4890.8 |
| 23°   | 6791.3 | 6731.0 | 6676.1 | 6609.3 | 6502.7 | 6442.4 | 6271.2 | 6147.4 | 5970.8 | 5759.8 | 5568.1 |
| 24°   | 7535.4 | 7442.8 | 7408.3 | 7289.9 | 7259.7 | 7124.1 | 6985.1 | 6823.6 | 6610.4 | 6385.4 | 6173.2 |
| 25°   | 8061.9 | 8075.9 | 8045.8 | 8031.8 | 7877.8 | 7738.9 | 7601.1 | 7352.3 | 7170.4 | 6971.1 | 6644.9 |
| 26°   | 8626.2 | 8632.6 | 8617.6 | 8514.2 | 8375.3 | 8239.6 | 8061.9 | 7845.5 | 7581.7 | 7360.9 | 7065.9 |
| 27°   | 9058.0 | 9032.1 | 9010.6 | 8887.8 | 8773.7 | 8602.5 | 8441.0 | 8184.7 | 7927.3 | 7664.6 | 7322.2 |
| 28°   | 9402.5 | 9354.1 | 9327.2 | 9221.6 | 9088.1 | 8878.1 | 8680.0 | 8441.0 | 8183.6 | 7901.5 | 7531.1 |
| 29°   | 9610.4 | 9558.7 | 9528.5 | 9412.2 | 9258.3 | 9074.1 | 8873.8 | 8611.1 | 8334.4 | 8019.9 | 7647.4 |
| 30°   | 9682.5 | 9652.4 | 9605.0 | 9484.4 | 9325.0 | 9133.3 | 8927.7 | 8642.3 | 8352.7 | 8030.7 | 7636.6 |
| 31°   | 9635.1 | 9596.4 | 9551.1 | 9420.8 | 9248.6 | 9065.5 | 8826.5 | 8527.1 | 8222.4 | 7915.5 | 7497.7 |
| 32°   | 9446.7 | 9423.0 | 9368.1 | 9193.6 | 9053.7 | 8816.8 | 8581.0 | 8301.0 | 7968.3 | 7638.8 | 7260.8 |
| 33°   | 9093.5 | 9054.7 | 9007.4 | 8848.0 | 8669.2 | 8442.0 | 8207.3 | 7920.9 | 7590.3 | 7242.5 | 6826.9 |
| 34°   | 8555.1 | 8505.6 | 8446.4 | 8339.7 | 8111.5 | 7914.4 | 7643.1 | 7308.2 | 7034.7 | 6700.9 | 6325.1 |
| 35°   | 7814.3 | 7742.1 | 7671.1 | 7590.3 | 7334.0 | 7152.0 | 6969.0 | 6677.2 | 6413.4 | 6098.9 | 5673.6 |
| 36°   | 6983.0 | 6955.0 | 6896.8 | 6683.6 | 6600.7 | 6353.1 | 6205.5 | 5870.7 | 5657.5 | 5349.5 | 4998.5 |
| 37°   | 6043.0 | 5878.2 | 5962.2 | 5842.7 | 5592.9 | 5515.3 | 5339.8 | 5052.3 | 4821.9 | 4496.7 | 4242.6 |
| 38°   | 5035.1 | 4927.4 | 4986.6 | 4866.0 | 4735.7 | 4557.0 | 4423.5 | 4213.5 | 3955.1 | 3699.9 | 3458.7 |
| 39°   | 3990.6 | 3903.4 | 3968.0 | 3886.1 | 3688.0 | 3613.7 | 3495.3 | 3334.8 | 3127.0 | 2927.8 | 2699.5 |
| 40°   | 3008.6 | 2896.6 | 2982.7 | 2866.4 | 2776.0 | 2654.3 | 2594.0 | 2446.5 | 2317.3 | 2197.7 | 2052.4 |
| 42.5° | 1374.0 | 1362.1 | 1342.8 | 1300.8 | 1291.1 | 1292.1 | 1217.9 | 1169.4 | 1103.7 | 1027.3 | 981.0  |
| 45°   | 600.8  | 615.9  | 628.8  | 605.2  | 604.1  | 591.2  | 586.9  | 554.5  | 541.6  | 516.9  | 486.7  |
| 47.5° | 296.1  | 301.5  | 298.3  | 304.7  | 299.3  | 290.7  | 288.6  | 284.3  | 271.4  | 270.3  | 256.3  |
| 50°   | 70.0   | 68.9   | 68.9   | 70.0   | 68.9   | 68.9   | 67.8   | 65.7   | 64.6   | 65.7   | 62.5   |
| 52.5° | 22.6   | 23.7   | 22.6   | 21.5   | 22.6   | 23.7   | 22.6   | 22.6   | 22.6   | 22.6   | 22.6   |
| 55°   | 5.4    | 5.4    | 5.4    | 5.4    | 5.4    | 5.4    | 4.3    | 4.3    | 5.4    | 5.4    | 5.4    |
| 57.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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    |



TEST NUMBER: P1323848

CATALOG NUMBER: LDSQA3D13R159030D2WDE010 3LSQCA30R 1MB

**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 |



TEST NUMBER: P1323848

CATALOG NUMBER: LDSQA3D13R159030D2WDE010 3LSQCA30R 1MB

**CANDELA DISTRIBUTION (continued):**

|       | 22.5°  | 45°   | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|--------|-------|-------|------|--------|------|--------|------|
| 0°    | 36.6   | 36.6  | 36.6  | 36.6 | 36.6   | 36.6 | 36.6   | 36.6 |
| 2.5°  | 65.7   | 56.0  | 46.3  | 36.6 | 26.9   | 21.5 | 20.5   | 19.4 |
| 5°    | 99.1   | 79.7  | 52.8  | 31.2 | 18.3   | 12.9 | 9.7    | 8.6  |
| 7.5°  | 133.5  | 99.1  | 58.1  | 25.8 | 12.9   | 5.4  | 2.2    | 1.1  |
| 10°   | 191.7  | 117.4 | 60.3  | 20.5 | 6.5    | 0.0  | 0.0    | 0.0  |
| 12.5° | 375.8  | 134.6 | 59.2  | 16.2 | 1.1    | 0.0  | 0.0    | 0.0  |
| 15°   | 624.5  | 188.4 | 54.9  | 10.8 | 0.0    | 0.0  | 0.0    | 0.0  |
| 17.5° | 1023.0 | 243.4 | 47.4  | 7.5  | 0.0    | 0.0  | 0.0    | 0.0  |
| 20°   | 1586.1 | 270.3 | 36.6  | 3.2  | 0.0    | 0.0  | 0.0    | 0.0  |
| 21°   | 1859.6 | 272.4 | 32.3  | 2.2  | 0.0    | 0.0  | 0.0    | 0.0  |
| 22°   | 2096.5 | 272.4 | 28.0  | 1.1  | 0.0    | 0.0  | 0.0    | 0.0  |
| 23°   | 2316.2 | 269.2 | 24.8  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 24°   | 2497.1 | 264.9 | 22.6  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 25°   | 2632.8 | 258.4 | 20.5  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 26°   | 2695.2 | 249.8 | 17.2  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 27°   | 2726.4 | 238.0 | 15.1  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 28°   | 2704.9 | 225.0 | 12.9  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 29°   | 2651.1 | 211.1 | 9.7   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 30°   | 2581.1 | 194.9 | 7.5   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 31°   | 2478.8 | 178.7 | 5.4   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 32°   | 2338.8 | 162.6 | 4.3   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 33°   | 2151.4 | 145.4 | 2.2   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 34°   | 1919.9 | 128.1 | 1.1   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 35°   | 1660.4 | 113.1 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 36°   | 1437.5 | 96.9  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 37°   | 1213.5 | 77.5  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 38°   | 1016.5 | 61.4  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 39°   | 841.0  | 49.5  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 40°   | 696.7  | 33.4  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 42.5° | 385.5  | 22.6  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 45°   | 233.7  | 12.9  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 47.5° | 135.7  | 4.3   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 50°   | 51.7   | 0.0   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 52.5° | 17.2   | 0.0   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 55°   | 4.3    | 0.0   | 0.0   | 1.1  | 0.0    | 0.0  | 0.0    | 0.0  |
| 57.5° | 0.0    | 0.0   | 0.0   | 1.1  | 0.0    | 0.0  | 0.0    | 0.0  |
| 60°   | 0.0    | 0.0   | 1.1   | 2.2  | 0.0    | 0.0  | 0.0    | 0.0  |
| 62.5° | 0.0    | 0.0   | 1.1   | 2.2  | 1.1    | 0.0  | 0.0    | 0.0  |
| 65°   | 0.0    | 0.0   | 2.2   | 2.2  | 1.1    | 0.0  | 0.0    | 0.0  |
| 67.5° | 0.0    | 0.0   | 2.2   | 3.2  | 1.1    | 0.0  | 0.0    | 0.0  |
| 70°   | 0.0    | 1.1   | 2.2   | 3.2  | 1.1    | 0.0  | 0.0    | 0.0  |
| 72.5° | 0.0    | 1.1   | 2.2   | 3.2  | 1.1    | 0.0  | 0.0    | 0.0  |
| 75°   | 0.0    | 1.1   | 2.2   | 3.2  | 1.1    | 0.0  | 0.0    | 0.0  |
| 77.5° | 0.0    | 1.1   | 2.2   | 3.2  | 1.1    | 0.0  | 0.0    | 0.0  |
| 80°   | 0.0    | 1.1   | 2.2   | 3.2  | 1.1    | 0.0  | 0.0    | 0.0  |



TEST NUMBER: P1323848

CATALOG NUMBER: LDSQA3D13R159030D2WDE010 3LSQCA30R 1MB

**CANDELA DISTRIBUTION (continued):**

|       | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|-------|-----|--------|------|--------|------|
| 82.5° | 0.0   | 1.1 | 2.2   | 3.2 | 1.1    | 0.0  | 0.0    | 0.0  |
| 85°   | 0.0   | 1.1 | 2.2   | 3.2 | 1.1    | 0.0  | 0.0    | 0.0  |
| 87.5° | 0.0   | 1.1 | 2.2   | 3.2 | 1.1    | 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)