

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: P1326006

Luminaire Tested: LDSQA3D09R20W2N902765DE010 3LSQCA30R 1MMS\_4000K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1326006  
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: LDSQA3D09R20W2N902765DE010 3LSQCA30R 1MMS\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R20 optic, 4000K CCT AND, 90CRI ,  
3LSQCA30R 1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

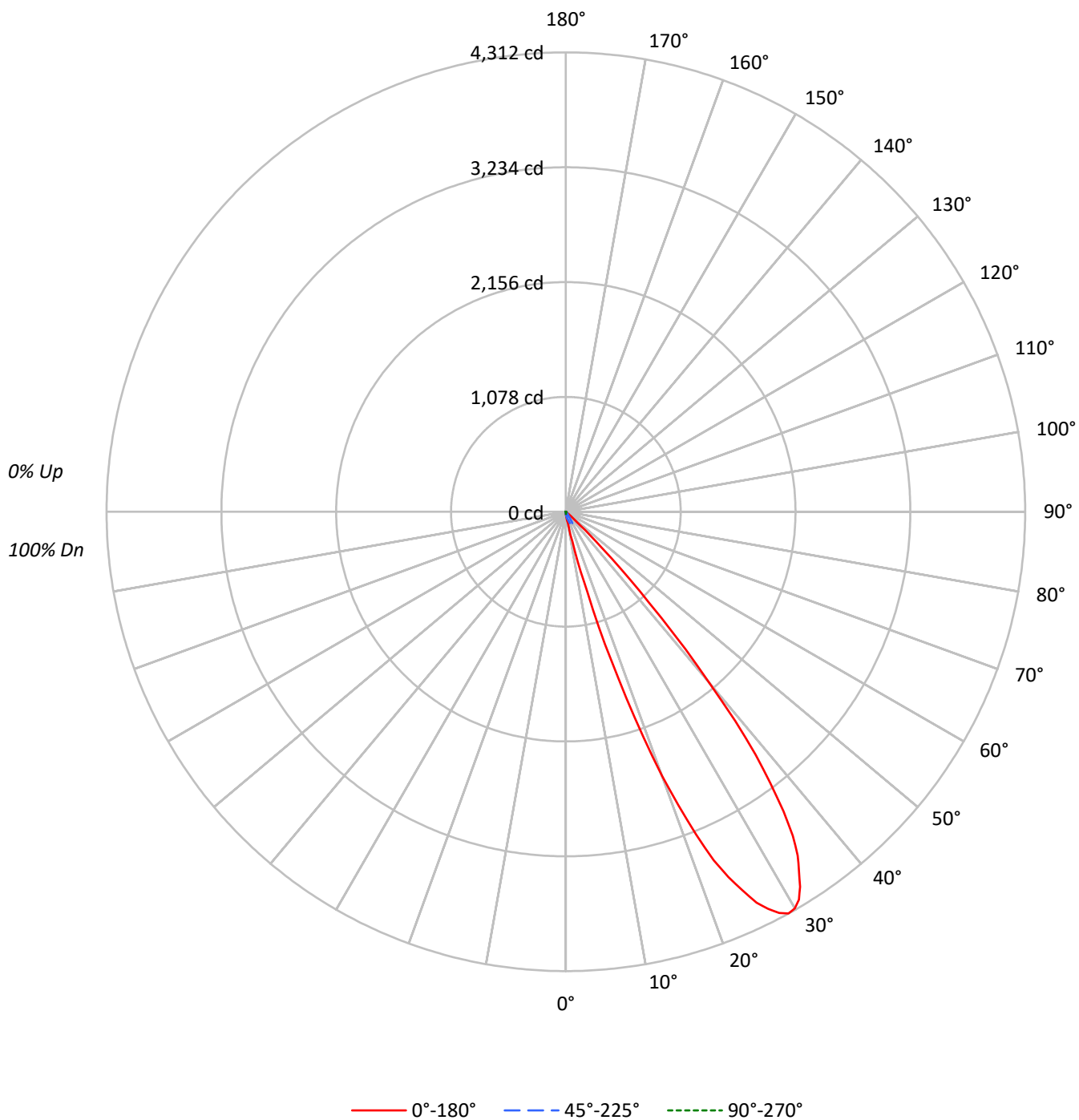
Lumens per Lamp: N/A  
Luminaire Lumens: 595.0 lumens  
Efficiency: N/A  
Efficacy: 66.1 lumens/watt  
Spacing Criteria (0/90/45): 2.28 / 0.42 / 1.12  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 9  
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: P1326006

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### Luminous Intensity Polar Plot



TEST NUMBER: P1326006

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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   | 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  | 49  |    |    |
| 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°  | 3668   | 3668  | 3668 | 3668 | 3668 |
| 5°  | 7987   | 5619  | 3371 | 1539 | 1124 |
| 10° | 19866  | 9933  | 2378 | 315  | 0    |
| 15° | 139803 | 13604 | 1373 | 0    | 0    |
| 20° | 483151 | 22891 | 550  | 0    | 0    |
| 25° | 744733 | 29245 | 228  | 0    | 0    |
| 30° | 854824 | 22591 | 0    | 0    | 0    |
| 35° | 780682 | 8578  | 0    | 0    | 0    |
| 40° | 468032 | 4002  | 0    | 0    | 0    |
| 45° | 115009 | 1875  | 0    | 0    | 0    |
| 50° | 12673  | 482   | 0    | 0    | 0    |
| 55° | 1772   | 0     | 180  | 0    | 0    |
| 60° | 0      | 0     | 413  | 0    | 0    |
| 65° | 0      | 0     | 489  | 0    | 0    |
| 70° | 0      | 302   | 906  | 0    | 0    |
| 75° | 0      | 399   | 1198 | 0    | 0    |
| 80° | 0      | 595   | 1785 | 0    | 0    |
| 85° | 0      | 1186  | 3557 | 0    | 0    |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 1°

Vertical Angle: 45°

Luminance: 122657 cd/sqm

TEST NUMBER: P1326006

CATALOG NUMBER: LDSQA3D09R20W2N902765DE010 3LSQCA30R 1MMS\_4000K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.4    | 0.4       |
| 10°-20°   | 46.5   | 7.8       |
| 20°-30°   | 235.1  | 39.5      |
| 30°-40°   | 254.3  | 42.7      |
| 40°-50°   | 53.7   | 9.0       |
| 50°-60°   | 1.6    | 0.3       |
| 60°-70°   | 0.4    | 0.1       |
| 70°-80°   | 0.6    | 0.1       |
| 80°-90°   | 0.5    | 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°    | 283.9  | 47.7      |
| 0°-40°    | 538.2  | 90.5      |
| 0°-60°    | 593.6  | 99.8      |
| 0°-90°    | 595.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 595.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 21   | 21  | 21  | 21   | 21   |      |
| 5°  | 46   | 32  | 20  | 9    | 6    | 6    |
| 15° | 784  | 76  | 8   | 0    | 0    | 327  |
| 25° | 3919 | 154 | 1   | 0    | 0    | 1771 |
| 35° | 3713 | 41  | 0   | 0    | 0    | 2190 |
| 45° | 472  | 8   | 0   | 0    | 0    | 519  |
| 55° | 6    | 0   | 1   | 0    | 0    | 10   |
| 65° | 0    | 0   | 1   | 0    | 0    | 0    |
| 75° | 0    | 1   | 2   | 0    | 0    | 0    |
| 85° | 0    | 1   | 2   | 0    | 0    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

TEST NUMBER: P1326006

CATALOG NUMBER: LDSQA3D09R20W2N902765DE010 3LSQCA30R 1MMS\_4000K

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 2°     | 3°     | 4°     | 5°     | 6°     | 7°     | 8°     | 9°     | 10°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 21.3   | 21.3   | 21.3   | 21.3   | 21.3   | 21.3   | 21.3   | 21.3   | 21.3   | 21.3   | 21.3   |
| 2.5°  | 29.0   | 28.4   | 29.0   | 28.4   | 29.0   | 29.0   | 29.0   | 28.4   | 28.4   | 28.4   | 28.4   |
| 5°    | 46.2   | 46.2   | 45.6   | 46.2   | 46.2   | 46.2   | 46.2   | 45.6   | 45.6   | 45.0   | 45.0   |
| 7.5°  | 72.8   | 72.8   | 72.2   | 72.2   | 72.8   | 73.4   | 71.0   | 72.2   | 72.2   | 72.2   | 71.6   |
| 10°   | 113.6  | 116.0  | 113.6  | 116.6  | 114.2  | 112.4  | 115.4  | 112.4  | 112.4  | 111.8  | 110.1  |
| 12.5° | 286.4  | 279.9  | 275.8  | 265.7  | 275.8  | 268.1  | 269.8  | 268.1  | 262.1  | 254.5  | 249.7  |
| 15°   | 784.1  | 784.1  | 761.0  | 791.8  | 769.3  | 777.6  | 735.0  | 735.5  | 713.6  | 690.0  | 677.0  |
| 17.5° | 1639.1 | 1653.9 | 1638.6 | 1629.1 | 1609.0 | 1580.0 | 1568.1 | 1538.0 | 1498.3 | 1452.2 | 1446.8 |
| 20°   | 2636.2 | 2574.1 | 2603.1 | 2576.5 | 2559.9 | 2524.4 | 2484.8 | 2459.9 | 2425.0 | 2366.4 | 2280.0 |
| 21°   | 2949.9 | 2947.5 | 2946.9 | 2946.3 | 2922.1 | 2864.1 | 2828.0 | 2778.3 | 2729.1 | 2668.8 | 2596.6 |
| 22°   | 3265.9 | 3277.1 | 3281.8 | 3247.5 | 3197.8 | 3171.8 | 3146.9 | 3078.9 | 3001.3 | 2970.0 | 2884.2 |
| 23°   | 3555.8 | 3545.2 | 3514.4 | 3498.4 | 3460.0 | 3452.3 | 3378.3 | 3335.1 | 3259.4 | 3225.0 | 3123.2 |
| 24°   | 3753.5 | 3748.1 | 3733.9 | 3710.3 | 3679.5 | 3632.2 | 3587.8 | 3519.7 | 3457.6 | 3401.4 | 3306.7 |
| 25°   | 3919.1 | 3923.9 | 3897.8 | 3881.9 | 3848.7 | 3795.5 | 3741.0 | 3666.5 | 3608.5 | 3542.8 | 3433.3 |
| 26°   | 4083.1 | 4049.9 | 4029.2 | 4005.5 | 3969.4 | 3908.5 | 3855.8 | 3789.0 | 3718.5 | 3645.2 | 3538.1 |
| 27°   | 4184.3 | 4154.7 | 4123.3 | 4100.2 | 4058.8 | 4000.8 | 3944.6 | 3870.6 | 3791.9 | 3718.0 | 3607.9 |
| 28°   | 4264.1 | 4231.6 | 4200.8 | 4173.0 | 4125.7 | 4063.5 | 3996.1 | 3920.9 | 3839.3 | 3762.9 | 3650.5 |
| 29°   | 4311.5 | 4273.0 | 4239.9 | 4208.5 | 4165.3 | 4097.9 | 4029.8 | 3949.3 | 3870.6 | 3790.7 | 3675.9 |
| 30°   | 4298.5 | 4265.3 | 4233.4 | 4201.4 | 4157.6 | 4094.3 | 4026.8 | 3949.9 | 3870.6 | 3791.9 | 3675.3 |
| 31°   | 4247.6 | 4206.7 | 4183.7 | 4151.7 | 4113.8 | 4049.3 | 3991.3 | 3907.3 | 3835.7 | 3750.5 | 3633.9 |
| 32°   | 4149.9 | 4123.9 | 4093.1 | 4068.3 | 4031.6 | 3962.9 | 3906.1 | 3837.5 | 3752.9 | 3683.0 | 3560.6 |
| 33°   | 4017.4 | 3993.1 | 3977.7 | 3948.7 | 3913.2 | 3865.9 | 3797.8 | 3735.1 | 3639.8 | 3568.2 | 3445.8 |
| 34°   | 3890.7 | 3860.0 | 3821.5 | 3813.2 | 3782.5 | 3721.5 | 3660.0 | 3596.1 | 3510.8 | 3419.7 | 3296.0 |
| 35°   | 3713.2 | 3681.3 | 3645.8 | 3648.7 | 3612.0 | 3541.0 | 3478.3 | 3406.7 | 3325.6 | 3218.5 | 3101.4 |
| 36°   | 3475.9 | 3454.6 | 3449.3 | 3435.1 | 3393.1 | 3308.5 | 3248.7 | 3158.8 | 3090.7 | 2959.9 | 2859.3 |
| 37°   | 3186.6 | 3194.3 | 3155.8 | 3137.5 | 3088.3 | 3029.2 | 2995.4 | 2880.0 | 2800.7 | 2702.5 | 2566.4 |
| 38°   | 2894.2 | 2883.0 | 2837.4 | 2848.7 | 2781.2 | 2719.7 | 2624.4 | 2555.8 | 2467.0 | 2375.9 | 2267.0 |
| 39°   | 2529.1 | 2501.3 | 2446.9 | 2449.2 | 2398.4 | 2329.1 | 2236.8 | 2155.7 | 2102.5 | 2014.9 | 1910.8 |
| 40°   | 2081.8 | 2069.9 | 2051.0 | 2019.6 | 1952.8 | 1922.6 | 1840.3 | 1752.8 | 1707.8 | 1586.5 | 1535.6 |
| 42.5° | 1155.1 | 1139.1 | 1107.2 | 1095.9 | 1060.4 | 1024.9 | 977.0  | 918.4  | 890.0  | 853.9  | 773.4  |
| 45°   | 472.2  | 503.6  | 495.9  | 487.0  | 459.8  | 461.6  | 427.2  | 431.4  | 400.0  | 378.7  | 363.9  |
| 47.5° | 104.1  | 113.0  | 113.6  | 109.5  | 113.6  | 110.1  | 108.3  | 105.3  | 105.9  | 107.7  | 103.6  |
| 50°   | 47.3   | 46.7   | 47.9   | 47.3   | 46.7   | 46.2   | 45.6   | 43.8   | 45.0   | 43.8   | 42.6   |
| 52.5° | 18.3   | 18.9   | 18.9   | 17.8   | 18.3   | 18.3   | 18.3   | 17.8   | 17.8   | 17.8   | 17.8   |
| 55°   | 5.9    | 5.9    | 5.9    | 5.3    | 5.3    | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    | 5.3    |
| 57.5° | 0.6    | 1.2    | 0.6    | 1.2    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 1.2    | 1.2    |
| 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°    | 21.3   | 21.3  | 21.3  | 21.3 | 21.3   | 21.3 | 21.3   | 21.3 |
| 2.5°  | 27.2   | 24.9  | 23.1  | 21.3 | 17.8   | 14.8 | 13.6   | 13.6 |
| 5°    | 42.0   | 32.5  | 24.3  | 19.5 | 13.6   | 8.9  | 7.1    | 6.5  |
| 7.5°  | 63.3   | 43.8  | 25.4  | 16.6 | 8.9    | 4.7  | 3.0    | 2.4  |
| 10°   | 91.7   | 56.8  | 26.6  | 13.6 | 5.3    | 1.8  | 0.0    | 0.0  |
| 12.5° | 160.4  | 68.1  | 26.6  | 10.7 | 2.4    | 0.0  | 0.0    | 0.0  |
| 15°   | 367.5  | 76.3  | 25.4  | 7.7  | 0.6    | 0.0  | 0.0    | 0.0  |
| 17.5° | 763.4  | 95.9  | 22.5  | 5.3  | 0.0    | 0.0  | 0.0    | 0.0  |
| 20°   | 1219.0 | 124.9 | 17.8  | 3.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 21°   | 1406.6 | 134.9 | 16.0  | 2.4  | 0.0    | 0.0  | 0.0    | 0.0  |
| 22°   | 1541.5 | 144.4 | 14.2  | 1.8  | 0.0    | 0.0  | 0.0    | 0.0  |
| 23°   | 1690.0 | 150.3 | 12.4  | 1.2  | 0.0    | 0.0  | 0.0    | 0.0  |
| 24°   | 1799.5 | 153.9 | 10.7  | 1.2  | 0.0    | 0.0  | 0.0    | 0.0  |
| 25°   | 1867.6 | 153.9 | 9.5   | 1.2  | 0.0    | 0.0  | 0.0    | 0.0  |
| 26°   | 1907.8 | 150.3 | 8.3   | 0.6  | 0.0    | 0.0  | 0.0    | 0.0  |
| 27°   | 1917.3 | 144.4 | 7.1   | 0.6  | 0.0    | 0.0  | 0.0    | 0.0  |
| 28°   | 1905.4 | 136.7 | 5.9   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 29°   | 1868.1 | 125.5 | 5.3   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 30°   | 1827.9 | 113.6 | 4.1   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 31°   | 1759.3 | 97.6  | 3.6   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 32°   | 1680.0 | 81.1  | 3.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 33°   | 1574.1 | 63.9  | 2.4   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 34°   | 1417.8 | 50.3  | 2.4   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 35°   | 1277.6 | 40.8  | 1.8   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 36°   | 1094.1 | 32.5  | 1.8   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 37°   | 937.3  | 27.2  | 1.8   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 38°   | 784.7  | 23.1  | 1.2   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 39°   | 636.7  | 20.1  | 1.2   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 40°   | 507.7  | 17.8  | 1.2   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 42.5° | 274.0  | 11.8  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 45°   | 151.5  | 7.7   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 47.5° | 66.9   | 4.1   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 50°   | 22.5   | 1.8   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 52.5° | 11.2   | 0.0   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 55°   | 5.3    | 0.0   | 0.0   | 0.6  | 0.0    | 0.0  | 0.0    | 0.0  |
| 57.5° | 1.2    | 0.0   | 0.0   | 0.6  | 0.0    | 0.0  | 0.0    | 0.0  |
| 60°   | 0.0    | 0.0   | 0.6   | 1.2  | 0.0    | 0.0  | 0.0    | 0.0  |
| 62.5° | 0.0    | 0.0   | 0.6   | 1.2  | 0.6    | 0.0  | 0.0    | 0.0  |
| 65°   | 0.0    | 0.0   | 1.2   | 1.2  | 0.6    | 0.0  | 0.0    | 0.0  |
| 67.5° | 0.0    | 0.6   | 1.2   | 1.8  | 0.6    | 0.0  | 0.0    | 0.0  |
| 70°   | 0.0    | 0.6   | 1.2   | 1.8  | 0.6    | 0.0  | 0.0    | 0.0  |
| 72.5° | 0.0    | 0.6   | 1.2   | 1.8  | 0.6    | 0.0  | 0.0    | 0.0  |
| 75°   | 0.0    | 0.6   | 1.2   | 1.8  | 0.6    | 0.0  | 0.0    | 0.0  |
| 77.5° | 0.0    | 0.6   | 1.2   | 1.8  | 0.6    | 0.0  | 0.0    | 0.0  |
| 80°   | 0.0    | 0.6   | 1.2   | 1.8  | 0.6    | 0.0  | 0.0    | 0.0  |





TEST NUMBER: P1326006

CATALOG NUMBER: LDSQA3D09R20W2N902765DE010 3LSQCA30R 1MMS\_4000K

**CANDELA DISTRIBUTION (continued):**

|       | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|-------|-----|--------|------|--------|------|
| 82.5° | 0.0   | 0.6 | 1.2   | 1.8 | 0.6    | 0.0  | 0.0    | 0.0  |
| 85°   | 0.0   | 0.6 | 1.2   | 1.8 | 0.6    | 0.0  | 0.0    | 0.0  |
| 87.5° | 0.0   | 0.6 | 1.2   | 1.8 | 0.6    | 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)