

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: P1325835

Luminaire Tested: LDSQA3D09R15W2N902765DE010 3LSQCA30R 1MMS\_4000K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1325835  
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: LDSQA3D09R15W2N902765DE010 3LSQCA30R 1MMS\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 90CRI ,  
3LSQCA30R 1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

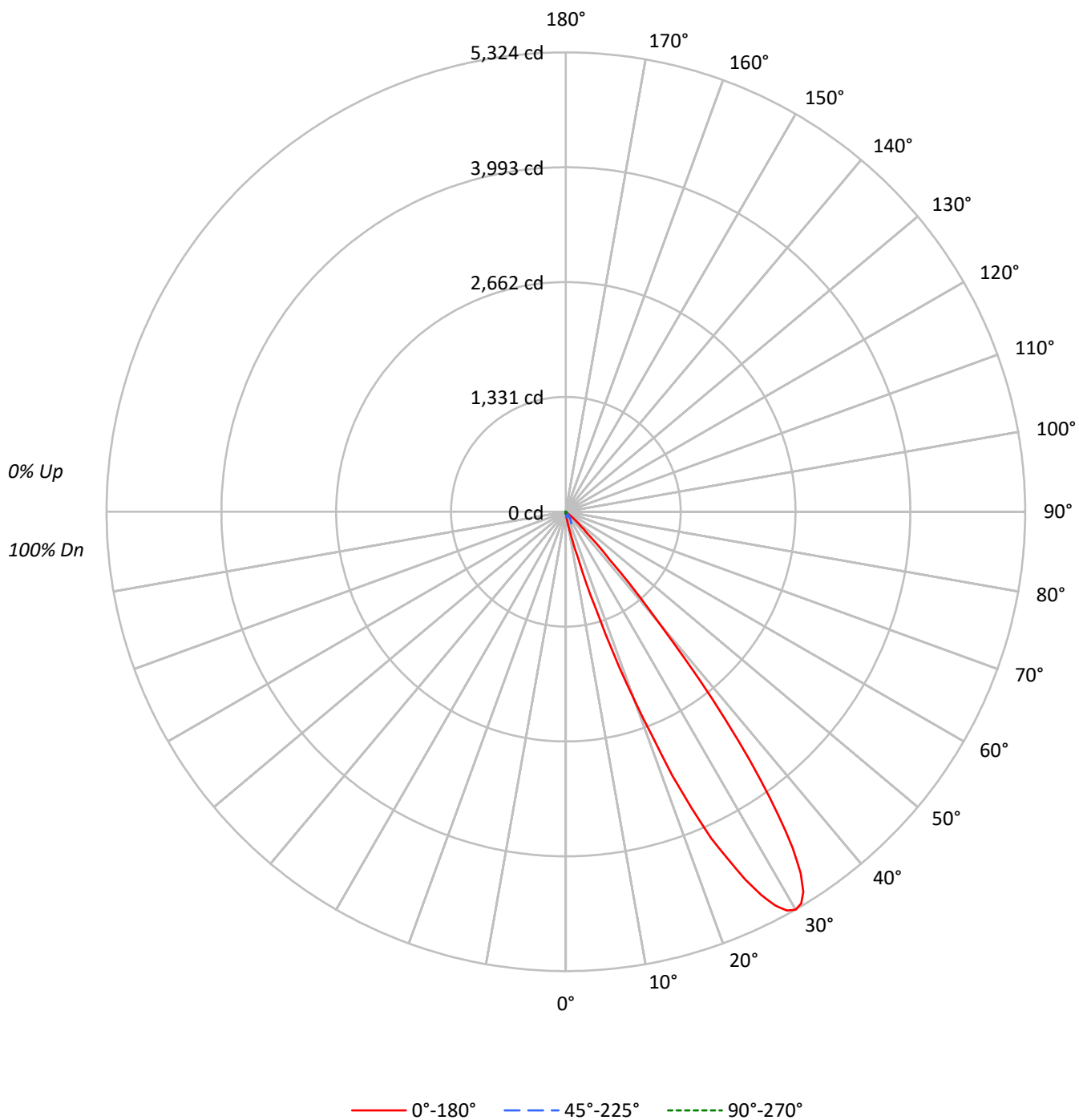
Lumens per Lamp: N/A  
Luminaire Lumens: 563.0 lumens  
Efficiency: N/A  
Efficacy: 62.6 lumens/watt  
Spacing Criteria (0/90/45): 2.33 / 0.38 / 1.17  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 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: P1325835

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### Luminous Intensity Polar Plot



TEST NUMBER: P1325835

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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  | 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°  | 3462    | 3462  | 3462 | 3462 | 3462 |
| 5°  | 10027   | 7572  | 2974 | 1227 | 813  |
| 10° | 26092   | 11280 | 1959 | 0    | 0    |
| 15° | 104286  | 18472 | 1052 | 0    | 0    |
| 20° | 426097  | 27235 | 330  | 0    | 0    |
| 25° | 842293  | 27003 | 0    | 0    | 0    |
| 30° | 1058661 | 21318 | 0    | 0    | 0    |
| 35° | 903276  | 13077 | 0    | 0    | 0    |
| 40° | 371876  | 4137  | 0    | 0    | 0    |
| 45° | 80448   | 1729  | 0    | 0    | 0    |
| 50° | 10315   | 0     | 0    | 0    | 0    |
| 55° | 901     | 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: 2°

Vertical Angle: 45°

Luminance: 84199 cd/sqm

TEST NUMBER: P1325835

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.7    | 0.5       |
| 10°-20°   | 39.5   | 7.0       |
| 20°-30°   | 230.0  | 40.8      |
| 30°-40°   | 246.6  | 43.8      |
| 40°-50°   | 41.6   | 7.4       |
| 50°-60°   | 1.3    | 0.2       |
| 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°    | 272.1  | 48.3      |
| 0°-40°    | 518.7  | 92.1      |
| 0°-60°    | 561.6  | 99.7      |
| 0°-90°    | 563.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 563.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 20   | 20  | 20  | 20   | 20   |      |
| 5°  | 58   | 44  | 17  | 7    | 5    | 8    |
| 15° | 585  | 104 | 6   | 0    | 0    | 271  |
| 25° | 4432 | 142 | 0   | 0    | 0    | 2005 |
| 35° | 4296 | 62  | 0   | 0    | 0    | 2469 |
| 45° | 330  | 7   | 0   | 0    | 0    | 390  |
| 55° | 3    | 0   | 1   | 0    | 0    | 7    |
| 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: P1325835

CATALOG NUMBER: LDSQA3D09R15W2N902765DE010 3LSQCA30R 1MMS\_4000K

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 2°     | 3°     | 4°     | 5°     | 6°     | 7°     | 8°     | 9°     | 10°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 20.1   | 20.1   | 20.1   | 20.1   | 20.1   | 20.1   | 20.1   | 20.1   | 20.1   | 20.1   | 20.1   |
| 2.5°  | 36.7   | 37.3   | 37.9   | 37.9   | 37.9   | 37.9   | 37.3   | 37.3   | 37.3   | 37.3   | 36.7   |
| 5°    | 58.0   | 58.0   | 58.0   | 58.0   | 58.0   | 58.0   | 57.4   | 57.4   | 57.4   | 57.4   | 57.4   |
| 7.5°  | 82.9   | 81.7   | 82.3   | 80.5   | 81.7   | 81.1   | 80.5   | 81.7   | 81.7   | 78.7   | 78.7   |
| 10°   | 149.2  | 148.6  | 142.7  | 143.9  | 145.0  | 144.5  | 144.5  | 140.9  | 140.3  | 137.9  | 135.6  |
| 12.5° | 287.7  | 294.2  | 299.0  | 299.0  | 287.7  | 291.9  | 284.2  | 285.9  | 287.1  | 283.6  | 271.1  |
| 15°   | 584.9  | 595.6  | 584.3  | 595.0  | 590.8  | 575.4  | 558.3  | 535.2  | 544.1  | 528.1  | 522.8  |
| 17.5° | 1281.1 | 1305.4 | 1295.4 | 1246.2 | 1262.2 | 1224.3 | 1200.6 | 1191.7 | 1166.9 | 1092.9 | 1062.1 |
| 20°   | 2324.9 | 2354.5 | 2326.7 | 2269.2 | 2287.6 | 2215.9 | 2197.6 | 2180.4 | 2070.3 | 2030.1 | 1901.0 |
| 21°   | 2764.2 | 2788.4 | 2799.1 | 2739.3 | 2702.6 | 2645.8 | 2598.4 | 2583.0 | 2516.1 | 2438.6 | 2305.9 |
| 22°   | 3294.6 | 3266.2 | 3202.3 | 3210.6 | 3156.1 | 3109.3 | 3043.6 | 2981.4 | 2906.8 | 2798.5 | 2689.0 |
| 23°   | 3733.9 | 3700.7 | 3670.6 | 3633.8 | 3575.2 | 3542.1 | 3448.0 | 3379.9 | 3282.8 | 3166.7 | 3061.4 |
| 24°   | 4143.0 | 4092.1 | 4073.1 | 4008.0 | 3991.4 | 3916.8 | 3840.5 | 3751.7 | 3634.4 | 3510.7 | 3394.1 |
| 25°   | 4432.5 | 4440.2 | 4423.6 | 4415.9 | 4331.3 | 4254.9 | 4179.1 | 4042.3 | 3942.3 | 3832.8 | 3653.4 |
| 26°   | 4742.7 | 4746.3 | 4738.0 | 4681.1 | 4604.8 | 4530.2 | 4432.5 | 4313.5 | 4168.4 | 4047.1 | 3884.9 |
| 27°   | 4980.1 | 4965.9 | 4954.1 | 4886.6 | 4823.8 | 4729.7 | 4640.9 | 4500.0 | 4358.5 | 4214.0 | 4025.8 |
| 28°   | 5169.6 | 5142.9 | 5128.1 | 5070.1 | 4996.7 | 4881.2 | 4772.3 | 4640.9 | 4499.4 | 4344.3 | 4140.6 |
| 29°   | 5283.8 | 5255.4 | 5238.8 | 5174.9 | 5090.2 | 4989.0 | 4878.9 | 4734.4 | 4582.3 | 4409.4 | 4204.6 |
| 30°   | 5323.5 | 5306.9 | 5280.9 | 5214.6 | 5126.9 | 5021.6 | 4908.5 | 4751.6 | 4592.3 | 4415.3 | 4198.6 |
| 31°   | 5297.4 | 5276.1 | 5251.3 | 5179.6 | 5084.9 | 4984.3 | 4852.8 | 4688.2 | 4520.7 | 4352.0 | 4122.3 |
| 32°   | 5193.8 | 5180.8 | 5150.6 | 5054.7 | 4977.7 | 4847.5 | 4717.8 | 4563.9 | 4381.0 | 4199.8 | 3992.0 |
| 33°   | 4999.7 | 4978.3 | 4952.3 | 4864.7 | 4766.4 | 4641.5 | 4512.4 | 4354.9 | 4173.2 | 3982.0 | 3753.4 |
| 34°   | 4703.6 | 4676.4 | 4643.8 | 4585.2 | 4459.7 | 4351.4 | 4202.2 | 4018.1 | 3867.7 | 3684.2 | 3477.6 |
| 35°   | 4296.3 | 4256.7 | 4217.6 | 4173.2 | 4032.3 | 3932.2 | 3831.6 | 3671.1 | 3526.1 | 3353.2 | 3119.4 |
| 36°   | 3839.3 | 3823.9 | 3791.9 | 3674.7 | 3629.1 | 3492.9 | 3411.8 | 3227.7 | 3110.5 | 2941.2 | 2748.2 |
| 37°   | 3322.4 | 3231.9 | 3278.0 | 3212.3 | 3075.0 | 3032.4 | 2935.9 | 2777.8 | 2651.1 | 2472.3 | 2332.6 |
| 38°   | 2768.3 | 2709.1 | 2741.7 | 2675.4 | 2603.7 | 2505.4 | 2432.0 | 2316.6 | 2174.5 | 2034.2 | 1901.6 |
| 39°   | 2194.0 | 2146.1 | 2181.6 | 2136.6 | 2027.7 | 1986.8 | 1921.7 | 1833.5 | 1719.2 | 1609.7 | 1484.2 |
| 40°   | 1654.1 | 1592.5 | 1639.9 | 1576.0 | 1526.2 | 1459.3 | 1426.2 | 1345.1 | 1274.0 | 1208.3 | 1128.4 |
| 42.5° | 755.4  | 748.9  | 738.3  | 715.2  | 709.8  | 710.4  | 669.6  | 642.9  | 606.8  | 564.8  | 539.3  |
| 45°   | 330.3  | 338.6  | 345.7  | 332.7  | 332.1  | 325.0  | 322.7  | 304.9  | 297.8  | 284.2  | 267.6  |
| 47.5° | 162.8  | 165.8  | 164.0  | 167.5  | 164.6  | 159.8  | 158.7  | 156.3  | 149.2  | 148.6  | 140.9  |
| 50°   | 38.5   | 37.9   | 37.9   | 38.5   | 37.9   | 37.9   | 37.3   | 36.1   | 35.5   | 36.1   | 34.3   |
| 52.5° | 12.4   | 13.0   | 12.4   | 11.8   | 12.4   | 13.0   | 12.4   | 12.4   | 12.4   | 12.4   | 12.4   |
| 55°   | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 2.4    | 2.4    | 3.0    | 3.0    | 3.0    |
| 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    |



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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°    | 20.1   | 20.1  | 20.1  | 20.1 | 20.1   | 20.1 | 20.1   | 20.1 |
| 2.5°  | 36.1   | 30.8  | 25.5  | 20.1 | 14.8   | 11.8 | 11.2   | 10.7 |
| 5°    | 54.5   | 43.8  | 29.0  | 17.2 | 10.1   | 7.1  | 5.3    | 4.7  |
| 7.5°  | 73.4   | 54.5  | 32.0  | 14.2 | 7.1    | 3.0  | 1.2    | 0.6  |
| 10°   | 105.4  | 64.5  | 33.2  | 11.2 | 3.6    | 0.0  | 0.0    | 0.0  |
| 12.5° | 206.6  | 74.0  | 32.6  | 8.9  | 0.6    | 0.0  | 0.0    | 0.0  |
| 15°   | 343.4  | 103.6 | 30.2  | 5.9  | 0.0    | 0.0  | 0.0    | 0.0  |
| 17.5° | 562.4  | 133.8 | 26.0  | 4.1  | 0.0    | 0.0  | 0.0    | 0.0  |
| 20°   | 872.1  | 148.6 | 20.1  | 1.8  | 0.0    | 0.0  | 0.0    | 0.0  |
| 21°   | 1022.4 | 149.8 | 17.8  | 1.2  | 0.0    | 0.0  | 0.0    | 0.0  |
| 22°   | 1152.7 | 149.8 | 15.4  | 0.6  | 0.0    | 0.0  | 0.0    | 0.0  |
| 23°   | 1273.4 | 148.0 | 13.6  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 24°   | 1372.9 | 145.6 | 12.4  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 25°   | 1447.5 | 142.1 | 11.2  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 26°   | 1481.8 | 137.3 | 9.5   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 27°   | 1499.0 | 130.8 | 8.3   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 28°   | 1487.2 | 123.7 | 7.1   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 29°   | 1457.6 | 116.0 | 5.3   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 30°   | 1419.1 | 107.2 | 4.1   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 31°   | 1362.8 | 98.3  | 3.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 32°   | 1285.9 | 89.4  | 2.4   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 33°   | 1182.9 | 79.9  | 1.2   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 34°   | 1055.6 | 70.5  | 0.6   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 35°   | 912.9  | 62.2  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 36°   | 790.4  | 53.3  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 37°   | 667.2  | 42.6  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 38°   | 558.9  | 33.7  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 39°   | 462.4  | 27.2  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 40°   | 383.0  | 18.4  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 42.5° | 211.9  | 12.4  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 45°   | 128.5  | 7.1   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 47.5° | 74.6   | 2.4   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 50°   | 28.4   | 0.0   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 52.5° | 9.5    | 0.0   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 55°   | 2.4    | 0.0   | 0.0   | 0.6  | 0.0    | 0.0  | 0.0    | 0.0  |
| 57.5° | 0.0    | 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    | 0.0   | 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: P1325835

CATALOG NUMBER: LDSQA3D09R15W2N902765DE010 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)