

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: P1325750

Luminaire Tested: LDSQA3D09R15W2N902750DE010 3LSQCA30R 1MB\_5000K

Issue Date: 1/29/2026

**Test Information**

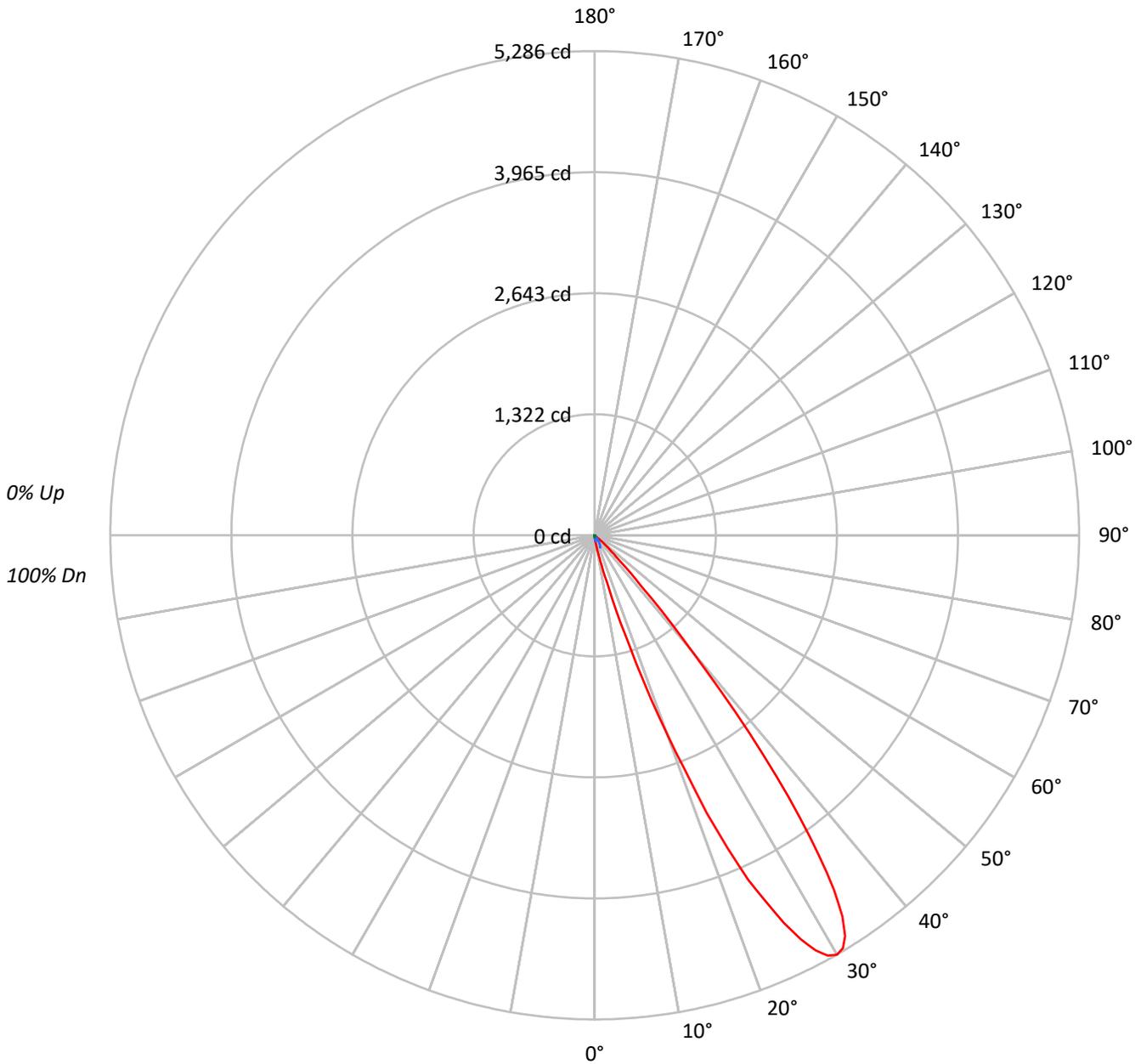
Test Method: LM-79-2019  
Report Number: P1325750  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-47)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R15W2N902750DE010 3LSQCA30R 1MB\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,  
3LSQCA30R 1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 559.0 lumens  
Efficiency: N/A  
Efficacy: 62.1 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

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### 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  | 50  | 30  | 10  | 0   |   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 102 | 102 | 100 |   |
| 1   | 113 | 109 | 107 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99  | 99  | 98  | 96  | 96  | 95  | 94  | 96  | 95  | 94  | 92  |   |
| 2   | 106 | 100 | 96  | 92  | 104 | 99  | 94  | 91  | 95  | 92  | 89  | 92  | 89  | 87  | 89  | 87  | 85  | 89  | 87  | 85  | 83  |   |
| 3   | 99  | 92  | 86  | 81  | 97  | 90  | 85  | 81  | 88  | 83  | 79  | 85  | 81  | 78  | 83  | 80  | 77  | 83  | 80  | 77  | 75  |   |
| 4   | 93  | 84  | 78  | 73  | 91  | 83  | 77  | 72  | 81  | 75  | 71  | 79  | 74  | 70  | 77  | 73  | 70  | 77  | 73  | 70  | 68  |   |
| 5   | 87  | 77  | 70  | 65  | 85  | 76  | 70  | 65  | 74  | 68  | 64  | 72  | 67  | 63  | 71  | 66  | 63  | 71  | 66  | 63  | 61  |   |
| 6   | 81  | 71  | 63  | 58  | 79  | 70  | 63  | 58  | 68  | 62  | 58  | 67  | 61  | 57  | 65  | 60  | 57  | 65  | 60  | 57  | 55  |   |
| 7   | 76  | 65  | 57  | 52  | 74  | 64  | 57  | 52  | 63  | 56  | 52  | 61  | 56  | 52  | 60  | 55  | 51  | 60  | 55  | 51  | 50  |   |
| 8   | 71  | 59  | 52  | 47  | 69  | 59  | 52  | 47  | 58  | 51  | 47  | 56  | 51  | 47  | 55  | 50  | 46  | 55  | 50  | 46  | 45  |   |
| 9   | 66  | 55  | 47  | 43  | 65  | 54  | 47  | 43  | 53  | 47  | 42  | 52  | 46  | 42  | 51  | 46  | 42  | 51  | 46  | 42  | 41  |   |
| 10  | 62  | 50  | 43  | 39  | 61  | 50  | 43  | 39  | 49  | 43  | 38  | 48  | 42  | 38  | 47  | 42  | 38  | 47  | 42  | 38  | 37  |   |

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

|     | 0°      | 45°   | 90°  | 135° | 180° |
|-----|---------|-------|------|------|------|
| 0°  | 3444    | 3444  | 3444 | 3444 | 3444 |
| 5°  | 9958    | 7520  | 2939 | 1227 | 813  |
| 10° | 25900   | 11210 | 1959 | 0    | 0    |
| 15° | 103555  | 18347 | 1052 | 0    | 0    |
| 20° | 423073  | 27033 | 330  | 0    | 0    |
| 25° | 836307  | 26813 | 0    | 0    | 0    |
| 30° | 1051144 | 21159 | 0    | 0    | 0    |
| 35° | 896863  | 12972 | 0    | 0    | 0    |
| 40° | 369246  | 4092  | 0    | 0    | 0    |
| 45° | 79888   | 1729  | 0    | 0    | 0    |
| 50° | 10235   | 0     | 0    | 0    | 0    |
| 55° | 871     | 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: 83614 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.7    | 0.5       |
| 10°-20°   | 39.2   | 7.0       |
| 20°-30°   | 228.3  | 40.8      |
| 30°-40°   | 244.8  | 43.8      |
| 40°-50°   | 41.3   | 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°    | 270.2  | 48.3      |
| 0°-40°    | 515.0  | 92.1      |
| 0°-60°    | 557.6  | 99.7      |
| 0°-90°    | 559.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 559.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 20   | 20  | 20  | 20   | 20   |      |
| 5°  | 58   | 44  | 17  | 7    | 5    | 8    |
| 15° | 581  | 103 | 6   | 0    | 0    | 269  |
| 25° | 4401 | 141 | 0   | 0    | 0    | 1991 |
| 35° | 4266 | 62  | 0   | 0    | 0    | 2452 |
| 45° | 328  | 7   | 0   | 0    | 0    | 387  |
| 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    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 2°     | 3°     | 4°     | 5°     | 6°     | 7°     | 8°     | 9°     | 10°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   |
| 2.5°  | 36.4   | 37.0   | 37.6   | 37.6   | 37.6   | 37.6   | 37.0   | 37.0   | 37.0   | 37.0   | 36.4   |
| 5°    | 57.6   | 57.6   | 57.6   | 57.6   | 57.6   | 57.6   | 57.0   | 57.0   | 57.0   | 57.0   | 57.0   |
| 7.5°  | 82.3   | 81.1   | 81.7   | 79.9   | 81.1   | 80.5   | 79.9   | 81.1   | 81.1   | 78.2   | 78.2   |
| 10°   | 148.1  | 147.5  | 141.7  | 142.8  | 144.0  | 143.4  | 143.4  | 139.9  | 139.3  | 137.0  | 134.6  |
| 12.5° | 285.7  | 292.1  | 296.8  | 296.8  | 285.7  | 289.8  | 282.2  | 283.9  | 285.1  | 281.6  | 269.2  |
| 15°   | 580.8  | 591.3  | 580.2  | 590.8  | 586.6  | 571.4  | 554.3  | 531.4  | 540.2  | 524.3  | 519.0  |
| 17.5° | 1272.0 | 1296.1 | 1286.1 | 1237.4 | 1253.2 | 1215.6 | 1192.1 | 1183.3 | 1158.6 | 1085.1 | 1054.5 |
| 20°   | 2308.4 | 2337.8 | 2310.1 | 2253.1 | 2271.3 | 2200.2 | 2182.0 | 2164.9 | 2055.6 | 2015.6 | 1887.5 |
| 21°   | 2744.5 | 2768.6 | 2779.2 | 2719.8 | 2683.4 | 2627.0 | 2579.9 | 2564.7 | 2498.2 | 2421.2 | 2289.6 |
| 22°   | 3271.2 | 3243.0 | 3179.5 | 3187.7 | 3133.7 | 3087.2 | 3022.0 | 2960.3 | 2886.2 | 2778.6 | 2669.9 |
| 23°   | 3707.4 | 3674.5 | 3644.5 | 3608.0 | 3549.8 | 3516.9 | 3423.5 | 3355.9 | 3259.5 | 3144.2 | 3039.6 |
| 24°   | 4113.6 | 4063.0 | 4044.2 | 3979.5 | 3963.1 | 3889.0 | 3813.2 | 3725.0 | 3608.6 | 3485.8 | 3370.0 |
| 25°   | 4401.0 | 4408.6 | 4392.2 | 4384.5 | 4300.5 | 4224.7 | 4149.4 | 4013.6 | 3914.3 | 3805.5 | 3627.4 |
| 26°   | 4709.0 | 4712.5 | 4704.3 | 4647.9 | 4572.1 | 4498.0 | 4401.0 | 4282.8 | 4138.8 | 4018.3 | 3857.3 |
| 27°   | 4944.7 | 4930.6 | 4918.9 | 4851.9 | 4789.5 | 4696.1 | 4607.9 | 4468.0 | 4327.5 | 4184.1 | 3997.2 |
| 28°   | 5132.8 | 5106.4 | 5091.7 | 5034.1 | 4961.2 | 4846.6 | 4738.4 | 4607.9 | 4467.4 | 4313.4 | 4111.2 |
| 29°   | 5246.3 | 5218.1 | 5201.6 | 5138.1 | 5054.1 | 4953.5 | 4844.2 | 4700.8 | 4549.7 | 4378.1 | 4174.7 |
| 30°   | 5285.7 | 5269.2 | 5243.3 | 5177.5 | 5090.5 | 4985.9 | 4873.6 | 4717.8 | 4559.7 | 4384.0 | 4168.8 |
| 31°   | 5259.8 | 5238.6 | 5214.0 | 5142.8 | 5048.8 | 4948.8 | 4818.4 | 4654.9 | 4488.6 | 4321.1 | 4093.0 |
| 32°   | 5156.9 | 5144.0 | 5114.0 | 5018.8 | 4942.4 | 4813.1 | 4684.3 | 4531.5 | 4349.9 | 4170.0 | 3963.7 |
| 33°   | 4964.1 | 4943.0 | 4917.1 | 4830.1 | 4732.5 | 4608.5 | 4480.4 | 4324.0 | 4143.5 | 3953.7 | 3726.8 |
| 34°   | 4670.2 | 4643.2 | 4610.9 | 4552.7 | 4428.0 | 4320.5 | 4172.3 | 3989.5 | 3840.2 | 3658.0 | 3452.8 |
| 35°   | 4265.8 | 4226.4 | 4187.6 | 4143.5 | 4003.6 | 3904.3 | 3804.4 | 3645.1 | 3501.0 | 3329.4 | 3097.2 |
| 36°   | 3812.0 | 3796.7 | 3765.0 | 3648.6 | 3603.3 | 3468.1 | 3387.6 | 3204.8 | 3088.4 | 2920.3 | 2728.7 |
| 37°   | 3298.8 | 3208.9 | 3254.8 | 3189.5 | 3053.1 | 3010.8 | 2915.0 | 2758.0 | 2632.3 | 2454.7 | 2316.0 |
| 38°   | 2748.6 | 2689.9 | 2722.2 | 2656.4 | 2585.2 | 2487.6 | 2414.8 | 2300.1 | 2159.1 | 2019.7 | 1888.1 |
| 39°   | 2178.5 | 2130.8 | 2166.1 | 2121.4 | 2013.3 | 1972.7 | 1908.1 | 1820.5 | 1707.0 | 1598.3 | 1473.7 |
| 40°   | 1642.4 | 1581.2 | 1628.3 | 1564.8 | 1515.4 | 1449.0 | 1416.1 | 1335.5 | 1265.0 | 1199.7 | 1120.4 |
| 42.5° | 750.1  | 743.6  | 733.0  | 710.1  | 704.8  | 705.4  | 664.8  | 638.4  | 602.5  | 560.8  | 535.5  |
| 45°   | 328.0  | 336.2  | 343.3  | 330.4  | 329.8  | 322.7  | 320.4  | 302.7  | 295.7  | 282.2  | 265.7  |
| 47.5° | 161.7  | 164.6  | 162.8  | 166.4  | 163.4  | 158.7  | 157.5  | 155.2  | 148.1  | 147.5  | 139.9  |
| 50°   | 38.2   | 37.6   | 37.6   | 38.2   | 37.6   | 37.6   | 37.0   | 35.9   | 35.3   | 35.9   | 34.1   |
| 52.5° | 12.3   | 12.9   | 12.3   | 11.8   | 12.3   | 12.9   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   |
| 55°   | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 2.4    | 2.4    | 2.9    | 2.9    | 2.9    |
| 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°    | 20.0   | 20.0  | 20.0  | 20.0 | 20.0   | 20.0 | 20.0   | 20.0 |
| 2.5°  | 35.9   | 30.6  | 25.3  | 20.0 | 14.7   | 11.8 | 11.2   | 10.6 |
| 5°    | 54.1   | 43.5  | 28.8  | 17.0 | 10.0   | 7.1  | 5.3    | 4.7  |
| 7.5°  | 72.9   | 54.1  | 31.7  | 14.1 | 7.1    | 2.9  | 1.2    | 0.6  |
| 10°   | 104.6  | 64.1  | 32.9  | 11.2 | 3.5    | 0.0  | 0.0    | 0.0  |
| 12.5° | 205.1  | 73.5  | 32.3  | 8.8  | 0.6    | 0.0  | 0.0    | 0.0  |
| 15°   | 340.9  | 102.9 | 30.0  | 5.9  | 0.0    | 0.0  | 0.0    | 0.0  |
| 17.5° | 558.4  | 132.8 | 25.9  | 4.1  | 0.0    | 0.0  | 0.0    | 0.0  |
| 20°   | 865.9  | 147.5 | 20.0  | 1.8  | 0.0    | 0.0  | 0.0    | 0.0  |
| 21°   | 1015.2 | 148.7 | 17.6  | 1.2  | 0.0    | 0.0  | 0.0    | 0.0  |
| 22°   | 1144.5 | 148.7 | 15.3  | 0.6  | 0.0    | 0.0  | 0.0    | 0.0  |
| 23°   | 1264.4 | 147.0 | 13.5  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 24°   | 1363.2 | 144.6 | 12.3  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 25°   | 1437.2 | 141.1 | 11.2  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 26°   | 1471.3 | 136.4 | 9.4   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 27°   | 1488.4 | 129.9 | 8.2   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 28°   | 1476.6 | 122.9 | 7.1   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 29°   | 1447.2 | 115.2 | 5.3   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 30°   | 1409.0 | 106.4 | 4.1   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 31°   | 1353.2 | 97.6  | 2.9   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 32°   | 1276.7 | 88.8  | 2.4   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 33°   | 1174.5 | 79.4  | 1.2   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 34°   | 1048.1 | 70.0  | 0.6   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 35°   | 906.4  | 61.7  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 36°   | 784.7  | 52.9  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 37°   | 662.5  | 42.3  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 38°   | 554.9  | 33.5  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 39°   | 459.1  | 27.0  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 40°   | 380.3  | 18.2  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 42.5° | 210.4  | 12.3  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 45°   | 127.6  | 7.1   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 47.5° | 74.1   | 2.4   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 50°   | 28.2   | 0.0   | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 52.5° | 9.4    | 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: P1325750

CATALOG NUMBER: LDSQA3D09R15W2N902750DE010 3LSQCA30R 1MB\_5000K

**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)