

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: P1325019

Luminaire Tested: LDSQA3D05R35W2N902765DE010 3LSQPHRL1MMS\_3000K

Issue Date: 1/29/2026

**Test Information**

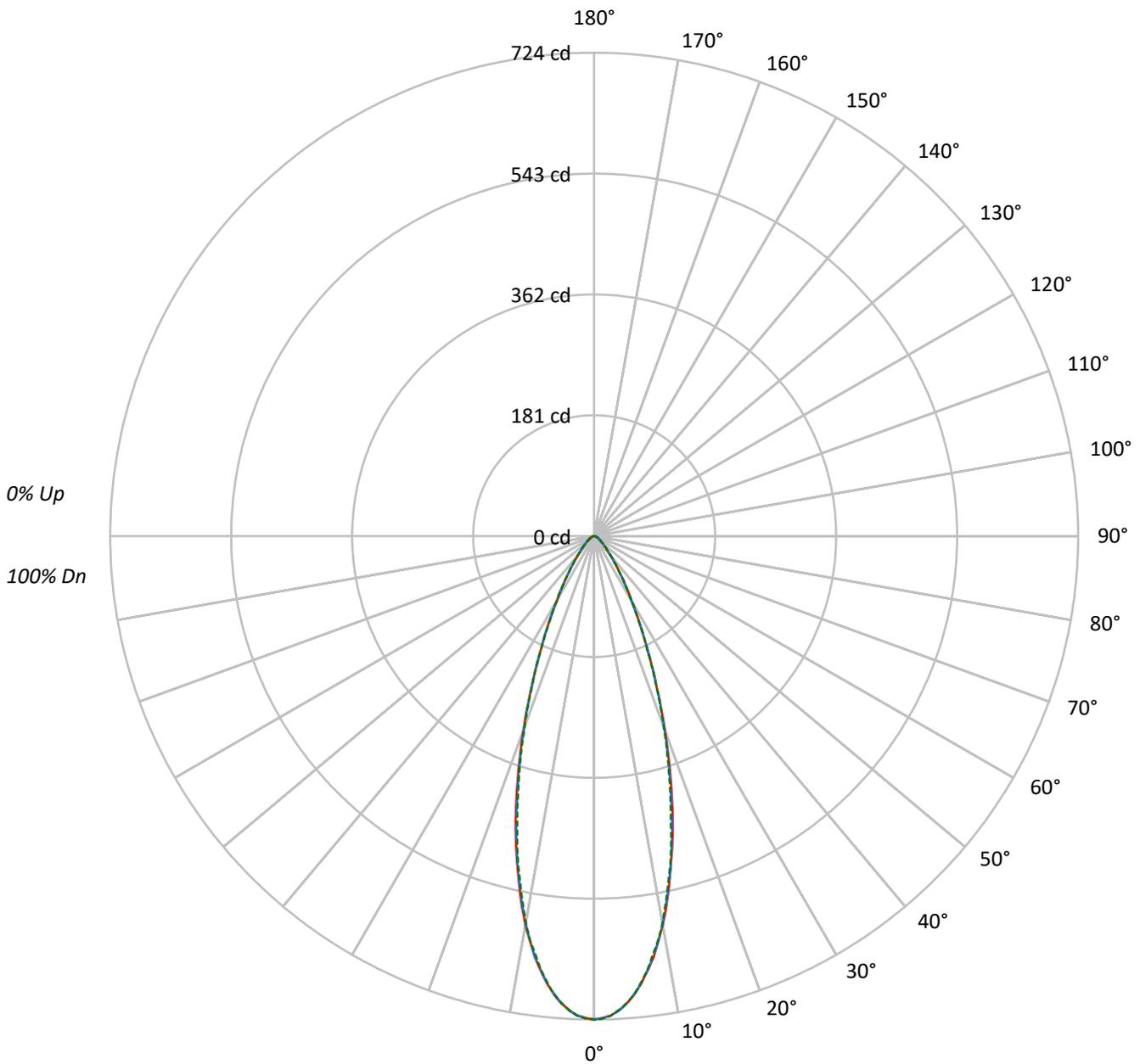
Test Method: LM-79-2019  
Report Number: P1325019  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R35W2N902765DE010 3LSQPHRL1MMS\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,  
3LSQPHRL1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 357.0 lumens  
Efficiency: N/A  
Efficacy: 60.5 lumens/watt  
Spacing Criteria (0/90/45): 0.59 / 0.58 / 0.6  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 5.9  
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% Up  
100% Dn

— 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   | 114 | 111 | 108 | 106 | 111 | 109 | 106 | 104 | 105 | 103 | 101 | 101 | 99  | 98  | 97  | 96  | 95  | 95  | 95  | 94  | 94  |
| 2   | 108 | 103 | 99  | 96  | 106 | 102 | 98  | 95  | 98  | 95  | 93  | 95  | 93  | 91  | 93  | 91  | 89  | 89  | 89  | 87  | 87  |
| 3   | 103 | 97  | 92  | 88  | 101 | 95  | 91  | 87  | 93  | 89  | 86  | 90  | 87  | 85  | 88  | 86  | 83  | 83  | 83  | 82  | 82  |
| 4   | 98  | 91  | 86  | 82  | 96  | 90  | 85  | 81  | 88  | 84  | 80  | 86  | 82  | 79  | 84  | 81  | 78  | 78  | 78  | 77  | 77  |
| 5   | 94  | 86  | 80  | 76  | 92  | 85  | 80  | 76  | 83  | 79  | 75  | 82  | 78  | 75  | 80  | 77  | 74  | 74  | 74  | 73  | 73  |
| 6   | 90  | 81  | 76  | 72  | 88  | 81  | 75  | 71  | 79  | 74  | 71  | 78  | 74  | 70  | 76  | 73  | 70  | 70  | 70  | 69  | 69  |
| 7   | 86  | 77  | 72  | 68  | 85  | 77  | 71  | 67  | 75  | 71  | 67  | 74  | 70  | 67  | 73  | 69  | 66  | 66  | 66  | 65  | 65  |
| 8   | 82  | 73  | 68  | 64  | 81  | 73  | 68  | 64  | 72  | 67  | 64  | 71  | 67  | 63  | 70  | 66  | 63  | 63  | 63  | 62  | 62  |
| 9   | 79  | 70  | 65  | 61  | 78  | 70  | 64  | 61  | 69  | 64  | 61  | 68  | 63  | 60  | 67  | 63  | 60  | 60  | 60  | 59  | 59  |
| 10  | 76  | 67  | 62  | 58  | 75  | 67  | 61  | 58  | 66  | 61  | 58  | 65  | 61  | 58  | 64  | 60  | 57  | 57  | 57  | 56  | 56  |

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

|     | 0°     | 45°    | 90°    |
|-----|--------|--------|--------|
| 0°  | 124672 | 124672 | 124672 |
| 5°  | 119132 | 118924 | 119132 |
| 10° | 103424 | 103074 | 102934 |
| 15° | 81036  | 80395  | 79129  |
| 20° | 56687  | 56192  | 55826  |
| 25° | 36010  | 36238  | 36010  |
| 30° | 22174  | 22333  | 22174  |
| 35° | 13729  | 13813  | 13813  |
| 40° | 8723   | 8813   | 8813   |
| 45° | 5870   | 5967   | 6065   |
| 50° | 4233   | 4340   | 4340   |
| 55° | 3333   | 3333   | 3333   |
| 60° | 2721   | 2721   | 2721   |
| 65° | 2404   | 2404   | 2404   |
| 70° | 2216   | 2216   | 2216   |
| 75° | 1863   | 1863   | 1863   |
| 80° | 1587   | 1587   | 1587   |
| 85° | 790    | 790    | 1581   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 67.5°  
 Vertical Angle: 45°  
 Luminance: 6065 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 62.6   | 17.5      |
| 10°-20°   | 123.2  | 34.5      |
| 20°-30°   | 88.9   | 24.9      |
| 30°-40°   | 42.8   | 12.0      |
| 40°-50°   | 19.8   | 5.5       |
| 50°-60°   | 10.2   | 2.9       |
| 60°-70°   | 5.9    | 1.6       |
| 70°-80°   | 3.0    | 0.8       |
| 80°-90°   | 0.7    | 0.2       |
| 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°    | 274.6  | 76.9      |
| 0°-40°    | 317.5  | 88.9      |
| 0°-60°    | 347.4  | 97.3      |
| 0°-90°    | 357.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 357.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0°  | 724 | 724   | 724 | 724   | 724 |      |
| 5°  | 689 | 691   | 688 | 688   | 689 | 63   |
| 15° | 454 | 454   | 451 | 449   | 444 | 124  |
| 25° | 190 | 190   | 191 | 191   | 190 | 89   |
| 35° | 65  | 65    | 66  | 66    | 66  | 43   |
| 45° | 24  | 24    | 24  | 25    | 25  | 20   |
| 55° | 11  | 11    | 11  | 11    | 11  | 10   |
| 65° | 6   | 6     | 6   | 6     | 6   | 6    |
| 75° | 3   | 3     | 3   | 3     | 3   | 3    |
| 85° | 0   | 0     | 0   | 0     | 1   | 1    |
| 90° | 0   | 0     | 0   | 0     | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 22.5° | 45°   | 67.5° | 90°   |
|-------|-------|-------|-------|-------|-------|
| 0°    | 723.9 | 723.9 | 723.9 | 723.9 | 723.9 |
| 1°    | 721.9 | 723.1 | 722.7 | 723.1 | 722.7 |
| 2°    | 718.3 | 719.1 | 718.3 | 718.7 | 718.7 |
| 3°    | 710.8 | 711.6 | 711.6 | 711.2 | 710.8 |
| 4°    | 701.7 | 703.7 | 701.7 | 702.1 | 700.9 |
| 5°    | 689.1 | 690.7 | 687.9 | 688.3 | 689.1 |
| 6°    | 673.6 | 674.0 | 673.3 | 672.9 | 672.1 |
| 7°    | 655.8 | 657.4 | 654.7 | 655.1 | 654.3 |
| 8°    | 636.9 | 636.5 | 636.5 | 634.9 | 632.5 |
| 9°    | 613.9 | 615.5 | 613.1 | 612.3 | 612.7 |
| 10°   | 591.4 | 591.4 | 589.4 | 587.4 | 588.6 |
| 11°   | 565.7 | 564.9 | 563.7 | 560.9 | 560.1 |
| 12°   | 537.6 | 539.2 | 535.6 | 534.4 | 531.6 |
| 13°   | 508.7 | 511.1 | 509.5 | 505.1 | 505.5 |
| 14°   | 481.8 | 480.2 | 479.0 | 478.2 | 475.5 |
| 15°   | 454.5 | 453.7 | 450.9 | 449.0 | 443.8 |
| 17.5° | 379.7 | 380.5 | 375.4 | 374.6 | 372.6 |
| 20°   | 309.3 | 307.0 | 306.6 | 307.0 | 304.6 |
| 22.5° | 244.1 | 246.4 | 243.7 | 244.1 | 242.5 |
| 25°   | 189.5 | 189.9 | 190.7 | 190.7 | 189.5 |
| 27.5° | 147.2 | 147.2 | 146.4 | 147.2 | 146.0 |
| 30°   | 111.5 | 111.5 | 112.3 | 113.1 | 111.5 |
| 32.5° | 86.2  | 86.2  | 86.2  | 86.6  | 87.0  |
| 35°   | 65.3  | 65.3  | 65.7  | 65.7  | 65.7  |
| 37.5° | 50.2  | 50.6  | 51.0  | 51.0  | 51.0  |
| 40°   | 38.8  | 39.2  | 39.2  | 39.6  | 39.2  |
| 42.5° | 30.9  | 30.9  | 30.9  | 31.2  | 31.2  |
| 45°   | 24.1  | 24.5  | 24.5  | 24.9  | 24.9  |
| 47.5° | 19.8  | 19.8  | 19.8  | 20.2  | 20.2  |
| 50°   | 15.8  | 16.2  | 16.2  | 16.2  | 16.2  |
| 52.5° | 13.1  | 13.1  | 13.4  | 13.4  | 13.4  |
| 55°   | 11.1  | 11.1  | 11.1  | 11.1  | 11.1  |
| 57.5° | 9.1   | 9.5   | 9.5   | 9.5   | 9.5   |
| 60°   | 7.9   | 7.9   | 7.9   | 7.9   | 7.9   |
| 62.5° | 6.7   | 6.7   | 6.7   | 6.7   | 6.7   |
| 65°   | 5.9   | 5.9   | 5.9   | 5.9   | 5.9   |
| 67.5° | 4.7   | 5.1   | 5.1   | 5.1   | 5.1   |
| 70°   | 4.4   | 4.4   | 4.4   | 4.4   | 4.4   |
| 72.5° | 3.2   | 3.6   | 3.6   | 3.6   | 3.6   |
| 75°   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   |
| 77.5° | 2.4   | 2.0   | 2.0   | 2.0   | 2.4   |
| 80°   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   |
| 82.5° | 1.2   | 1.2   | 1.2   | 1.2   | 1.2   |
| 85°   | 0.4   | 0.4   | 0.4   | 0.4   | 0.8   |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.4   | 0.4   |



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**CANDELA DISTRIBUTION (continued):**

|     | 0°  | 22.5° | 45° | 67.5° | 90° |
|-----|-----|-------|-----|-------|-----|
| 90° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |

(END OF REPORT)