

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: P1323601

Luminaire Tested: LDSQA3D05R259030D2WDE010 3LSQPHRL1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323601
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R259030D2WDE010 3LSQPHRL1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRL1MW TRIM
Light Source: -
Ballast/Driver: -

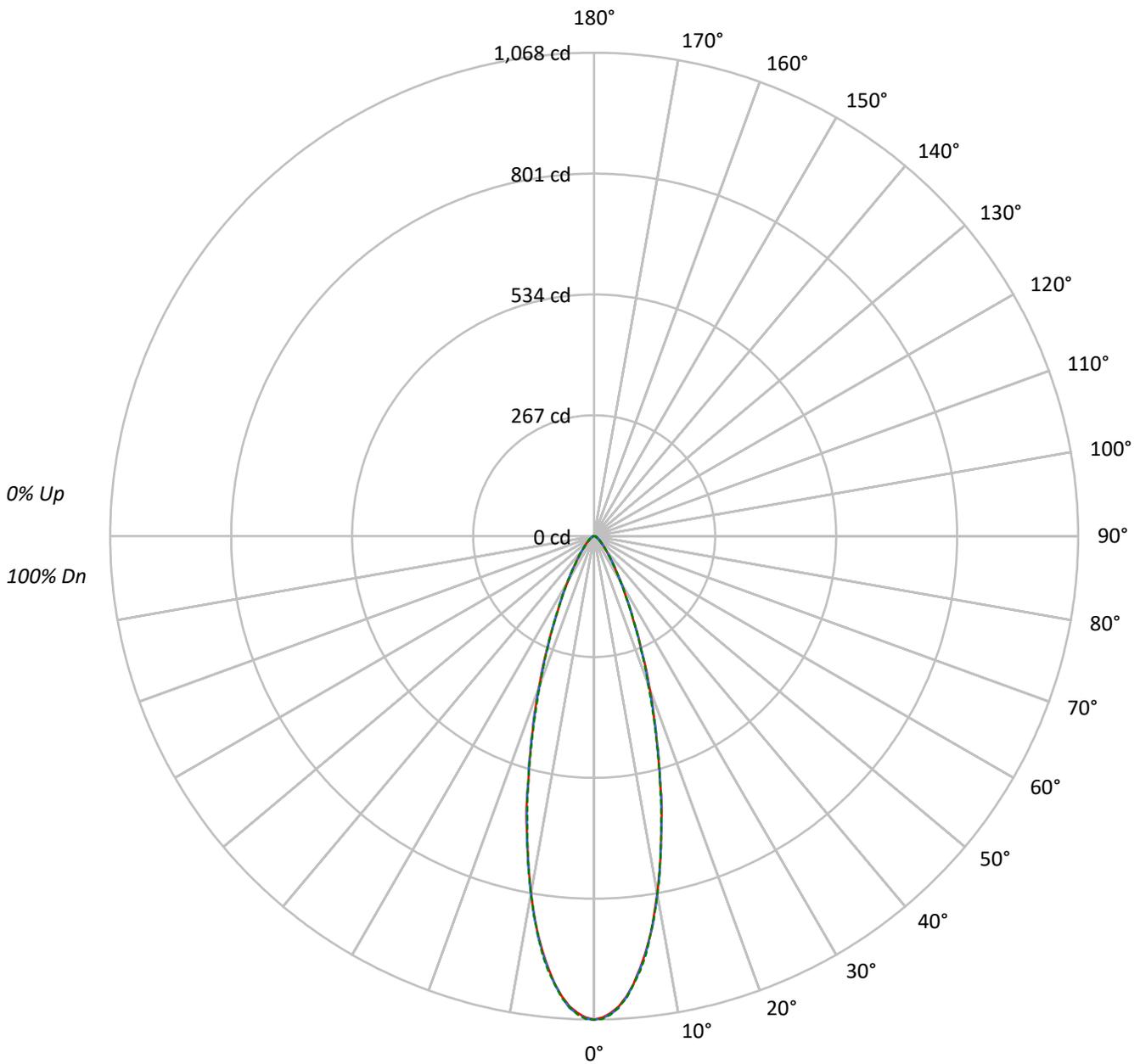
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 428.0 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.54
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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

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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 | | | | 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 | 109 | 107 | 111 | 109 | 107 | 105 | 105 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 96 | 96 | 96 | 96 | 94 |
| 2 | 109 | 104 | 100 | 97 | 106 | 102 | 99 | 96 | 99 | 96 | 94 | 96 | 94 | 92 | 93 | 92 | 90 | 93 | 92 | 90 | 88 |
| 3 | 104 | 98 | 93 | 89 | 102 | 96 | 92 | 89 | 94 | 90 | 87 | 91 | 88 | 86 | 89 | 87 | 85 | 89 | 87 | 85 | 83 |
| 4 | 99 | 92 | 87 | 83 | 97 | 91 | 86 | 83 | 89 | 85 | 82 | 87 | 84 | 81 | 85 | 82 | 80 | 85 | 82 | 80 | 79 |
| 5 | 95 | 87 | 82 | 78 | 93 | 86 | 81 | 78 | 85 | 80 | 77 | 83 | 79 | 76 | 82 | 78 | 76 | 82 | 78 | 76 | 74 |
| 6 | 91 | 83 | 78 | 74 | 90 | 82 | 77 | 73 | 81 | 76 | 73 | 79 | 76 | 72 | 78 | 75 | 72 | 78 | 75 | 72 | 71 |
| 7 | 87 | 79 | 74 | 70 | 86 | 78 | 73 | 70 | 77 | 73 | 69 | 76 | 72 | 69 | 75 | 71 | 69 | 75 | 71 | 69 | 67 |
| 8 | 84 | 76 | 70 | 67 | 83 | 75 | 70 | 66 | 74 | 69 | 66 | 73 | 69 | 66 | 72 | 68 | 66 | 72 | 68 | 66 | 64 |
| 9 | 81 | 72 | 67 | 64 | 80 | 72 | 67 | 63 | 71 | 66 | 63 | 70 | 66 | 63 | 69 | 66 | 63 | 69 | 66 | 63 | 62 |
| 10 | 78 | 69 | 64 | 61 | 77 | 69 | 64 | 61 | 68 | 64 | 61 | 67 | 63 | 60 | 67 | 63 | 60 | 67 | 63 | 60 | 59 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|--------|--------|--------|
| 0° | 183968 | 183968 | 183968 |
| 5° | 171705 | 171878 | 171964 |
| 10° | 140061 | 140498 | 140498 |
| 15° | 100043 | 100578 | 100043 |
| 20° | 65466 | 64825 | 63908 |
| 25° | 38917 | 39107 | 38917 |
| 30° | 23446 | 23446 | 23347 |
| 35° | 14276 | 14381 | 14276 |
| 40° | 9105 | 9218 | 9218 |
| 45° | 6333 | 6333 | 6333 |
| 50° | 4555 | 4689 | 4689 |
| 55° | 3603 | 3603 | 3753 |
| 60° | 2928 | 3100 | 3100 |
| 65° | 2649 | 2649 | 2649 |
| 70° | 2266 | 2266 | 2518 |
| 75° | 1996 | 1996 | 2329 |
| 80° | 1984 | 1984 | 1984 |
| 85° | 988 | 988 | 988 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6333 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 88.8 | 20.7 |
| 10°-20° | 154.7 | 36.1 |
| 20°-30° | 97.3 | 22.7 |
| 30°-40° | 44.5 | 10.4 |
| 40°-50° | 20.8 | 4.9 |
| 50°-60° | 11.2 | 2.6 |
| 60°-70° | 6.6 | 1.5 |
| 70°-80° | 3.4 | 0.8 |
| 80°-90° | 0.8 | 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° | 340.8 | 79.6 |
| 0°-40° | 385.2 | 90.0 |
| 0°-60° | 417.2 | 97.5 |
| 0°-90° | 428.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 428.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|------|-------|------|-------|------|------|
| 0° | 1068 | 1068 | 1068 | 1068 | 1068 | |
| 5° | 993 | 995 | 994 | 995 | 995 | 89 |
| 15° | 561 | 565 | 564 | 565 | 561 | 155 |
| 25° | 205 | 207 | 206 | 206 | 205 | 97 |
| 35° | 68 | 68 | 68 | 68 | 68 | 44 |
| 45° | 26 | 26 | 26 | 26 | 26 | 21 |
| 55° | 12 | 12 | 12 | 12 | 12 | 11 |
| 65° | 6 | 6 | 6 | 6 | 6 | 6 |
| 75° | 3 | 3 | 3 | 4 | 4 | 3 |
| 85° | 0 | 0 | 0 | 0 | 0 | 1 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1323601

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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|--------|--------|--------|--------|--------|
| 0° | 1068.2 | 1068.2 | 1068.2 | 1068.2 | 1068.2 |
| 1° | 1063.7 | 1064.7 | 1065.7 | 1067.2 | 1066.7 |
| 2° | 1053.7 | 1055.7 | 1056.2 | 1058.2 | 1057.7 |
| 3° | 1040.2 | 1039.7 | 1043.7 | 1043.7 | 1041.2 |
| 4° | 1019.2 | 1020.2 | 1021.2 | 1022.2 | 1022.7 |
| 5° | 993.2 | 995.2 | 994.2 | 995.2 | 994.7 |
| 6° | 961.3 | 964.3 | 963.8 | 964.8 | 966.3 |
| 7° | 927.3 | 929.3 | 929.3 | 928.3 | 932.3 |
| 8° | 890.3 | 888.8 | 891.3 | 890.3 | 889.8 |
| 9° | 846.3 | 849.3 | 849.8 | 847.3 | 848.3 |
| 10° | 800.9 | 802.9 | 803.4 | 804.9 | 803.4 |
| 11° | 755.9 | 755.9 | 756.9 | 759.4 | 755.4 |
| 12° | 707.0 | 711.4 | 707.0 | 708.9 | 707.0 |
| 13° | 660.5 | 661.5 | 660.5 | 660.0 | 656.5 |
| 14° | 616.5 | 613.0 | 614.0 | 610.0 | 610.5 |
| 15° | 561.1 | 564.6 | 564.1 | 565.1 | 561.1 |
| 17.5° | 451.1 | 453.1 | 452.6 | 451.6 | 446.7 |
| 20° | 357.2 | 357.2 | 353.7 | 351.7 | 348.7 |
| 22.5° | 272.8 | 271.8 | 270.3 | 268.8 | 269.8 |
| 25° | 204.8 | 207.3 | 205.8 | 205.8 | 204.8 |
| 27.5° | 154.9 | 157.9 | 155.4 | 153.9 | 154.9 |
| 30° | 117.9 | 118.9 | 117.9 | 117.4 | 117.4 |
| 32.5° | 88.9 | 89.4 | 88.9 | 88.9 | 88.9 |
| 35° | 67.9 | 67.9 | 68.4 | 68.4 | 67.9 |
| 37.5° | 52.5 | 52.5 | 52.5 | 52.5 | 53.0 |
| 40° | 40.5 | 41.0 | 41.0 | 41.0 | 41.0 |
| 42.5° | 32.0 | 32.5 | 32.5 | 32.5 | 32.5 |
| 45° | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 |
| 47.5° | 21.0 | 21.0 | 21.0 | 21.0 | 21.5 |
| 50° | 17.0 | 17.5 | 17.5 | 17.5 | 17.5 |
| 52.5° | 14.5 | 14.5 | 14.5 | 14.5 | 14.5 |
| 55° | 12.0 | 12.0 | 12.0 | 12.5 | 12.5 |
| 57.5° | 10.0 | 10.0 | 10.5 | 10.5 | 10.5 |
| 60° | 8.5 | 9.0 | 9.0 | 9.0 | 9.0 |
| 62.5° | 7.5 | 7.5 | 8.0 | 8.0 | 8.0 |
| 65° | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| 67.5° | 5.5 | 5.5 | 5.5 | 5.5 | 6.0 |
| 70° | 4.5 | 4.5 | 4.5 | 5.0 | 5.0 |
| 72.5° | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 75° | 3.0 | 3.0 | 3.0 | 3.5 | 3.5 |
| 77.5° | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 80° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 82.5° | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 85° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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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)