

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: P1324136

Luminaire Tested: LDSQA3D17R709030D2WDE010 3LSQCLDWWR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324136
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R709030D2WDE010 3LSQCLDWWR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
3LSQCLDWWR1MW TRIM
Light Source: -
Ballast/Driver: -

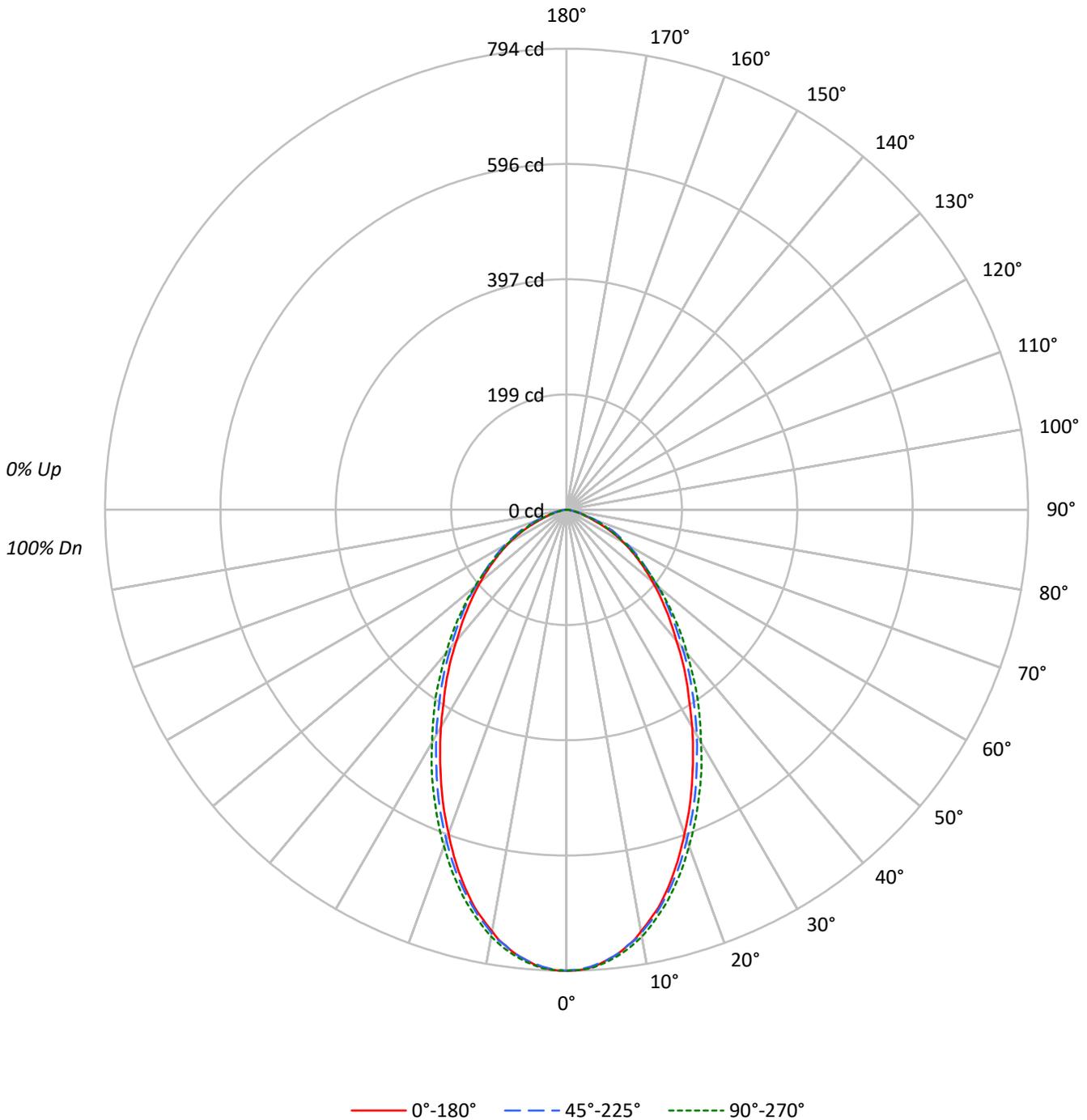
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1192.0 lumens
Efficiency: N/A
Efficacy: 43.7 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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





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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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 111 | 107 | 104 | 101 | 109 | 105 | 102 | 99 | 101 | 98 | 96 | 97 | 95 | 93 | 94 | 92 | 91 | 89 |
| 2 | 103 | 96 | 91 | 86 | 101 | 95 | 89 | 85 | 91 | 87 | 83 | 88 | 84 | 81 | 85 | 82 | 80 | 78 |
| 3 | 95 | 87 | 80 | 75 | 93 | 85 | 79 | 74 | 82 | 77 | 73 | 80 | 75 | 71 | 77 | 74 | 70 | 68 |
| 4 | 89 | 78 | 71 | 65 | 87 | 77 | 70 | 65 | 75 | 69 | 64 | 73 | 67 | 63 | 71 | 66 | 62 | 61 |
| 5 | 83 | 71 | 64 | 58 | 81 | 70 | 63 | 58 | 68 | 62 | 57 | 67 | 61 | 57 | 65 | 60 | 56 | 54 |
| 6 | 77 | 65 | 58 | 52 | 75 | 64 | 57 | 52 | 63 | 56 | 51 | 61 | 55 | 51 | 60 | 55 | 51 | 49 |
| 7 | 72 | 60 | 52 | 47 | 70 | 59 | 52 | 47 | 58 | 51 | 47 | 57 | 51 | 46 | 55 | 50 | 46 | 44 |
| 8 | 68 | 56 | 48 | 43 | 66 | 55 | 48 | 43 | 54 | 47 | 42 | 53 | 47 | 42 | 51 | 46 | 42 | 40 |
| 9 | 64 | 52 | 44 | 39 | 62 | 51 | 44 | 39 | 50 | 44 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 37 |
| 10 | 60 | 48 | 41 | 36 | 59 | 48 | 41 | 36 | 47 | 40 | 36 | 46 | 40 | 36 | 45 | 40 | 36 | 34 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|--------|--------|--------|
| 0° | 136728 | 136728 | 136728 |
| 5° | 134760 | 134760 | 135244 |
| 10° | 129009 | 129516 | 130513 |
| 15° | 120226 | 121243 | 122794 |
| 20° | 108792 | 110900 | 113008 |
| 25° | 97199 | 99935 | 102671 |
| 30° | 85950 | 89112 | 91975 |
| 35° | 75730 | 79052 | 82395 |
| 40° | 66075 | 69649 | 72550 |
| 45° | 58600 | 61767 | 63861 |
| 50° | 51737 | 54417 | 55194 |
| 55° | 45429 | 48012 | 46721 |
| 60° | 39198 | 42195 | 40197 |
| 65° | 31134 | 36391 | 32886 |
| 70° | 22508 | 28299 | 24674 |
| 75° | 17234 | 18232 | 15371 |
| 80° | 11406 | 11406 | 8529 |
| 85° | 5730 | 5730 | 5730 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 63861 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 73.2 | 6.1 |
| 10°-20° | 190.0 | 15.9 |
| 20°-30° | 241.4 | 20.3 |
| 30°-40° | 234.8 | 19.7 |
| 40°-50° | 195.3 | 16.4 |
| 50°-60° | 140.8 | 11.8 |
| 60°-70° | 82.9 | 7.0 |
| 70°-80° | 29.4 | 2.5 |
| 80°-90° | 4.3 | 0.4 |
| 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° | 504.6 | 42.3 |
| 0°-40° | 739.4 | 62.0 |
| 0°-60° | 1075.5 | 90.2 |
| 0°-90° | 1192.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1192.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 794 | 794 | 794 | 794 | 794 | |
| 5° | 780 | 778 | 780 | 780 | 782 | 73 |
| 15° | 674 | 674 | 680 | 684 | 689 | 188 |
| 25° | 512 | 517 | 526 | 536 | 540 | 235 |
| 35° | 360 | 364 | 376 | 386 | 392 | 225 |
| 45° | 241 | 245 | 254 | 259 | 262 | 186 |
| 55° | 151 | 156 | 160 | 158 | 156 | 136 |
| 65° | 76 | 82 | 89 | 85 | 81 | 76 |
| 75° | 26 | 27 | 27 | 24 | 23 | 28 |
| 85° | 3 | 3 | 3 | 3 | 3 | 4 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1324136

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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|-------|-------|-------|-------|-------|
| 0° | 793.9 | 793.9 | 793.9 | 793.9 | 793.9 |
| 1° | 793.9 | 792.4 | 792.4 | 792.4 | 793.9 |
| 2° | 792.4 | 791.0 | 791.0 | 791.0 | 792.4 |
| 3° | 789.5 | 788.1 | 788.1 | 788.1 | 791.0 |
| 4° | 785.2 | 782.3 | 783.8 | 783.8 | 786.7 |
| 5° | 779.5 | 778.0 | 779.5 | 779.5 | 782.3 |
| 6° | 773.7 | 772.2 | 773.7 | 773.7 | 776.6 |
| 7° | 766.5 | 765.0 | 766.5 | 767.9 | 770.8 |
| 8° | 757.8 | 756.4 | 757.8 | 759.3 | 763.6 |
| 9° | 749.2 | 747.8 | 750.6 | 752.1 | 755.0 |
| 10° | 737.7 | 737.7 | 740.6 | 742.0 | 746.3 |
| 11° | 726.1 | 726.1 | 729.0 | 731.9 | 736.2 |
| 12° | 714.6 | 714.6 | 718.9 | 721.8 | 724.7 |
| 13° | 703.1 | 701.6 | 706.0 | 708.9 | 713.2 |
| 14° | 688.7 | 687.2 | 693.0 | 697.3 | 701.6 |
| 15° | 674.3 | 674.3 | 680.0 | 684.4 | 688.7 |
| 17.5° | 635.4 | 636.8 | 644.0 | 649.8 | 654.1 |
| 20° | 593.6 | 597.9 | 605.1 | 612.3 | 616.6 |
| 22.5° | 553.3 | 556.1 | 566.2 | 574.9 | 579.2 |
| 25° | 511.5 | 517.2 | 525.9 | 536.0 | 540.3 |
| 27.5° | 471.1 | 476.9 | 485.5 | 495.6 | 502.8 |
| 30° | 432.2 | 436.6 | 448.1 | 458.2 | 462.5 |
| 32.5° | 393.3 | 399.1 | 410.6 | 420.7 | 426.5 |
| 35° | 360.2 | 364.5 | 376.0 | 386.1 | 391.9 |
| 37.5° | 327.1 | 331.4 | 342.9 | 351.5 | 355.9 |
| 40° | 293.9 | 301.1 | 309.8 | 318.4 | 322.7 |
| 42.5° | 266.5 | 272.3 | 280.9 | 288.2 | 292.5 |
| 45° | 240.6 | 244.9 | 253.6 | 259.3 | 262.2 |
| 47.5° | 216.1 | 220.4 | 229.1 | 232.0 | 233.4 |
| 50° | 193.1 | 197.4 | 203.1 | 204.6 | 206.0 |
| 52.5° | 171.5 | 174.3 | 180.1 | 180.1 | 178.7 |
| 55° | 151.3 | 155.6 | 159.9 | 158.5 | 155.6 |
| 57.5° | 132.5 | 134.0 | 141.2 | 138.3 | 135.4 |
| 60° | 113.8 | 116.7 | 122.5 | 119.6 | 116.7 |
| 62.5° | 95.1 | 98.0 | 105.2 | 102.3 | 98.0 |
| 65° | 76.4 | 82.1 | 89.3 | 85.0 | 80.7 |
| 67.5° | 57.6 | 64.8 | 72.0 | 67.7 | 64.8 |
| 70° | 44.7 | 50.4 | 56.2 | 51.9 | 49.0 |
| 72.5° | 34.6 | 37.5 | 40.3 | 37.5 | 34.6 |
| 75° | 25.9 | 27.4 | 27.4 | 24.5 | 23.1 |
| 77.5° | 18.7 | 20.2 | 17.3 | 14.4 | 14.4 |
| 80° | 11.5 | 13.0 | 11.5 | 8.6 | 8.6 |
| 82.5° | 5.8 | 7.2 | 5.8 | 5.8 | 5.8 |
| 85° | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 87.5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |



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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)