

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: P1317179

Luminaire Tested: LDSQA3D05R259827DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317179
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R259827DE010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

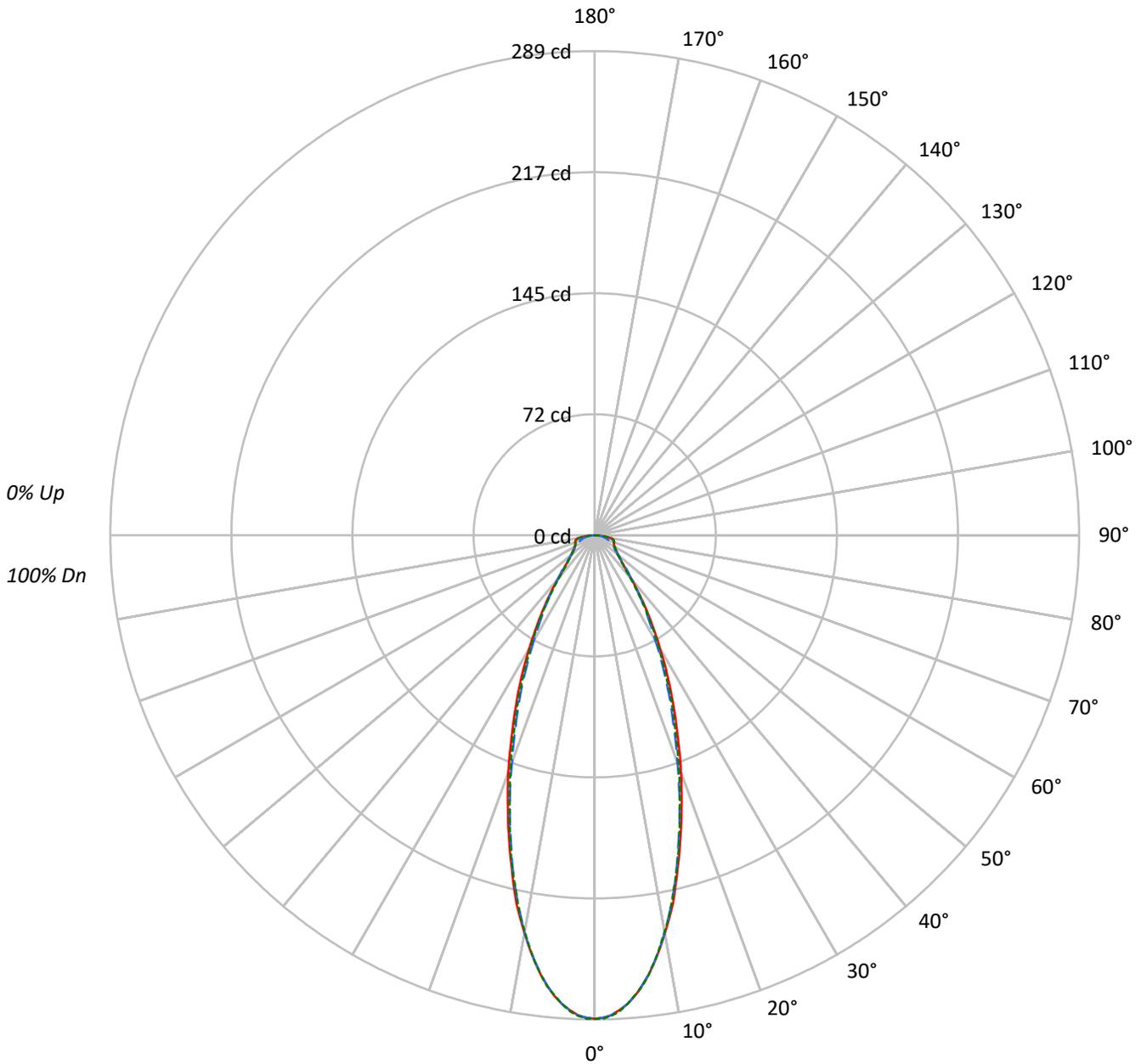
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 218.0 lumens
Efficiency: N/A
Efficacy: 30.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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 |
| 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 | 99 | 96 | 97 | 95 | 93 | 94 | 92 | 91 | 89 | | |
| 2 | 104 | 98 | 92 | 88 | 102 | 96 | 91 | 87 | 93 | 89 | 85 | 89 | 86 | 83 | 87 | 84 | 81 | 80 | | |
| 3 | 98 | 90 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 79 | 75 | 80 | 77 | 74 | 72 | | |
| 4 | 92 | 83 | 76 | 71 | 90 | 81 | 75 | 70 | 79 | 74 | 69 | 77 | 72 | 69 | 75 | 71 | 68 | 66 | | |
| 5 | 87 | 77 | 70 | 65 | 85 | 76 | 69 | 64 | 74 | 68 | 64 | 72 | 67 | 63 | 70 | 66 | 63 | 61 | | |
| 6 | 82 | 72 | 65 | 60 | 80 | 71 | 64 | 59 | 69 | 63 | 59 | 68 | 62 | 59 | 66 | 62 | 58 | 56 | | |
| 7 | 78 | 67 | 60 | 55 | 76 | 66 | 60 | 55 | 65 | 59 | 55 | 64 | 58 | 55 | 62 | 58 | 54 | 53 | | |
| 8 | 74 | 63 | 56 | 52 | 72 | 62 | 56 | 52 | 61 | 55 | 51 | 60 | 55 | 51 | 59 | 54 | 51 | 49 | | |
| 9 | 70 | 60 | 53 | 49 | 69 | 59 | 53 | 48 | 58 | 52 | 48 | 57 | 52 | 48 | 56 | 51 | 48 | 46 | | |
| 10 | 67 | 56 | 50 | 46 | 66 | 56 | 50 | 46 | 55 | 49 | 46 | 54 | 49 | 45 | 53 | 49 | 45 | 44 | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 49703 | 49703 | 49703 |
| 5° | 47698 | 47646 | 47646 |
| 10° | 42163 | 42111 | 41989 |
| 15° | 34822 | 34322 | 34518 |
| 20° | 27583 | 26447 | 26887 |
| 25° | 21017 | 19896 | 20428 |
| 30° | 15472 | 14378 | 14994 |
| 35° | 11080 | 10575 | 10722 |
| 40° | 7599 | 7734 | 7352 |
| 45° | 5626 | 5967 | 5529 |
| 50° | 4903 | 4903 | 4796 |
| 55° | 4654 | 4444 | 4654 |
| 60° | 4753 | 4374 | 4753 |
| 65° | 5175 | 4483 | 5175 |
| 70° | 6244 | 4532 | 6093 |
| 75° | 7785 | 4791 | 7785 |
| 80° | 9918 | 5157 | 9224 |
| 85° | 8102 | 4742 | 8102 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 9918 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 25.2 | 11.6 |
| 10°-20° | 53.5 | 24.5 |
| 20°-30° | 49.0 | 22.5 |
| 30°-40° | 32.3 | 14.8 |
| 40°-50° | 18.8 | 8.6 |
| 50°-60° | 13.8 | 6.3 |
| 60°-70° | 11.7 | 5.4 |
| 70°-80° | 9.7 | 4.4 |
| 80°-90° | 4.0 | 1.8 |
| 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° | 127.8 | 58.6 |
| 0°-40° | 160.1 | 73.4 |
| 0°-60° | 192.7 | 88.4 |
| 0°-90° | 218.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 218.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 289 | 289 | 289 | 289 | 289 | |
| 5° | 276 | 276 | 276 | 276 | 276 | 25 |
| 15° | 195 | 195 | 192 | 193 | 194 | 54 |
| 25° | 111 | 108 | 105 | 105 | 108 | 51 |
| 35° | 53 | 52 | 50 | 50 | 51 | 33 |
| 45° | 23 | 24 | 24 | 23 | 23 | 19 |
| 55° | 16 | 16 | 15 | 15 | 16 | 14 |
| 65° | 13 | 12 | 11 | 12 | 13 | 13 |
| 75° | 12 | 9 | 7 | 9 | 12 | 12 |
| 85° | 4 | 4 | 2 | 4 | 4 | 5 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1317179

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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|-------|-------|-------|-------|-------|
| 0° | 288.6 | 288.6 | 288.6 | 288.6 | 288.6 |
| 1° | 288.0 | 288.0 | 288.0 | 288.0 | 288.6 |
| 2° | 286.6 | 286.2 | 286.6 | 286.6 | 286.9 |
| 3° | 283.8 | 283.8 | 283.8 | 283.8 | 284.5 |
| 4° | 280.4 | 280.4 | 280.4 | 280.4 | 280.4 |
| 5° | 275.9 | 275.6 | 275.6 | 275.9 | 275.6 |
| 6° | 270.4 | 270.4 | 270.4 | 270.4 | 270.7 |
| 7° | 264.2 | 263.8 | 263.8 | 263.5 | 264.2 |
| 8° | 257.0 | 257.0 | 256.6 | 256.3 | 257.0 |
| 9° | 249.4 | 249.7 | 249.0 | 248.7 | 248.7 |
| 10° | 241.1 | 240.8 | 240.8 | 240.8 | 240.1 |
| 11° | 232.8 | 231.8 | 231.5 | 231.5 | 232.2 |
| 12° | 224.6 | 222.9 | 222.2 | 222.2 | 222.2 |
| 13° | 214.6 | 213.9 | 212.9 | 212.2 | 212.5 |
| 14° | 204.6 | 204.6 | 202.9 | 202.9 | 203.6 |
| 15° | 195.3 | 194.6 | 192.5 | 193.2 | 193.6 |
| 17.5° | 172.2 | 170.8 | 168.4 | 168.4 | 168.8 |
| 20° | 150.5 | 148.1 | 144.3 | 146.0 | 146.7 |
| 22.5° | 129.2 | 126.8 | 123.0 | 124.7 | 125.4 |
| 25° | 110.6 | 107.5 | 104.7 | 105.1 | 107.5 |
| 27.5° | 93.7 | 90.2 | 87.5 | 88.5 | 89.9 |
| 30° | 77.8 | 75.8 | 72.3 | 74.1 | 75.4 |
| 32.5° | 64.4 | 62.7 | 60.3 | 61.3 | 62.7 |
| 35° | 52.7 | 51.7 | 50.3 | 50.3 | 51.0 |
| 37.5° | 42.7 | 42.4 | 41.7 | 41.3 | 41.0 |
| 40° | 33.8 | 34.4 | 34.4 | 33.8 | 32.7 |
| 42.5° | 27.6 | 28.2 | 28.9 | 27.6 | 26.5 |
| 45° | 23.1 | 23.8 | 24.5 | 23.1 | 22.7 |
| 47.5° | 20.3 | 20.7 | 21.0 | 20.3 | 20.0 |
| 50° | 18.3 | 18.3 | 18.3 | 17.9 | 17.9 |
| 52.5° | 16.9 | 16.5 | 16.2 | 16.5 | 16.5 |
| 55° | 15.5 | 15.5 | 14.8 | 15.2 | 15.5 |
| 57.5° | 14.5 | 14.1 | 13.8 | 14.1 | 14.5 |
| 60° | 13.8 | 13.1 | 12.7 | 13.1 | 13.8 |
| 62.5° | 13.1 | 12.4 | 11.7 | 12.4 | 13.1 |
| 65° | 12.7 | 11.7 | 11.0 | 11.7 | 12.7 |
| 67.5° | 12.4 | 11.0 | 10.0 | 11.0 | 12.4 |
| 70° | 12.4 | 10.3 | 9.0 | 10.3 | 12.1 |
| 72.5° | 12.1 | 9.6 | 8.3 | 9.6 | 12.1 |
| 75° | 11.7 | 9.0 | 7.2 | 9.0 | 11.7 |
| 77.5° | 11.4 | 8.3 | 6.2 | 8.3 | 11.0 |
| 80° | 10.0 | 7.6 | 5.2 | 7.6 | 9.3 |
| 82.5° | 7.2 | 6.2 | 4.1 | 6.2 | 6.9 |
| 85° | 4.1 | 4.5 | 2.4 | 4.5 | 4.1 |
| 87.5° | 0.7 | 1.0 | 0.7 | 1.7 | 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)