

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: IRiS

Report Number: P1292397

Luminaire Tested: P3AS09R25W2N902765DE010 E3DL1MW_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292397
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R25W2N902765DE010 E3DL1MW_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 90CRI ,
E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

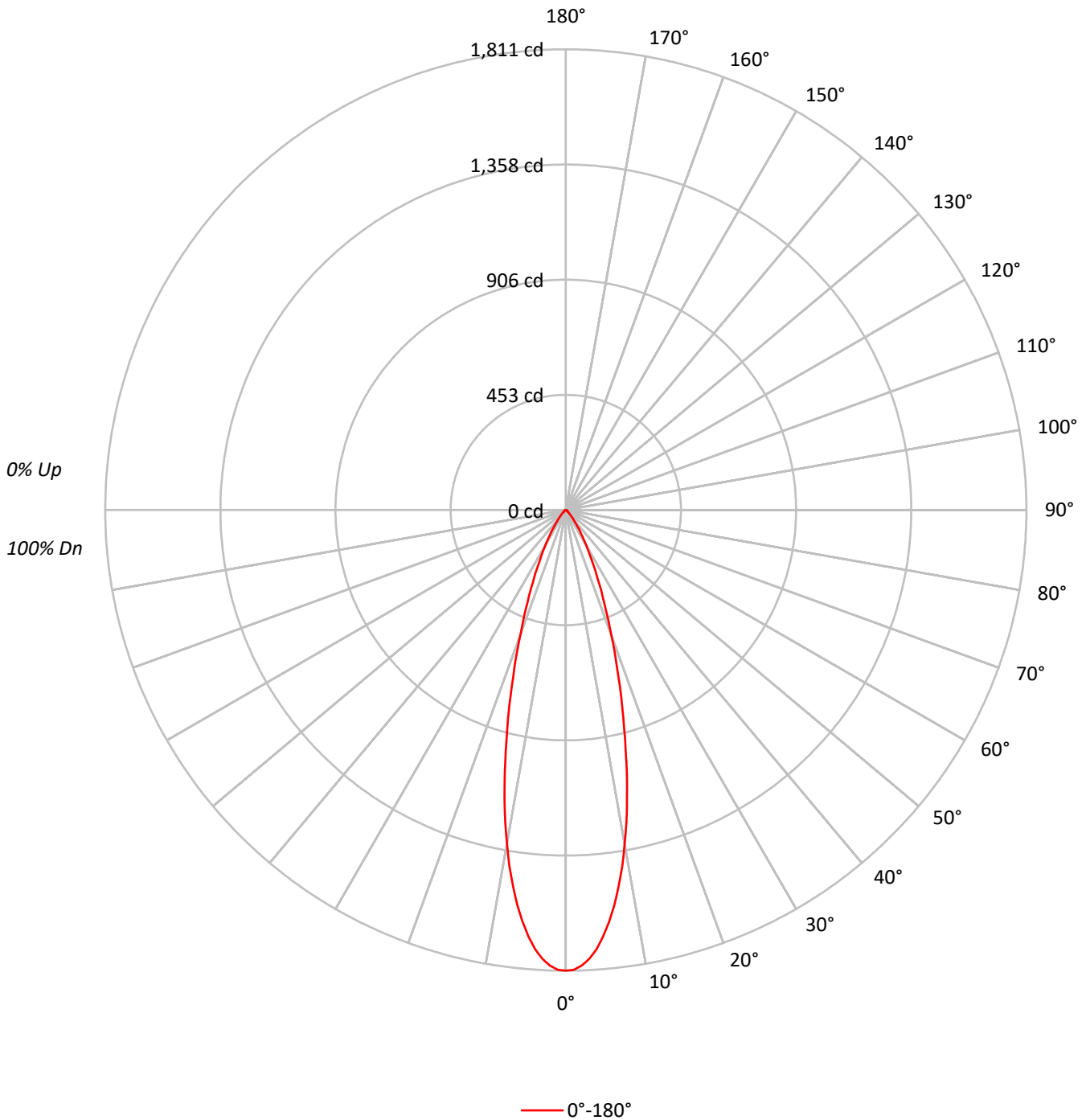
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 619.0 lumens
Efficiency: N/A
Efficacy: 68.8 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 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





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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 | 100 | 100 | 100 | 100 |
| 1 | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 95 | 95 | 95 | 95 |
| 2 | 110 | 105 | 102 | 99 | 107 | 104 | 101 | 98 | 101 | 98 | 96 | 98 | 96 | 94 | 95 | 93 | 92 | 90 | 90 | 90 | 90 |
| 3 | 105 | 100 | 96 | 92 | 103 | 98 | 95 | 91 | 96 | 93 | 90 | 94 | 91 | 89 | 91 | 89 | 87 | 86 | 86 | 86 | 86 |
| 4 | 101 | 95 | 90 | 87 | 99 | 94 | 89 | 86 | 92 | 88 | 85 | 90 | 87 | 84 | 88 | 85 | 83 | 82 | 82 | 82 | 82 |
| 5 | 97 | 90 | 85 | 82 | 96 | 89 | 85 | 81 | 88 | 84 | 81 | 86 | 83 | 80 | 85 | 82 | 79 | 78 | 78 | 78 | 78 |
| 6 | 94 | 86 | 81 | 78 | 92 | 86 | 81 | 78 | 84 | 80 | 77 | 83 | 79 | 77 | 82 | 78 | 76 | 75 | 75 | 75 | 75 |
| 7 | 90 | 83 | 78 | 74 | 89 | 82 | 77 | 74 | 81 | 77 | 74 | 80 | 76 | 73 | 79 | 75 | 73 | 72 | 72 | 72 | 72 |
| 8 | 87 | 79 | 74 | 71 | 86 | 79 | 74 | 71 | 78 | 74 | 71 | 77 | 73 | 70 | 76 | 73 | 70 | 69 | 69 | 69 | 69 |
| 9 | 84 | 76 | 71 | 68 | 83 | 76 | 71 | 68 | 75 | 71 | 68 | 74 | 70 | 68 | 73 | 70 | 67 | 66 | 66 | 66 | 66 |
| 10 | 81 | 73 | 69 | 65 | 80 | 73 | 68 | 65 | 72 | 68 | 65 | 72 | 68 | 65 | 71 | 67 | 65 | 64 | 64 | 64 | 64 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 397073 |
| 5° | 370459 |
| 10° | 296766 |
| 15° | 201431 |
| 20° | 121881 |
| 25° | 71278 |
| 30° | 40589 |
| 35° | 22326 |
| 40° | 11851 |
| 45° | 6233 |
| 50° | 3616 |
| 55° | 2714 |
| 60° | 2324 |
| 65° | 2439 |
| 70° | 2244 |
| 75° | 2033 |
| 80° | 1515 |
| 85° | 1510 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6233 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 149.3 | 24.1 |
| 10°-20° | 244.0 | 39.4 |
| 20°-30° | 139.4 | 22.5 |
| 30°-40° | 55.0 | 8.9 |
| 40°-50° | 16.9 | 2.7 |
| 50°-60° | 6.7 | 1.1 |
| 60°-70° | 4.4 | 0.7 |
| 70°-80° | 2.5 | 0.4 |
| 80°-90° | 0.8 | 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° | 532.7 | 86.1 |
| 0°-40° | 587.7 | 94.9 |
| 0°-60° | 611.2 | 98.7 |
| 0°-90° | 619.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 619.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1811 | |
| 5° | 1683 | 149 |
| 15° | 887 | 244 |
| 25° | 295 | 139 |
| 35° | 83 | 55 |
| 45° | 20 | 17 |
| 55° | 7 | 7 |
| 65° | 5 | 4 |
| 75° | 2 | 3 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1810.8 |
| 1° | 1807.2 |
| 2° | 1792.4 |
| 3° | 1766.4 |
| 4° | 1730.3 |
| 5° | 1683.0 |
| 6° | 1627.4 |
| 7° | 1564.7 |
| 8° | 1491.9 |
| 9° | 1417.4 |
| 10° | 1332.8 |
| 11° | 1249.4 |
| 12° | 1157.7 |
| 13° | 1067.2 |
| 14° | 974.3 |
| 15° | 887.3 |
| 17.5° | 688.0 |
| 20° | 522.3 |
| 22.5° | 392.2 |
| 25° | 294.6 |
| 27.5° | 218.3 |
| 30° | 160.3 |
| 32.5° | 115.9 |
| 35° | 83.4 |
| 37.5° | 59.2 |
| 40° | 41.4 |
| 42.5° | 28.4 |
| 45° | 20.1 |
| 47.5° | 14.2 |
| 50° | 10.6 |
| 52.5° | 8.3 |
| 55° | 7.1 |
| 57.5° | 6.5 |
| 60° | 5.3 |
| 62.5° | 4.7 |
| 65° | 4.7 |
| 67.5° | 4.1 |
| 70° | 3.5 |
| 72.5° | 3.0 |
| 75° | 2.4 |
| 77.5° | 1.8 |
| 80° | 1.2 |
| 82.5° | 1.2 |
| 85° | 0.6 |
| 87.5° | 0.6 |



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)