

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: P1295134

Luminaire Tested: P3AS09R70W2N902750DE010 E3DLP1MW_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295134
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R70W2N902750DE010 E3DLP1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 3500K CCT AND, 90CRI ,
E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

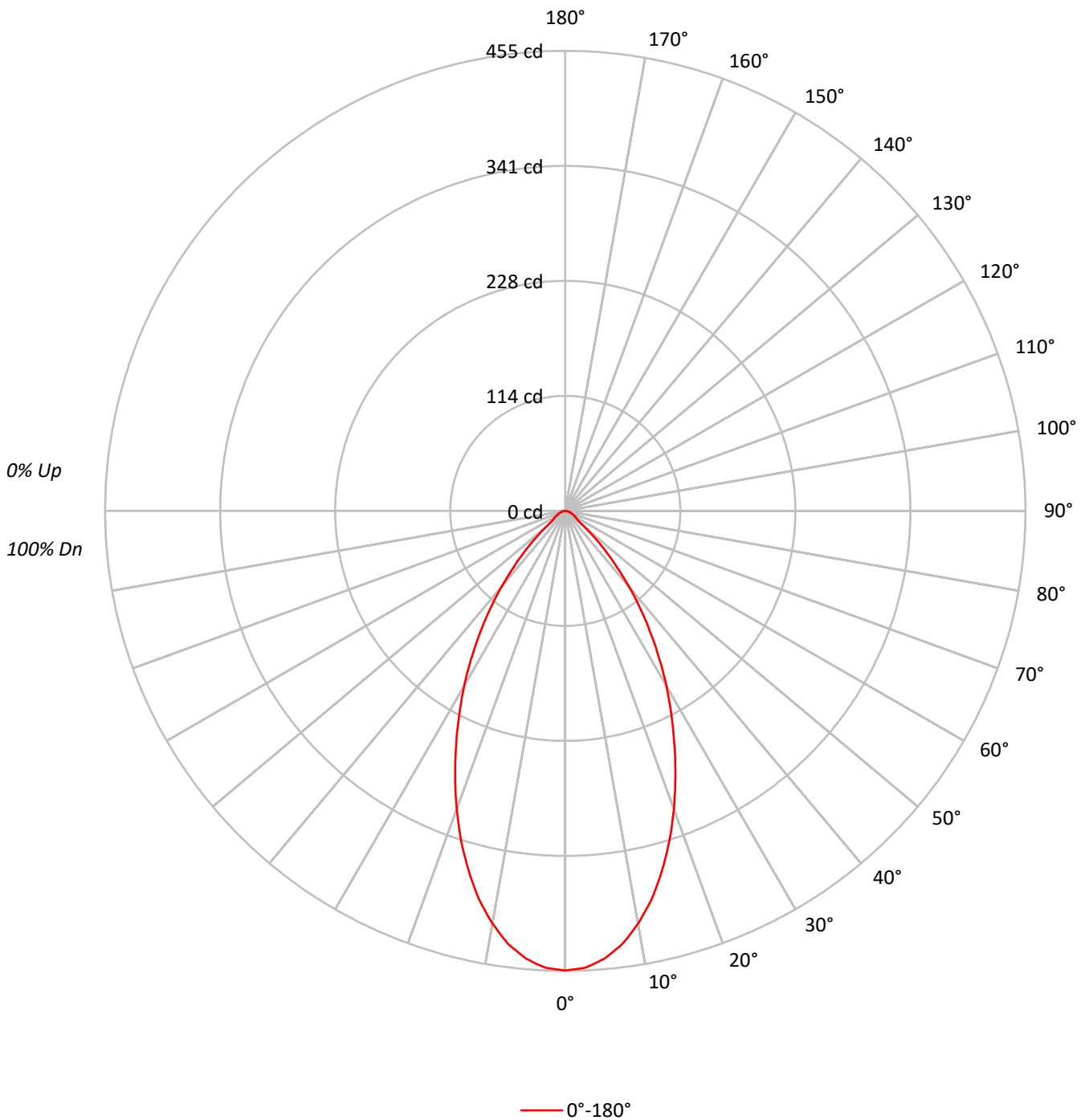
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 425.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
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 |
| 1 | 113 | 110 | 107 | 104 | 110 | 107 | 105 | 103 | 103 | 101 | 100 | 100 | 98 | 97 | 96 | 95 | 94 | 92 | | | 92 |
| 2 | 106 | 101 | 97 | 93 | 104 | 99 | 95 | 92 | 96 | 93 | 90 | 93 | 90 | 88 | 90 | 88 | 86 | 84 | | | 84 |
| 3 | 100 | 93 | 88 | 83 | 98 | 92 | 87 | 83 | 89 | 85 | 81 | 87 | 83 | 80 | 84 | 81 | 79 | 77 | | | 77 |
| 4 | 95 | 86 | 80 | 76 | 93 | 85 | 80 | 75 | 83 | 78 | 74 | 81 | 77 | 73 | 79 | 76 | 73 | 71 | | | 71 |
| 5 | 89 | 80 | 74 | 69 | 88 | 79 | 73 | 69 | 78 | 72 | 68 | 76 | 71 | 68 | 74 | 70 | 67 | 65 | | | 65 |
| 6 | 85 | 75 | 68 | 64 | 83 | 74 | 68 | 64 | 73 | 67 | 63 | 71 | 66 | 63 | 70 | 65 | 62 | 61 | | | 61 |
| 7 | 80 | 70 | 64 | 59 | 79 | 69 | 63 | 59 | 68 | 62 | 58 | 67 | 62 | 58 | 66 | 61 | 58 | 56 | | | 56 |
| 8 | 76 | 66 | 59 | 55 | 75 | 65 | 59 | 55 | 64 | 58 | 54 | 63 | 58 | 54 | 62 | 57 | 54 | 52 | | | 52 |
| 9 | 72 | 62 | 55 | 51 | 71 | 61 | 55 | 51 | 60 | 55 | 51 | 59 | 54 | 51 | 58 | 54 | 50 | 49 | | | 49 |
| 10 | 69 | 58 | 52 | 48 | 67 | 58 | 52 | 48 | 57 | 51 | 48 | 56 | 51 | 48 | 55 | 51 | 47 | 46 | | | 46 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 99685 |
| 5° | 97865 |
| 10° | 92272 |
| 15° | 83746 |
| 20° | 73250 |
| 25° | 61794 |
| 30° | 50590 |
| 35° | 39244 |
| 40° | 28081 |
| 45° | 17769 |
| 50° | 8870 |
| 55° | 5429 |
| 60° | 4649 |
| 65° | 4307 |
| 70° | 3783 |
| 75° | 3474 |
| 80° | 3031 |
| 85° | 3019 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17769 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 41.5 | 9.8 |
| 10°-20° | 102.6 | 24.2 |
| 20°-30° | 116.9 | 27.5 |
| 30°-40° | 91.4 | 21.5 |
| 40°-50° | 44.9 | 10.6 |
| 50°-60° | 13.8 | 3.2 |
| 60°-70° | 8.2 | 1.9 |
| 70°-80° | 4.3 | 1.0 |
| 80°-90° | 1.3 | 0.3 |
| 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° | 261.0 | 61.4 |
| 0°-40° | 352.4 | 82.9 |
| 0°-60° | 411.1 | 96.7 |
| 0°-90° | 425.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 425.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 455 | |
| 5° | 445 | 41 |
| 15° | 369 | 103 |
| 25° | 255 | 117 |
| 35° | 147 | 91 |
| 45° | 57 | 45 |
| 55° | 14 | 14 |
| 65° | 8 | 8 |
| 75° | 4 | 4 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 454.6 |
| 2.5° | 452.3 |
| 5° | 444.6 |
| 7.5° | 432.2 |
| 10° | 414.4 |
| 12.5° | 393.7 |
| 15° | 368.9 |
| 17.5° | 342.3 |
| 20° | 313.9 |
| 22.5° | 284.4 |
| 25° | 255.4 |
| 27.5° | 227.0 |
| 30° | 199.8 |
| 32.5° | 172.6 |
| 35° | 146.6 |
| 37.5° | 121.8 |
| 40° | 98.1 |
| 42.5° | 76.3 |
| 45° | 57.3 |
| 47.5° | 40.2 |
| 50° | 26.0 |
| 52.5° | 17.1 |
| 55° | 14.2 |
| 57.5° | 12.4 |
| 60° | 10.6 |
| 62.5° | 9.5 |
| 65° | 8.3 |
| 67.5° | 7.1 |
| 70° | 5.9 |
| 72.5° | 4.7 |
| 75° | 4.1 |
| 77.5° | 3.5 |
| 80° | 2.4 |
| 82.5° | 1.8 |
| 85° | 1.2 |
| 87.5° | 0.6 |
| 90° | 0.0 |

(END OF REPORT)