

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: P1298291

Luminaire Tested: P3AS13R60W2N902750DE010 E3DLD1MW_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298291
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R60W2N902750DE010 E3DLD1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3500K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

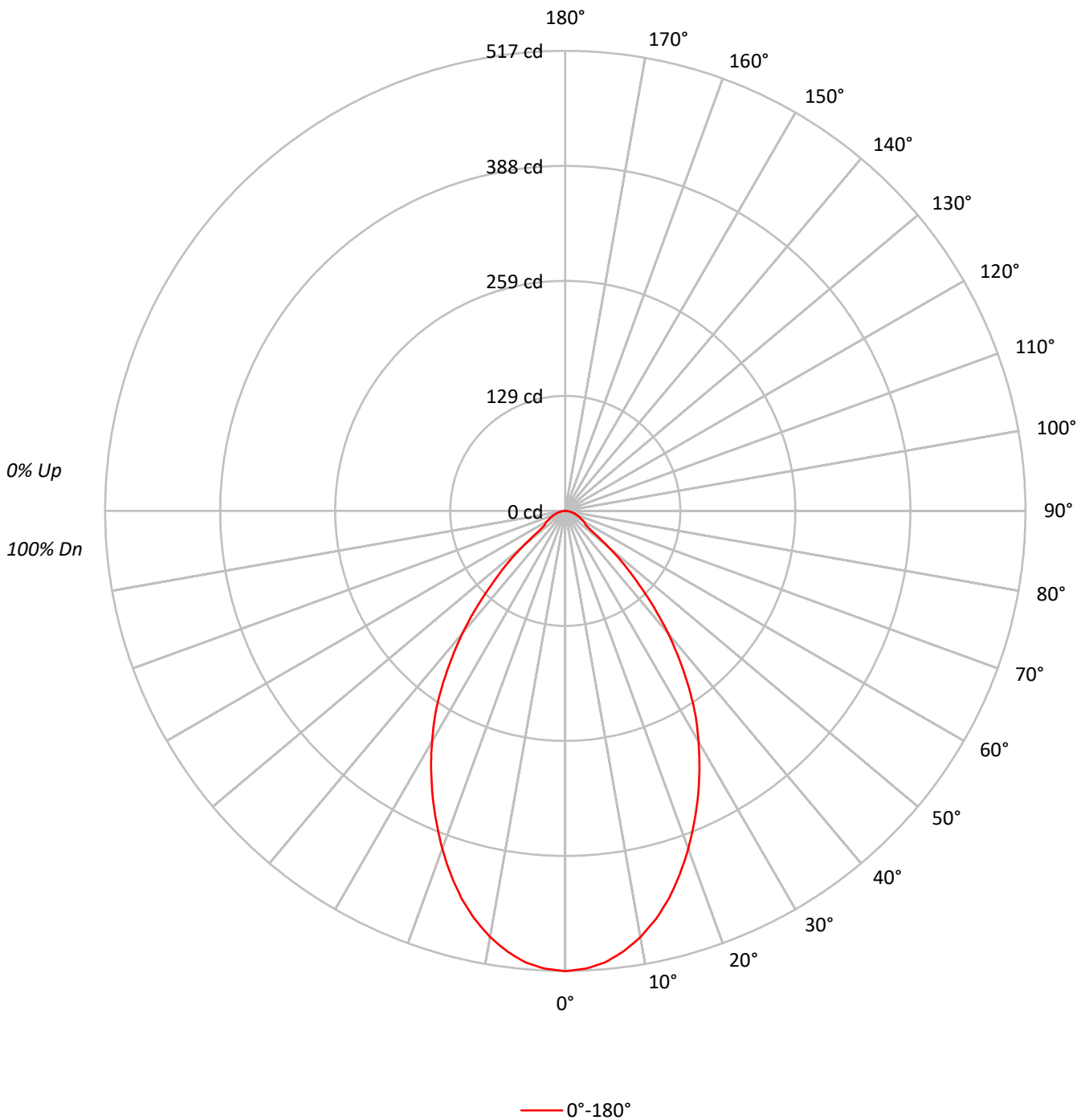
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 639.0 lumens
Efficiency: N/A
Efficacy: 52.0 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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 | 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 | 112 | 109 | 106 | 103 | 110 | 107 | 104 | 101 | 102 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 93 | 91 | | | |
| 2 | 105 | 99 | 94 | 90 | 103 | 97 | 93 | 89 | 94 | 90 | 87 | 91 | 88 | 85 | 88 | 86 | 84 | 82 | | | |
| 3 | 99 | 91 | 85 | 80 | 96 | 89 | 84 | 79 | 87 | 82 | 78 | 84 | 80 | 77 | 82 | 78 | 76 | 74 | | | |
| 4 | 92 | 83 | 77 | 72 | 90 | 82 | 76 | 71 | 80 | 75 | 70 | 78 | 73 | 70 | 76 | 72 | 69 | 67 | | | |
| 5 | 87 | 77 | 70 | 65 | 85 | 76 | 69 | 65 | 74 | 68 | 64 | 72 | 67 | 63 | 71 | 66 | 63 | 61 | | | |
| 6 | 82 | 71 | 64 | 59 | 80 | 70 | 64 | 59 | 69 | 63 | 58 | 67 | 62 | 58 | 66 | 61 | 58 | 56 | | | |
| 7 | 77 | 66 | 59 | 54 | 75 | 65 | 59 | 54 | 64 | 58 | 54 | 63 | 57 | 53 | 61 | 57 | 53 | 51 | | | |
| 8 | 72 | 61 | 55 | 50 | 71 | 61 | 54 | 50 | 60 | 54 | 49 | 59 | 53 | 49 | 58 | 53 | 49 | 47 | | | |
| 9 | 68 | 57 | 51 | 46 | 67 | 57 | 50 | 46 | 56 | 50 | 46 | 55 | 49 | 46 | 54 | 49 | 45 | 44 | | | |
| 10 | 65 | 54 | 47 | 43 | 64 | 53 | 47 | 43 | 52 | 47 | 43 | 52 | 46 | 42 | 51 | 46 | 42 | 41 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 113434 |
| 5° | 112150 |
| 10° | 108281 |
| 15° | 102293 |
| 20° | 94298 |
| 25° | 85384 |
| 30° | 75809 |
| 35° | 64782 |
| 40° | 51496 |
| 45° | 36314 |
| 50° | 21697 |
| 55° | 10972 |
| 60° | 10525 |
| 65° | 9651 |
| 70° | 8976 |
| 75° | 8557 |
| 80° | 7829 |
| 85° | 5787 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 36314 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 47.9 | 7.5 |
| 10°-20° | 125.9 | 19.7 |
| 20°-30° | 161.7 | 25.3 |
| 30°-40° | 149.9 | 23.5 |
| 40°-50° | 91.3 | 14.3 |
| 50°-60° | 30.4 | 4.8 |
| 60°-70° | 18.5 | 2.9 |
| 70°-80° | 10.4 | 1.6 |
| 80°-90° | 3.0 | 0.5 |
| 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° | 335.5 | 52.5 |
| 0°-40° | 485.4 | 76.0 |
| 0°-60° | 607.1 | 95.0 |
| 0°-90° | 639.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 639.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 517 | |
| 5° | 510 | 48 |
| 15° | 451 | 126 |
| 25° | 353 | 162 |
| 35° | 242 | 150 |
| 45° | 117 | 91 |
| 55° | 29 | 30 |
| 65° | 19 | 19 |
| 75° | 10 | 10 |
| 85° | 2 | 3 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 517.3 |
| 2.5° | 515.0 |
| 5° | 509.5 |
| 7.5° | 499.5 |
| 10° | 486.3 |
| 12.5° | 470.0 |
| 15° | 450.6 |
| 17.5° | 428.1 |
| 20° | 404.1 |
| 22.5° | 378.5 |
| 25° | 352.9 |
| 27.5° | 326.5 |
| 30° | 299.4 |
| 32.5° | 272.2 |
| 35° | 242.0 |
| 37.5° | 210.2 |
| 40° | 179.9 |
| 42.5° | 148.1 |
| 45° | 117.1 |
| 47.5° | 90.7 |
| 50° | 63.6 |
| 52.5° | 38.0 |
| 55° | 28.7 |
| 57.5° | 26.4 |
| 60° | 24.0 |
| 62.5° | 20.9 |
| 65° | 18.6 |
| 67.5° | 16.3 |
| 70° | 14.0 |
| 72.5° | 11.6 |
| 75° | 10.1 |
| 77.5° | 7.8 |
| 80° | 6.2 |
| 82.5° | 3.9 |
| 85° | 2.3 |
| 87.5° | 1.6 |
| 90° | 0.0 |

(END OF REPORT)