

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: P1247254

Luminaire Tested: P3AS17R259024DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247254
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259024DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

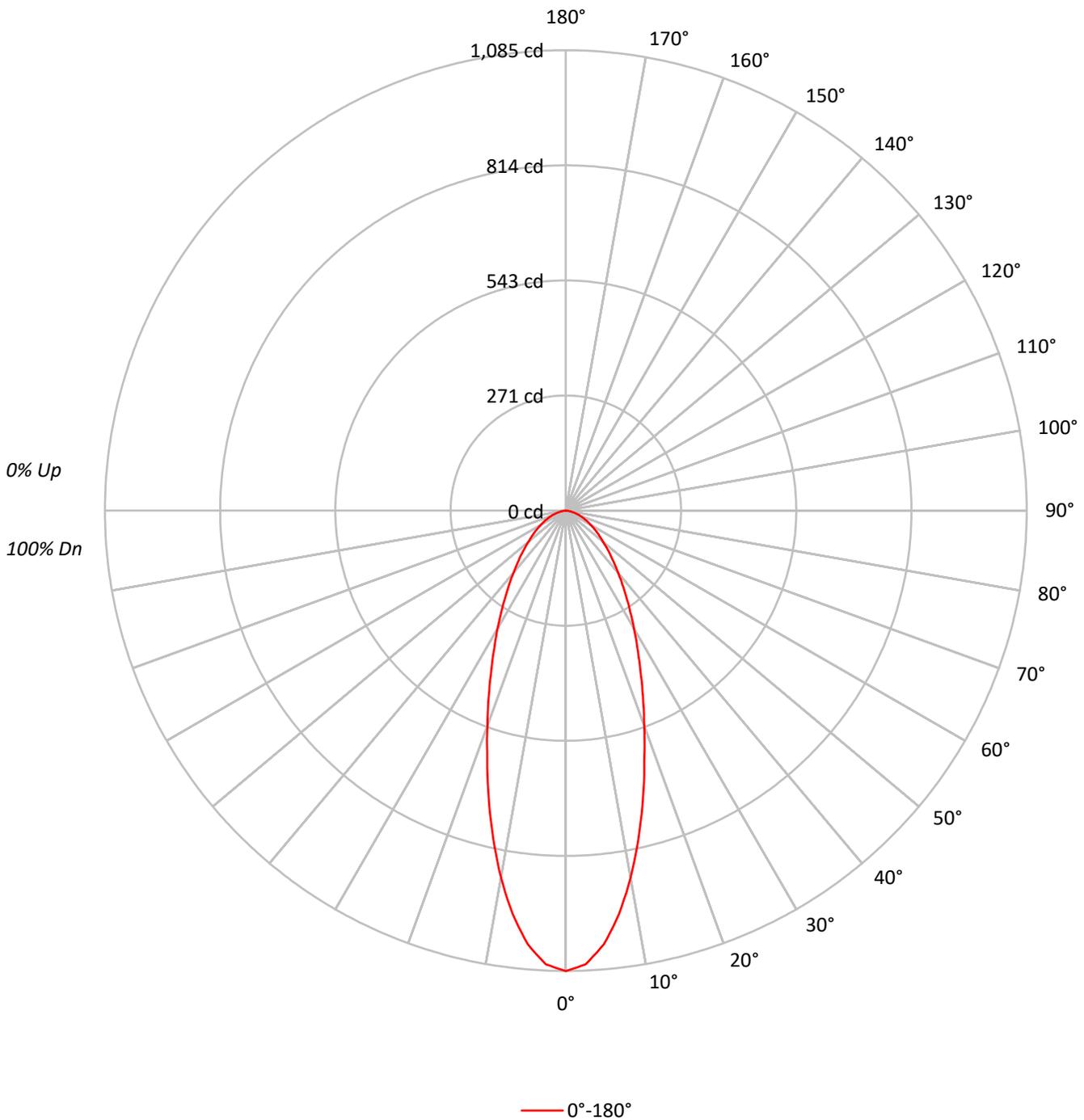
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 912.0 lumens
Efficiency: N/A
Efficacy: 43.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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





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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 | 112 | 108 | 105 | 102 | 109 | 106 | 103 | 100 | 102 | 99 | 97 | 98 | 96 | 94 | 95 | 93 | 92 | 90 | | |
| 2 | 104 | 98 | 93 | 89 | 102 | 96 | 92 | 88 | 93 | 89 | 86 | 90 | 87 | 84 | 87 | 84 | 82 | 80 | | |
| 3 | 97 | 89 | 83 | 78 | 95 | 88 | 82 | 77 | 85 | 80 | 76 | 83 | 78 | 75 | 80 | 77 | 74 | 72 | | |
| 4 | 91 | 82 | 75 | 70 | 89 | 81 | 74 | 69 | 78 | 73 | 69 | 76 | 72 | 68 | 74 | 70 | 67 | 65 | | |
| 5 | 86 | 76 | 68 | 63 | 84 | 75 | 68 | 63 | 73 | 67 | 62 | 71 | 66 | 62 | 69 | 65 | 61 | 59 | | |
| 6 | 81 | 70 | 63 | 58 | 79 | 69 | 62 | 57 | 68 | 62 | 57 | 66 | 61 | 57 | 65 | 60 | 56 | 55 | | |
| 7 | 76 | 65 | 58 | 53 | 75 | 64 | 58 | 53 | 63 | 57 | 53 | 62 | 56 | 52 | 61 | 56 | 52 | 50 | | |
| 8 | 72 | 61 | 54 | 49 | 71 | 60 | 54 | 49 | 59 | 53 | 49 | 58 | 53 | 49 | 57 | 52 | 48 | 47 | | |
| 9 | 68 | 57 | 50 | 46 | 67 | 57 | 50 | 46 | 56 | 50 | 46 | 55 | 49 | 45 | 54 | 49 | 45 | 44 | | |
| 10 | 65 | 54 | 47 | 43 | 64 | 53 | 47 | 43 | 52 | 47 | 43 | 52 | 46 | 43 | 51 | 46 | 42 | 41 | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 237963 |
| 5° | 225885 |
| 10° | 195632 |
| 15° | 159274 |
| 20° | 125848 |
| 25° | 100336 |
| 30° | 81354 |
| 35° | 66254 |
| 40° | 54903 |
| 45° | 46268 |
| 50° | 39129 |
| 55° | 34484 |
| 60° | 30173 |
| 65° | 26358 |
| 70° | 23145 |
| 75° | 19402 |
| 80° | 14522 |
| 85° | 8303 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 46268 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 93.2 | 10.2 |
| 10°-20° | 194.6 | 21.3 |
| 20°-30° | 191.7 | 21.0 |
| 30°-40° | 156.1 | 17.1 |
| 40°-50° | 115.8 | 12.7 |
| 50°-60° | 80.9 | 8.9 |
| 60°-70° | 50.6 | 5.6 |
| 70°-80° | 24.4 | 2.7 |
| 80°-90° | 4.7 | 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° | 479.5 | 52.6 |
| 0°-40° | 635.6 | 69.7 |
| 0°-60° | 832.2 | 91.3 |
| 0°-90° | 912.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 912.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1085 | |
| 5° | 1026 | 93 |
| 15° | 702 | 195 |
| 25° | 415 | 192 |
| 35° | 248 | 156 |
| 45° | 149 | 116 |
| 55° | 90 | 81 |
| 65° | 51 | 51 |
| 75° | 23 | 24 |
| 85° | 3 | 5 |
| 90° | 0 | |

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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|--------|
| 0° | 1085.2 |
| 2.5° | 1070.4 |
| 5° | 1026.2 |
| 7.5° | 959.0 |
| 10° | 878.6 |
| 12.5° | 790.1 |
| 15° | 701.6 |
| 17.5° | 614.7 |
| 20° | 539.3 |
| 22.5° | 473.7 |
| 25° | 414.7 |
| 27.5° | 363.9 |
| 30° | 321.3 |
| 32.5° | 282.0 |
| 35° | 247.5 |
| 37.5° | 218.0 |
| 40° | 191.8 |
| 42.5° | 168.8 |
| 45° | 149.2 |
| 47.5° | 131.1 |
| 50° | 114.7 |
| 52.5° | 101.6 |
| 55° | 90.2 |
| 57.5° | 78.7 |
| 60° | 68.8 |
| 62.5° | 59.0 |
| 65° | 50.8 |
| 67.5° | 42.6 |
| 70° | 36.1 |
| 72.5° | 29.5 |
| 75° | 22.9 |
| 77.5° | 16.4 |
| 80° | 11.5 |
| 82.5° | 6.6 |
| 85° | 3.3 |
| 87.5° | 1.6 |
| 90° | 0.0 |

(END OF REPORT)