

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: P1260977

Luminaire Tested: P3AS24R209050D010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260977
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R209050D010 E3D1WH
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

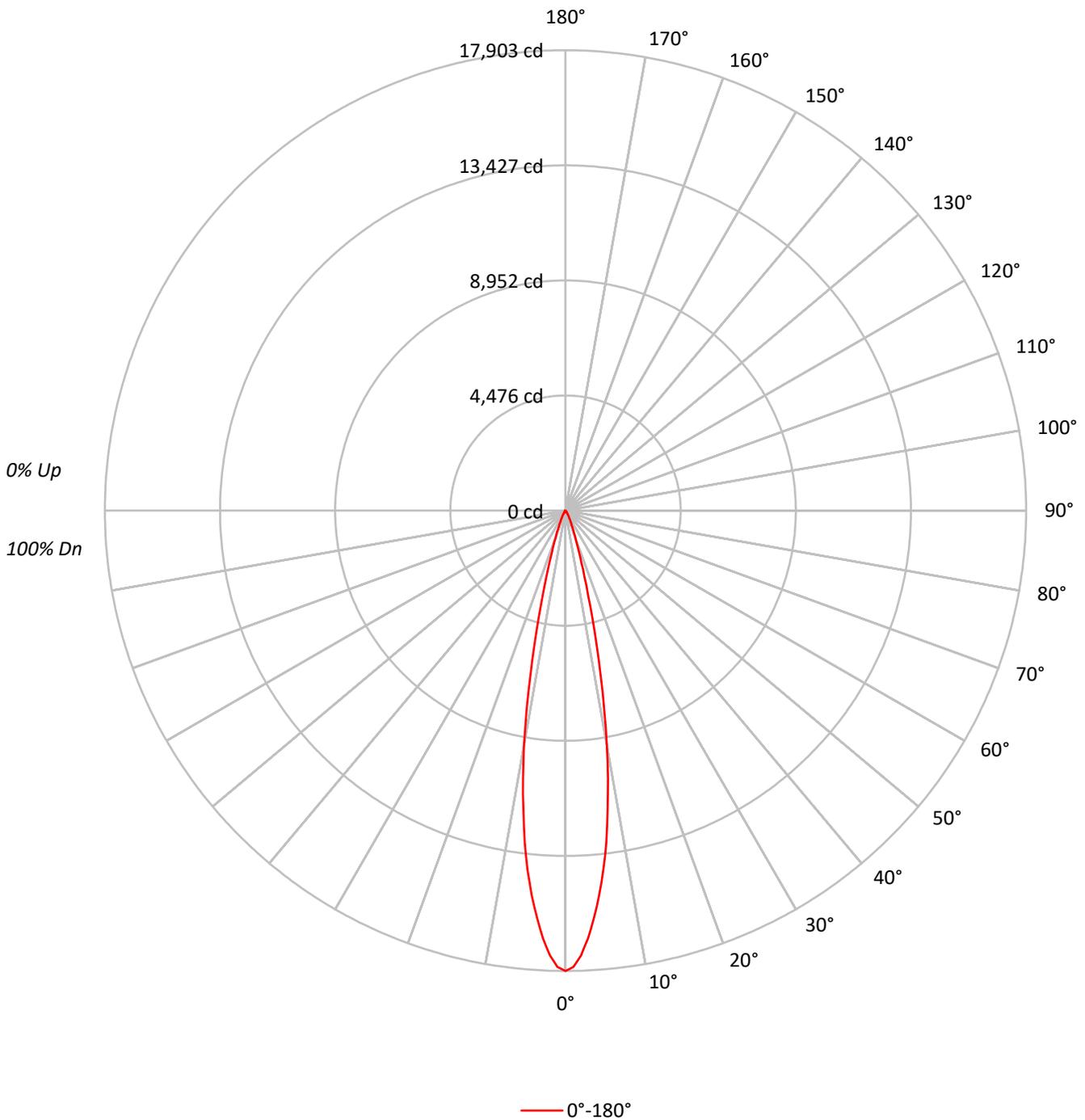
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2588.0 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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 | 100 | 100 |
| 1 | 115 | 114 | 112 | 110 | 113 | 111 | 110 | 108 | 107 | 106 | 105 | 104 | 103 | 102 | 100 | 100 | 99 | 97 | 97 | 97 |
| 2 | 112 | 109 | 106 | 104 | 110 | 107 | 105 | 103 | 104 | 102 | 101 | 101 | 100 | 98 | 99 | 98 | 96 | 95 | 95 | 95 |
| 3 | 109 | 105 | 102 | 99 | 107 | 104 | 101 | 98 | 101 | 99 | 97 | 99 | 97 | 95 | 97 | 95 | 94 | 93 | 93 | 93 |
| 4 | 106 | 101 | 98 | 95 | 105 | 100 | 97 | 95 | 99 | 96 | 94 | 97 | 95 | 93 | 95 | 93 | 92 | 91 | 91 | 91 |
| 5 | 104 | 98 | 95 | 92 | 102 | 98 | 94 | 92 | 96 | 93 | 91 | 95 | 92 | 90 | 93 | 91 | 90 | 89 | 89 | 89 |
| 6 | 101 | 96 | 92 | 89 | 100 | 95 | 92 | 89 | 94 | 91 | 89 | 93 | 90 | 88 | 92 | 89 | 88 | 87 | 87 | 87 |
| 7 | 99 | 93 | 90 | 87 | 98 | 93 | 89 | 87 | 92 | 89 | 86 | 91 | 88 | 86 | 90 | 87 | 86 | 85 | 85 | 85 |
| 8 | 97 | 91 | 87 | 85 | 96 | 91 | 87 | 85 | 90 | 87 | 85 | 89 | 86 | 84 | 88 | 86 | 84 | 83 | 83 | 83 |
| 9 | 95 | 89 | 85 | 83 | 94 | 89 | 85 | 83 | 88 | 85 | 83 | 87 | 84 | 83 | 87 | 84 | 82 | 81 | 81 | 81 |
| 10 | 93 | 87 | 84 | 81 | 92 | 87 | 83 | 81 | 86 | 83 | 81 | 86 | 83 | 81 | 85 | 83 | 81 | 80 | 80 | 80 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|---------|
| | 0° |
| 0° | 3925782 |
| 5° | 3305340 |
| 10° | 2064491 |
| 15° | 771832 |
| 20° | 264926 |
| 25° | 110426 |
| 30° | 52008 |
| 35° | 23289 |
| 40° | 11021 |
| 45° | 5644 |
| 50° | 2081 |
| 55° | 382 |
| 60° | 439 |
| 65° | 519 |
| 70° | 0 |
| 75° | 0 |
| 80° | 0 |
| 85° | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5644 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 1248.7 | 48.3 |
| 10°-20° | 1028.6 | 39.7 |
| 20°-30° | 233.7 | 9.0 |
| 30°-40° | 59.5 | 2.3 |
| 40°-50° | 14.9 | 0.6 |
| 50°-60° | 1.9 | 0.1 |
| 60°-70° | 0.6 | 0.0 |
| 70°-80° | 0.0 | 0.0 |
| 80°-90° | 0.0 | 0.0 |
| 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° | 2511.0 | 97.0 |
| 0°-40° | 2570.5 | 99.3 |
| 0°-60° | 2587.4 | 100.0 |
| 0°-90° | 2588.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2588.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-------|------|
| 0° | 17903 | |
| 5° | 15016 | ### |
| 15° | 3400 | 1029 |
| 25° | 456 | 234 |
| 35° | 87 | 60 |
| 45° | 18 | 15 |
| 55° | 1 | 2 |
| 65° | 1 | 1 |
| 75° | 0 | 0 |
| 85° | 0 | 0 |
| 90° | 0 | |

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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|---------|
| 0° | 17903.0 |
| 1° | 17751.2 |
| 2° | 17304.0 |
| 3° | 16662.5 |
| 4° | 15875.2 |
| 5° | 15016.2 |
| 6° | 14058.9 |
| 7° | 13002.5 |
| 8° | 11770.1 |
| 9° | 10548.7 |
| 10° | 9271.8 |
| 11° | 7912.8 |
| 12° | 6555.9 |
| 13° | 5406.4 |
| 14° | 4307.5 |
| 15° | 3399.9 |
| 16° | 2683.5 |
| 17° | 2116.8 |
| 18° | 1701.0 |
| 19° | 1383.2 |
| 20° | 1135.3 |
| 21° | 949.1 |
| 22° | 792.3 |
| 23° | 658.7 |
| 24° | 549.4 |
| 25° | 456.4 |
| 27.5° | 298.5 |
| 30° | 205.4 |
| 32.5° | 126.5 |
| 35° | 87.0 |
| 37.5° | 55.7 |
| 40° | 38.5 |
| 42.5° | 26.3 |
| 45° | 18.2 |
| 47.5° | 12.1 |
| 50° | 6.1 |
| 52.5° | 3.0 |
| 55° | 1.0 |
| 57.5° | 1.0 |
| 60° | 1.0 |
| 62.5° | 1.0 |
| 65° | 1.0 |
| 67.5° | 0.0 |
| 70° | 0.0 |
| 72.5° | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 0° |
|-------|-----|
| 75° | 0.0 |
| 77.5° | 0.0 |
| 80° | 0.0 |
| 82.5° | 0.0 |
| 85° | 0.0 |
| 87.5° | 0.0 |
| 90° | 0.0 |

(END OF REPORT)