

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: P1260979

Luminaire Tested: P3AS24R209050D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260979
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R209050D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

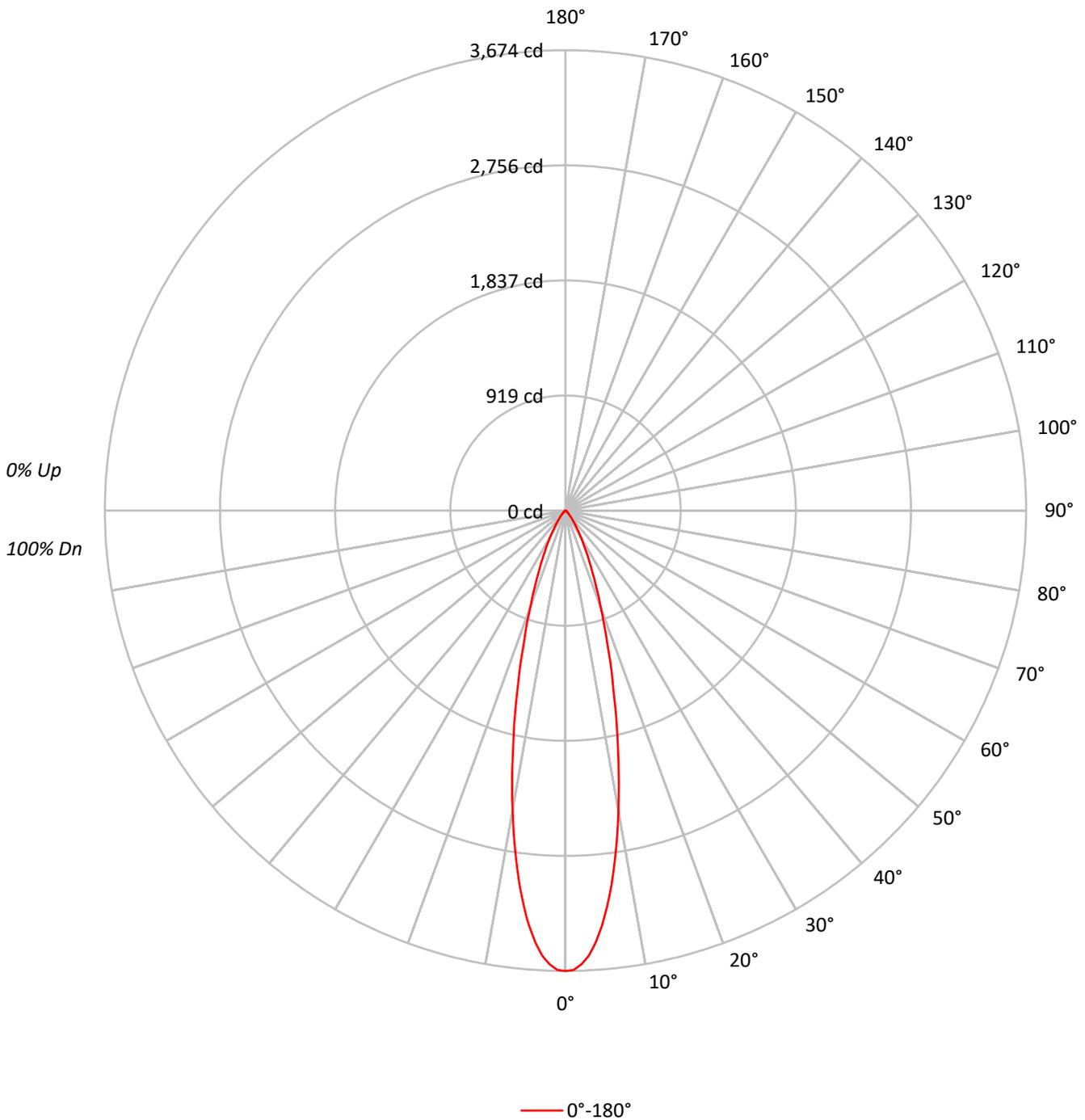
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1047.0 lumens
Efficiency: N/A
Efficacy: 36.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
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 | 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 | 106 | 102 | 100 | 108 | 104 | 101 | 98 | 101 | 98 | 96 | 98 | 96 | 94 | 95 | 94 | 92 | 91 | 91 | 91 | 91 |
| 3 | 106 | 100 | 96 | 93 | 104 | 99 | 95 | 92 | 97 | 93 | 91 | 94 | 92 | 89 | 92 | 90 | 88 | 87 | 87 | 87 | 87 |
| 4 | 102 | 96 | 91 | 88 | 100 | 95 | 90 | 87 | 92 | 89 | 86 | 91 | 88 | 85 | 89 | 86 | 84 | 83 | 83 | 83 | 83 |
| 5 | 98 | 91 | 87 | 83 | 97 | 90 | 86 | 83 | 89 | 85 | 82 | 87 | 84 | 81 | 86 | 83 | 81 | 79 | 79 | 79 | 79 |
| 6 | 95 | 87 | 83 | 79 | 93 | 87 | 82 | 79 | 85 | 81 | 78 | 84 | 81 | 78 | 83 | 80 | 77 | 76 | 76 | 76 | 76 |
| 7 | 91 | 84 | 79 | 76 | 90 | 83 | 79 | 76 | 82 | 78 | 75 | 81 | 78 | 75 | 80 | 77 | 75 | 73 | 73 | 73 | 73 |
| 8 | 88 | 81 | 76 | 73 | 87 | 80 | 76 | 73 | 79 | 75 | 72 | 78 | 75 | 72 | 78 | 74 | 72 | 71 | 71 | 71 | 71 |
| 9 | 85 | 78 | 73 | 70 | 85 | 77 | 73 | 70 | 77 | 73 | 70 | 76 | 72 | 69 | 75 | 72 | 69 | 68 | 68 | 68 | 68 |
| 10 | 83 | 75 | 71 | 68 | 82 | 75 | 70 | 67 | 74 | 70 | 67 | 73 | 70 | 67 | 73 | 69 | 67 | 66 | 66 | 66 | 66 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 805549 |
| 5° | 732268 |
| 10° | 541183 |
| 15° | 334781 |
| 20° | 191187 |
| 25° | 109143 |
| 30° | 61199 |
| 35° | 33301 |
| 40° | 18234 |
| 45° | 10048 |
| 50° | 5868 |
| 55° | 4244 |
| 60° | 3991 |
| 65° | 3684 |
| 70° | 3270 |
| 75° | 3389 |
| 80° | 2526 |
| 85° | 2516 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10048 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 288.1 | 27.5 |
| 10°-20° | 411.2 | 39.3 |
| 20°-30° | 214.7 | 20.5 |
| 30°-40° | 83.0 | 7.9 |
| 40°-50° | 26.9 | 2.6 |
| 50°-60° | 10.6 | 1.0 |
| 60°-70° | 7.0 | 0.7 |
| 70°-80° | 4.1 | 0.4 |
| 80°-90° | 1.4 | 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° | 914.0 | 87.3 |
| 0°-40° | 997.0 | 95.2 |
| 0°-60° | 1034.5 | 98.8 |
| 0°-90° | 1047.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1047.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 3674 | |
| 5° | 3327 | 288 |
| 15° | 1475 | 411 |
| 25° | 451 | 215 |
| 35° | 124 | 83 |
| 45° | 32 | 27 |
| 55° | 11 | 11 |
| 65° | 7 | 7 |
| 75° | 4 | 4 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 3673.6 |
| 1° | 3666.5 |
| 2° | 3623.0 |
| 3° | 3556.3 |
| 4° | 3453.1 |
| 5° | 3326.7 |
| 6° | 3177.0 |
| 7° | 3011.1 |
| 8° | 2818.9 |
| 9° | 2631.8 |
| 10° | 2430.5 |
| 12.5° | 1931.9 |
| 15° | 1474.7 |
| 17.5° | 1103.5 |
| 20° | 819.3 |
| 22.5° | 606.9 |
| 25° | 451.1 |
| 27.5° | 332.8 |
| 30° | 241.7 |
| 32.5° | 175.0 |
| 35° | 124.4 |
| 37.5° | 90.0 |
| 40° | 63.7 |
| 42.5° | 45.5 |
| 45° | 32.4 |
| 47.5° | 23.3 |
| 50° | 17.2 |
| 52.5° | 13.1 |
| 55° | 11.1 |
| 57.5° | 10.1 |
| 60° | 9.1 |
| 62.5° | 8.1 |
| 65° | 7.1 |
| 67.5° | 6.1 |
| 70° | 5.1 |
| 72.5° | 5.1 |
| 75° | 4.0 |
| 77.5° | 3.0 |
| 80° | 2.0 |
| 82.5° | 2.0 |
| 85° | 1.0 |
| 87.5° | 1.0 |
| 90° | 0.0 |

(END OF REPORT)