

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: P1267224

Luminaire Tested: P3AS09R659735DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267224
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R659735DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

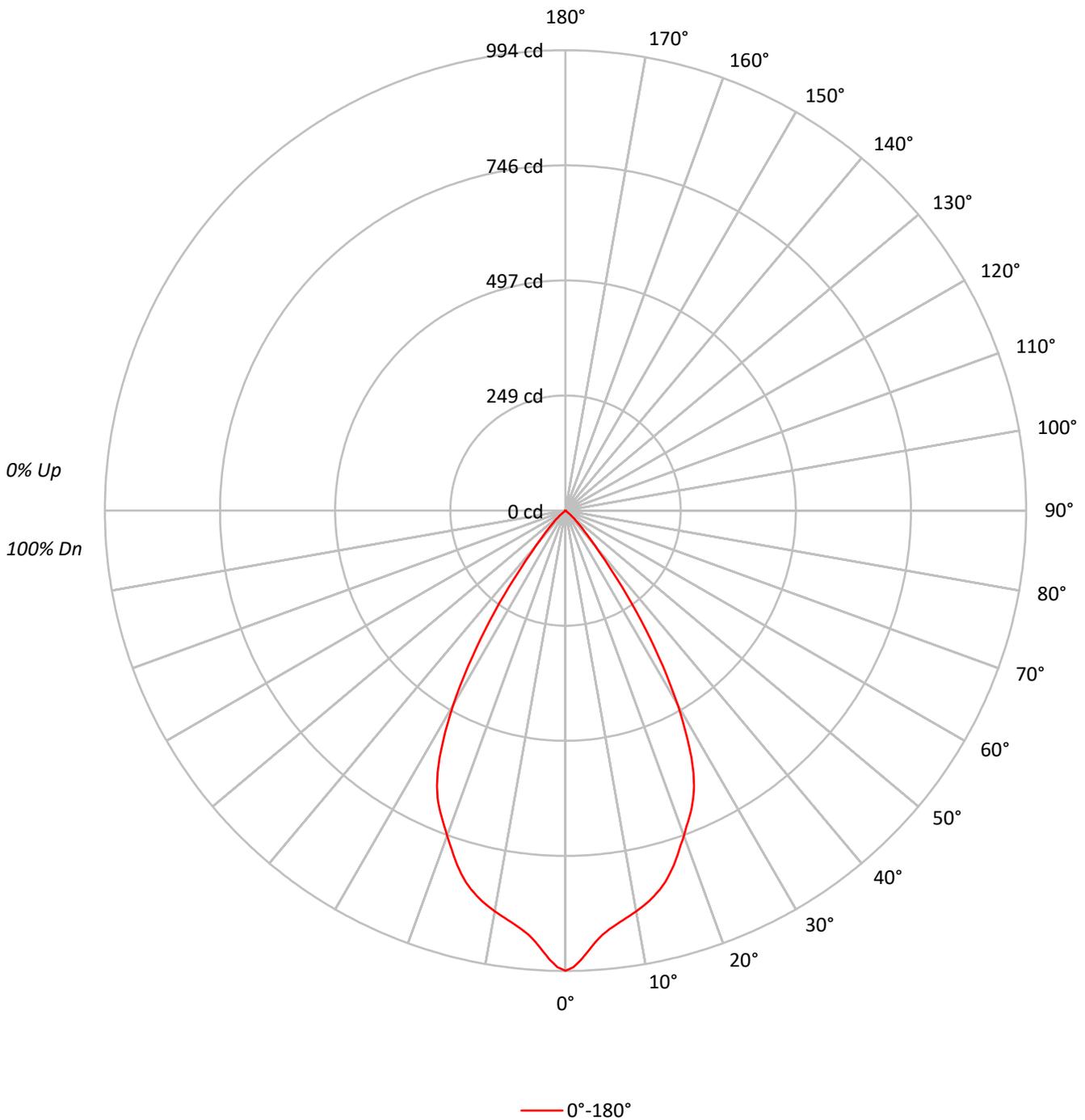
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 813.0 lumens
Efficiency: N/A
Efficacy: 73.2 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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 | 114 | 111 | 109 | 106 | 111 | 109 | 107 | 105 | 105 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 96 | 94 | | | |
| 2 | 108 | 104 | 100 | 96 | 106 | 102 | 98 | 95 | 99 | 96 | 93 | 96 | 93 | 91 | 93 | 91 | 89 | 88 | | | |
| 3 | 103 | 97 | 92 | 88 | 101 | 95 | 91 | 88 | 93 | 89 | 86 | 90 | 87 | 85 | 88 | 86 | 83 | 82 | | | |
| 4 | 98 | 91 | 85 | 81 | 96 | 90 | 85 | 81 | 87 | 83 | 80 | 85 | 82 | 79 | 84 | 81 | 78 | 77 | | | |
| 5 | 93 | 85 | 79 | 75 | 92 | 84 | 79 | 75 | 82 | 78 | 74 | 81 | 77 | 74 | 79 | 76 | 73 | 72 | | | |
| 6 | 89 | 80 | 74 | 70 | 87 | 79 | 74 | 70 | 78 | 73 | 69 | 76 | 72 | 69 | 75 | 71 | 68 | 67 | | | |
| 7 | 84 | 75 | 70 | 65 | 83 | 75 | 69 | 65 | 73 | 69 | 65 | 72 | 68 | 65 | 71 | 67 | 64 | 63 | | | |
| 8 | 80 | 71 | 65 | 61 | 79 | 71 | 65 | 61 | 69 | 64 | 61 | 68 | 64 | 61 | 67 | 63 | 60 | 59 | | | |
| 9 | 77 | 67 | 61 | 58 | 76 | 67 | 61 | 57 | 66 | 61 | 57 | 65 | 60 | 57 | 64 | 60 | 57 | 56 | | | |
| 10 | 73 | 64 | 58 | 54 | 72 | 63 | 58 | 54 | 62 | 57 | 54 | 62 | 57 | 54 | 61 | 57 | 54 | 52 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 217855 |
| 5° | 202289 |
| 10° | 195610 |
| 15° | 188514 |
| 20° | 174292 |
| 25° | 158791 |
| 30° | 122677 |
| 35° | 71126 |
| 40° | 28224 |
| 45° | 12032 |
| 50° | 2866 |
| 55° | 382 |
| 60° | 307 |
| 65° | 156 |
| 70° | 192 |
| 75° | 0 |
| 80° | 0 |
| 85° | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12032 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 86.7 | 10.7 |
| 10°-20° | 231.4 | 28.5 |
| 20°-30° | 292.9 | 36.0 |
| 30°-40° | 166.8 | 20.5 |
| 40°-50° | 33.1 | 4.1 |
| 50°-60° | 1.7 | 0.2 |
| 60°-70° | 0.4 | 0.1 |
| 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° | 610.9 | 75.1 |
| 0°-40° | 777.7 | 95.7 |
| 0°-60° | 812.5 | 99.9 |
| 0°-90° | 813.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 813.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 994 | |
| 5° | 919 | 87 |
| 15° | 830 | 231 |
| 25° | 656 | 293 |
| 35° | 266 | 167 |
| 45° | 39 | 33 |
| 55° | 1 | 2 |
| 65° | 0 | 0 |
| 75° | 0 | 0 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 993.5 |
| 1° | 986.1 |
| 2° | 970.1 |
| 3° | 951.4 |
| 4° | 933.0 |
| 5° | 919.0 |
| 6° | 908.6 |
| 7° | 900.2 |
| 8° | 892.9 |
| 9° | 885.5 |
| 10° | 878.5 |
| 11° | 870.8 |
| 12° | 862.8 |
| 13° | 853.1 |
| 14° | 842.8 |
| 15° | 830.4 |
| 16° | 815.7 |
| 17° | 799.7 |
| 18° | 782.3 |
| 19° | 763.9 |
| 20° | 746.9 |
| 21° | 729.5 |
| 22° | 713.8 |
| 23° | 697.4 |
| 24° | 678.4 |
| 25° | 656.3 |
| 26° | 629.9 |
| 27° | 598.2 |
| 28° | 562.4 |
| 29° | 524.3 |
| 30° | 484.5 |
| 31° | 440.8 |
| 32° | 397.3 |
| 32.5° | 374.9 |
| 33° | 353.2 |
| 34° | 309.1 |
| 35° | 265.7 |
| 36° | 225.6 |
| 37° | 185.8 |
| 37.5° | 165.4 |
| 38° | 149.0 |
| 39° | 120.6 |
| 40° | 98.6 |
| 42.5° | 60.8 |
| 45° | 38.8 |



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CANDELA DISTRIBUTION (continued):

| | 0° |
|-------|------|
| 47.5° | 22.7 |
| 50° | 8.4 |
| 52.5° | 1.7 |
| 55° | 1.0 |
| 57.5° | 0.7 |
| 60° | 0.7 |
| 62.5° | 0.7 |
| 65° | 0.3 |
| 67.5° | 0.3 |
| 70° | 0.3 |
| 72.5° | 0.0 |
| 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)