Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1262654

Luminaire Tested: P3AS13R259727DE010 E3DL1WMH

Issue Date: 1/30/2026

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Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-2019 |
| Report Number: | P1262654 |
| | TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11) |
| Test Lab: | INNOVATION CENTER |
| Issue Date: | 1/30/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS |
| Product Line: | IRiS |
| Catalog Number: | P3AS13R259727DE010 E3DL1WMH |
| Description: | 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM |
| Light Source: | - |
| Ballast/Driver: | - |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 852.0 lumens |
| Efficiency: | N/A |
| Efficacy: | 58.4 lumens/watt |
| Spacing Criteria (0/90/45): | 0.49 / 0.49 / 0.51 |
| Luminous Opening: | Circular (Dia: 0.25' x H: 0') |
| CIE Type: | Direct |

| | |
|---|---|
| Input Watts (W): | 14.6 |
| 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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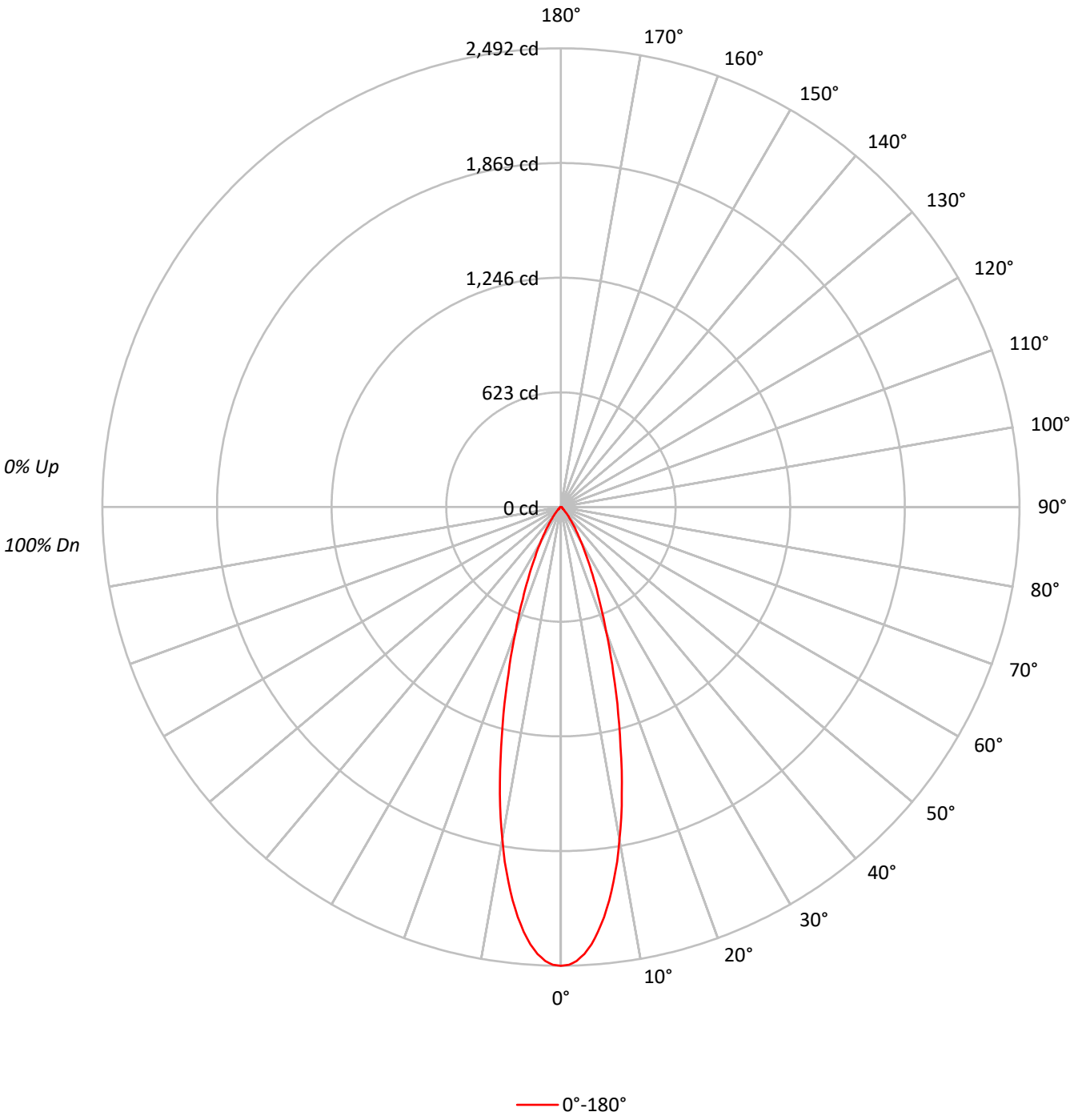
## Luminous Intensity Polar Plot



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## COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| RF | 20 | | | | 20 | | | | 20 | | | 20 | | | 20 | | | 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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 95 |
| 2 | 110 | 105 | 102 | 99 | 107 | 104 | 101 | 98 | 101 | 98 | 96 | 98 | 96 | 94 | 95 | 93 | 92 | 90 |
| 3 | 105 | 100 | 96 | 92 | 103 | 98 | 95 | 91 | 96 | 93 | 90 | 94 | 91 | 89 | 91 | 89 | 87 | 86 |
| 4 | 101 | 95 | 90 | 87 | 99 | 94 | 89 | 86 | 92 | 88 | 85 | 90 | 87 | 84 | 88 | 85 | 83 | 82 |
| 5 | 97 | 90 | 85 | 82 | 96 | 89 | 85 | 81 | 88 | 84 | 81 | 86 | 83 | 80 | 85 | 82 | 79 | 78 |
| 6 | 94 | 86 | 81 | 78 | 92 | 86 | 81 | 78 | 84 | 80 | 77 | 83 | 79 | 77 | 82 | 78 | 76 | 75 |
| 7 | 90 | 83 | 78 | 74 | 89 | 82 | 77 | 74 | 81 | 77 | 74 | 80 | 76 | 73 | 79 | 75 | 73 | 72 |
| 8 | 87 | 79 | 74 | 71 | 86 | 79 | 74 | 71 | 78 | 74 | 71 | 77 | 73 | 70 | 76 | 73 | 70 | 69 |
| 9 | 84 | 76 | 71 | 68 | 83 | 76 | 71 | 68 | 75 | 71 | 68 | 74 | 70 | 68 | 73 | 70 | 67 | 66 |
| 10 | 81 | 73 | 69 | 65 | 80 | 73 | 68 | 65 | 72 | 68 | 65 | 72 | 68 | 65 | 71 | 67 | 65 | 64 |

## AVERAGE LUMINANCE (cd/sqm):

| | 0° |
|---|---|
| 0° | 546535 |
| 5° | 509904 |
| 10° | 408476 |
| 15° | 277255 |
| 20° | 167781 |
| 25° | 98111 |
| 30° | 55882 |
| 35° | 30731 |
| 40° | 16316 |
| 45° | 8590 |
| 50° | 5015 |
| 55° | 3747 |
| 60° | 3201 |
| 65° | 3373 |
| 70° | 3142 |
| 75° | 2796 |
| 80° | 2020 |
| 85° | 2013 |

## MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8590 cd/sqm

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**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 205.6 | 24.1 |
| 10°-20° | 335.8 | 39.4 |
| 20°-30° | 191.9 | 22.5 |
| 30°-40° | 75.7 | 8.9 |
| 40°-50° | 23.2 | 2.7 |
| 50°-60° | 9.2 | 1.1 |
| 60°-70° | 6.1 | 0.7 |
| 70°-80° | 3.4 | 0.4 |
| 80°-90° | 1.1 | 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° | 733.2 | 86.1 |
| 0°-40° | 808.9 | 94.9 |
| 0°-60° | 841.3 | 98.7 |
| 0°-90° | 852.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 852.0 | 100.0 |

**CANDELA DISTRIBUTION:**

| | 0° | Flux |
|---|---|---|
| 0° | 2492 | |
| 5° | 2316 | 206 |
| 15° | 1221 | 336 |
| 25° | 406 | 192 |
| 35° | 115 | 76 |
| 45° | 28 | 23 |
| 55° | 10 | 9 |
| 65° | 6 | 6 |
| 75° | 3 | 3 |
| 85° | 1 | 1 |
| 90° | 0 | |

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**CANDELA DISTRIBUTION (FULL):**

| | 0° |
|---|---|
| 0° | 2492.4 |
| 1° | 2487.5 |
| 2° | 2467.1 |
| 3° | 2431.3 |
| 4° | 2381.6 |
| 5° | 2316.5 |
| 6° | 2239.9 |
| 7° | 2153.6 |
| 8° | 2053.5 |
| 9° | 1950.9 |
| 10° | 1834.5 |
| 11° | 1719.7 |
| 12° | 1593.4 |
| 13° | 1468.9 |
| 14° | 1341.0 |
| 15° | 1221.3 |
| 17.5° | 946.9 |
| 20° | 719.0 |
| 22.5° | 539.8 |
| 25° | 405.5 |
| 27.5° | 300.5 |
| 30° | 220.7 |
| 32.5° | 159.6 |
| 35° | 114.8 |
| 37.5° | 81.4 |
| 40° | 57.0 |
| 42.5° | 39.1 |
| 45° | 27.7 |
| 47.5° | 19.5 |
| 50° | 14.7 |
| 52.5° | 11.4 |
| 55° | 9.8 |
| 57.5° | 9.0 |
| 60° | 7.3 |
| 62.5° | 6.5 |
| 65° | 6.5 |
| 67.5° | 5.7 |
| 70° | 4.9 |
| 72.5° | 4.1 |
| 75° | 3.3 |
| 77.5° | 2.4 |
| 80° | 1.6 |
| 82.5° | 1.6 |
| 85° | 0.8 |
| 87.5° | 0.8 |

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**CANDELA DISTRIBUTION (continued):**

| | 0° |
|---|---|
| 90° | *0.0* |

(END OF REPORT)