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: P1300423

Luminaire Tested: P3AS17R30W2N902765DE010 E3DLP1WMH_4000K

Issue Date: 1/30/2026

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Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-2019 |
| Report Number: | P1300423 |
| | TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13) |
| Test Lab: | INNOVATION CENTER |
| Issue Date: | 1/30/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS |
| Product Line: | IRiS |
| Catalog Number: | P3AS17R30W2N902765DE010 E3DLP1WMH_4000K |
| Description: | 3in Adjustable Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLP1WMH TRIM |
| Light Source: | - |
| Ballast/Driver: | - |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 782.0 lumens |
| Efficiency: | N/A |
| Efficacy: | 40.3 lumens/watt |
| Spacing Criteria (0/90/45): | 0.66 / 0.66 / 0.7 |
| Luminous Opening: | Circular (Dia: 0.25' x H: 0') |
| CIE Type: | Direct |

| | |
|---|---|
| Input Watts (W): | 19.4 |
| 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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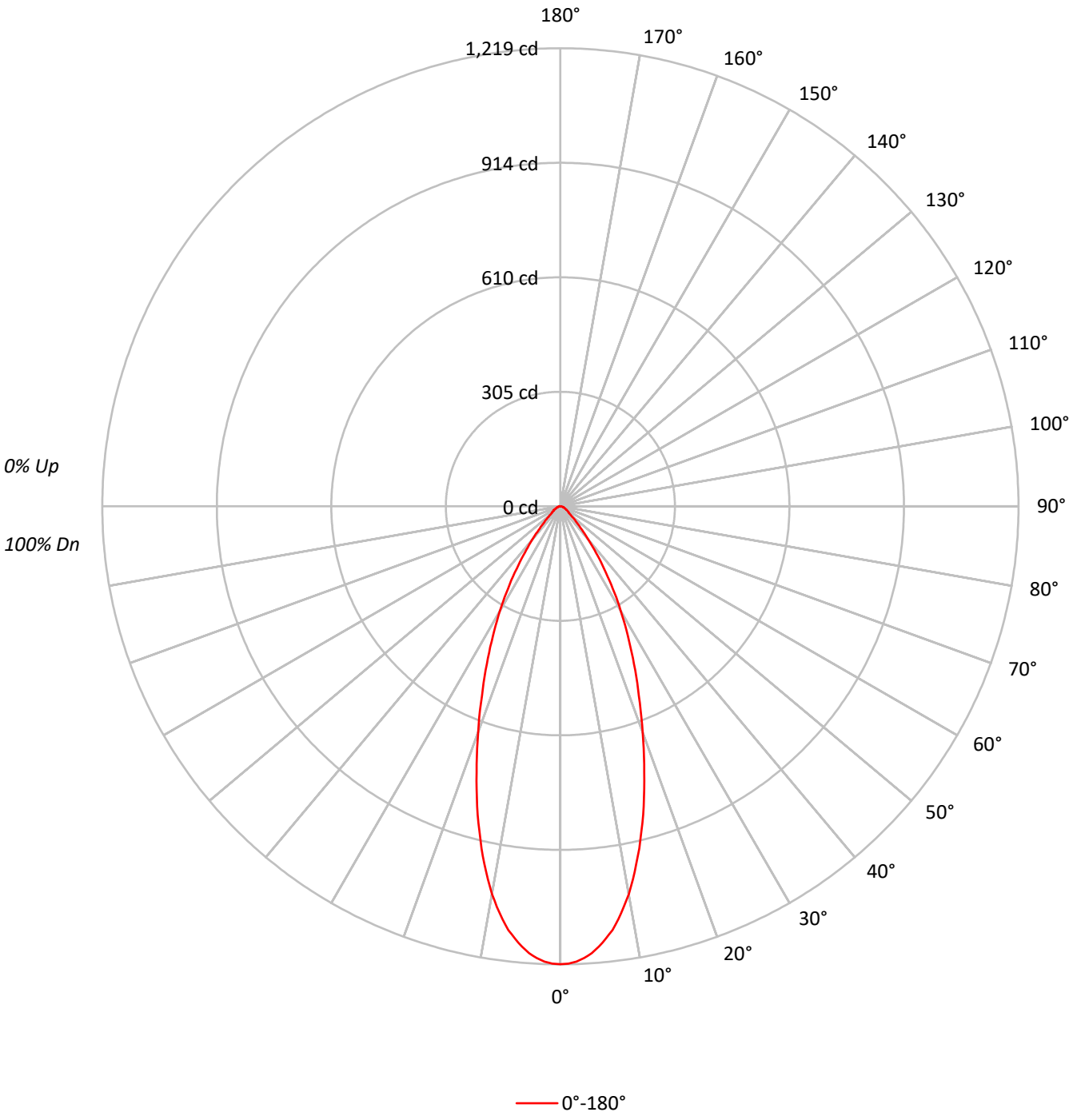
## Luminous Intensity Polar Plot



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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 | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 | 100 | 99 | 97 | 97 | 96 | 95 | 93 |
| 2 | 107 | 102 | 98 | 95 | 105 | 101 | 97 | 94 | 97 | 94 | 92 | 94 | 92 | 90 | 92 | 90 | 88 | 86 |
| 3 | 102 | 95 | 90 | 86 | 100 | 94 | 89 | 85 | 91 | 87 | 84 | 89 | 86 | 83 | 87 | 84 | 82 | 80 |
| 4 | 97 | 89 | 84 | 79 | 95 | 88 | 83 | 79 | 86 | 81 | 78 | 84 | 80 | 77 | 82 | 79 | 76 | 74 |
| 5 | 92 | 84 | 78 | 73 | 90 | 83 | 77 | 73 | 81 | 76 | 72 | 79 | 75 | 72 | 78 | 74 | 71 | 70 |
| 6 | 88 | 79 | 73 | 68 | 86 | 78 | 72 | 68 | 76 | 71 | 68 | 75 | 71 | 67 | 74 | 70 | 67 | 65 |
| 7 | 83 | 74 | 68 | 64 | 82 | 74 | 68 | 64 | 72 | 67 | 63 | 71 | 67 | 63 | 70 | 66 | 63 | 61 |
| 8 | 80 | 70 | 64 | 60 | 78 | 70 | 64 | 60 | 69 | 63 | 60 | 67 | 63 | 60 | 67 | 62 | 59 | 58 |
| 9 | 76 | 67 | 61 | 57 | 75 | 66 | 60 | 57 | 65 | 60 | 56 | 64 | 60 | 56 | 63 | 59 | 56 | 55 |
| 10 | 73 | 63 | 58 | 54 | 72 | 63 | 57 | 54 | 62 | 57 | 54 | 61 | 57 | 53 | 61 | 56 | 53 | 52 |

## AVERAGE LUMINANCE (cd/sqm):

| | 0° |
|---|---|
| 0° | 267215 |
| 5° | 258903 |
| 10° | 233284 |
| 15° | 192964 |
| 20° | 149393 |
| 25° | 112071 |
| 30° | 81354 |
| 35° | 54208 |
| 40° | 33320 |
| 45° | 19568 |
| 50° | 12008 |
| 55° | 9749 |
| 60° | 8508 |
| 65° | 6901 |
| 70° | 6219 |
| 75° | 6185 |
| 80° | 4546 |
| 85° | 6038 |

## MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 19568 cd/sqm

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**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 108.2 | 13.8 |
| 10°-20° | 234.1 | 29.9 |
| 20°-30° | 213.0 | 27.2 |
| 30°-40° | 128.8 | 16.5 |
| 40°-50° | 51.7 | 6.6 |
| 50°-60° | 22.9 | 2.9 |
| 60°-70° | 13.8 | 1.8 |
| 70°-80° | 7.5 | 1.0 |
| 80°-90° | 2.1 | 0.3 |
| 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° | 555.3 | 71.0 |
| 0°-40° | 684.1 | 87.5 |
| 0°-60° | 758.6 | 97.0 |
| 0°-90° | 782.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 782.0 | 100.0 |

**CANDELA DISTRIBUTION:**

| | 0° | Flux |
|---|---|---|
| 0° | 1219 | |
| 5° | 1176 | 108 |
| 15° | 850 | 234 |
| 25° | 463 | 213 |
| 35° | 202 | 129 |
| 45° | 63 | 52 |
| 55° | 26 | 23 |
| 65° | 13 | 14 |
| 75° | 7 | 8 |
| 85° | 2 | 2 |
| 90° | 0 | |

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**CANDELA DISTRIBUTION (FULL):**

| | 0° |
|---|---|
| 0° | 1218.6 |
| 1° | 1217.4 |
| 2° | 1212.6 |
| 3° | 1204.1 |
| 4° | 1192.0 |
| 5° | 1176.2 |
| 6° | 1156.8 |
| 7° | 1136.2 |
| 8° | 1109.5 |
| 9° | 1079.2 |
| 10° | 1047.7 |
| 11° | 1011.3 |
| 12° | 972.5 |
| 13° | 933.7 |
| 14° | 891.2 |
| 15° | 850.0 |
| 17.5° | 742.1 |
| 20° | 640.2 |
| 22.5° | 545.7 |
| 25° | 463.2 |
| 27.5° | 388.0 |
| 30° | 321.3 |
| 32.5° | 259.5 |
| 35° | 202.5 |
| 37.5° | 155.2 |
| 40° | 116.4 |
| 42.5° | 84.9 |
| 45° | 63.1 |
| 47.5° | 47.3 |
| 50° | 35.2 |
| 52.5° | 27.9 |
| 55° | 25.5 |
| 57.5° | 21.8 |
| 60° | 19.4 |
| 62.5° | 15.8 |
| 65° | 13.3 |
| 67.5° | 12.1 |
| 70° | 9.7 |
| 72.5° | 8.5 |
| 75° | 7.3 |
| 77.5° | 6.1 |
| 80° | 3.6 |
| 82.5° | 2.4 |
| 85° | 2.4 |
| 87.5° | 1.2 |

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**CANDELA DISTRIBUTION (continued):**

| | 0° |
|---|---|
| 90° | *0.0* |

(END OF REPORT)