

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: P1270293

Luminaire Tested: P3AS17R509740DE010 E3DLP1WH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1270293  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R509740DE010 E3DLP1WH  
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 97CRI , E3DLP1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

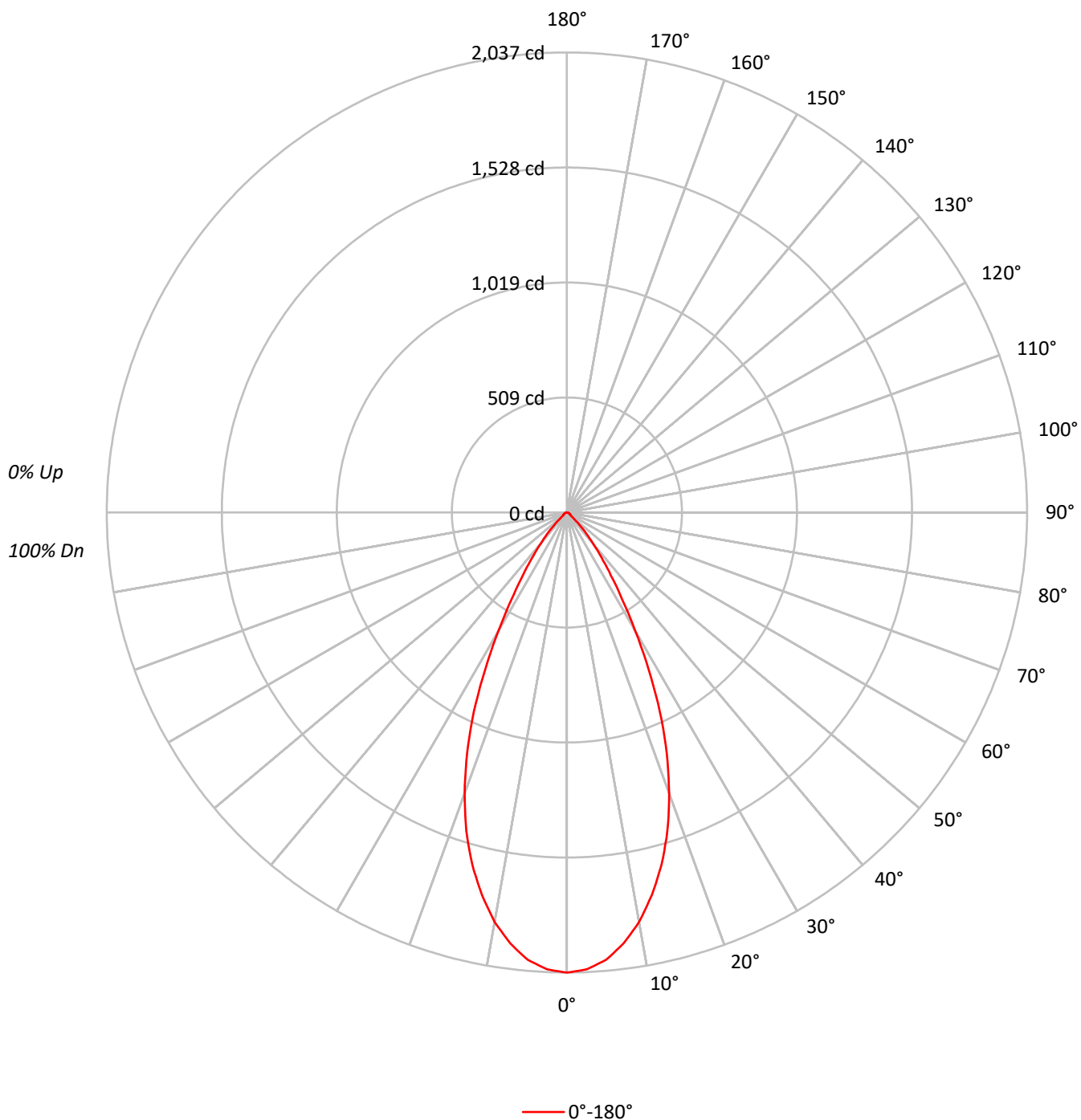
Lumens per Lamp: N/A  
Luminaire Lumens: 1403.0 lumens  
Efficiency: N/A  
Efficacy: 66.2 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 21.2  
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  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 50  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 |
| 1   | 114 | 111 | 108 | 106 | 111 | 109 | 106 | 104 | 105 | 103 | 101 |  | 101 | 99  | 98  |  | 97  |
| 2   | 108 | 103 | 99  | 96  | 106 | 102 | 98  | 95  | 98  | 95  | 93  |  | 95  | 93  | 91  |  | 93  |
| 3   | 103 | 97  | 92  | 88  | 101 | 95  | 91  | 87  | 93  | 89  | 86  |  | 90  | 87  | 84  |  | 88  |
| 4   | 98  | 91  | 85  | 81  | 96  | 90  | 85  | 81  | 87  | 83  | 80  |  | 85  | 82  | 79  |  | 84  |
| 5   | 93  | 85  | 80  | 75  | 92  | 84  | 79  | 75  | 83  | 78  | 74  |  | 81  | 77  | 74  |  | 79  |
| 6   | 89  | 80  | 75  | 71  | 88  | 80  | 74  | 70  | 78  | 73  | 70  |  | 77  | 73  | 69  |  | 75  |
| 7   | 85  | 76  | 70  | 66  | 84  | 75  | 70  | 66  | 74  | 69  | 66  |  | 73  | 69  | 65  |  | 72  |
| 8   | 81  | 72  | 66  | 62  | 80  | 71  | 66  | 62  | 70  | 65  | 62  |  | 69  | 65  | 62  |  | 68  |
| 9   | 78  | 68  | 63  | 59  | 76  | 68  | 62  | 59  | 67  | 62  | 59  |  | 66  | 62  | 58  |  | 65  |
| 10  | 74  | 65  | 59  | 56  | 73  | 65  | 59  | 56  | 64  | 59  | 55  |  | 63  | 58  | 55  |  | 62  |

**AVERAGE LUMINANCE (cd/sqm):**

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 446697 |
| 5°  | 437683 |
| 10° | 409968 |
| 15° | 367017 |
| 20° | 308844 |
| 25° | 235731 |
| 30° | 153188 |
| 35° | 90828  |
| 40° | 52498  |
| 45° | 26297  |
| 50° | 9791   |
| 55° | 7646   |
| 60° | 7105   |
| 65° | 6486   |
| 70° | 6411   |
| 75° | 6354   |
| 80° | 6314   |
| 85° | 6290   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26297 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 185.0  | 13.2      |
| 10°-20°   | 447.1  | 31.9      |
| 20°-30°   | 438.6  | 31.3      |
| 30°-40°   | 221.0  | 15.7      |
| 40°-50°   | 69.8   | 5.0       |
| 50°-60°   | 18.1   | 1.3       |
| 60°-70°   | 12.8   | 0.9       |
| 70°-80°   | 7.9    | 0.6       |
| 80°-90°   | 2.7    | 0.2       |
| 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       |
| <hr/>     |        |           |
| 0°-30°    | 1070.7 | 76.3      |
| 0°-40°    | 1291.7 | 92.1      |
| 0°-60°    | 1379.6 | 98.3      |
| 0°-90°    | 1403.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1403.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 2037 |      |
| 5°  | 1988 | 185  |
| 15° | 1617 | 447  |
| 25° | 974  | 439  |
| 35° | 339  | 221  |
| 45° | 85   | 70   |
| 55° | 20   | 18   |
| 65° | 12   | 13   |
| 75° | 8    | 8    |
| 85° | 2    | 3    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 2037.1 |
| 2.5°  | 2024.6 |
| 5°    | 1988.4 |
| 7.5°  | 1923.6 |
| 10°   | 1841.2 |
| 12.5° | 1735.2 |
| 15°   | 1616.7 |
| 17.5° | 1479.5 |
| 20°   | 1323.5 |
| 22.5° | 1155.1 |
| 25°   | 974.3  |
| 27.5° | 782.1  |
| 30°   | 605.0  |
| 32.5° | 455.3  |
| 35°   | 339.3  |
| 37.5° | 250.7  |
| 40°   | 183.4  |
| 42.5° | 129.7  |
| 45°   | 84.8   |
| 47.5° | 48.7   |
| 50°   | 28.7   |
| 52.5° | 21.2   |
| 55°   | 20.0   |
| 57.5° | 17.5   |
| 60°   | 16.2   |
| 62.5° | 15.0   |
| 65°   | 12.5   |
| 67.5° | 11.2   |
| 70°   | 10.0   |
| 72.5° | 8.7    |
| 75°   | 7.5    |
| 77.5° | 6.2    |
| 80°   | 5.0    |
| 82.5° | 3.7    |
| 85°   | 2.5    |
| 87.5° | 1.2    |
| 90°   | 0.0    |

(END OF REPORT)