

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: P1268238

Luminaire Tested: P3AS20R409735D010 E3DLP1WH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1268238  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R409735D010 E3DLP1WH  
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 97CRI , E3DLP1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

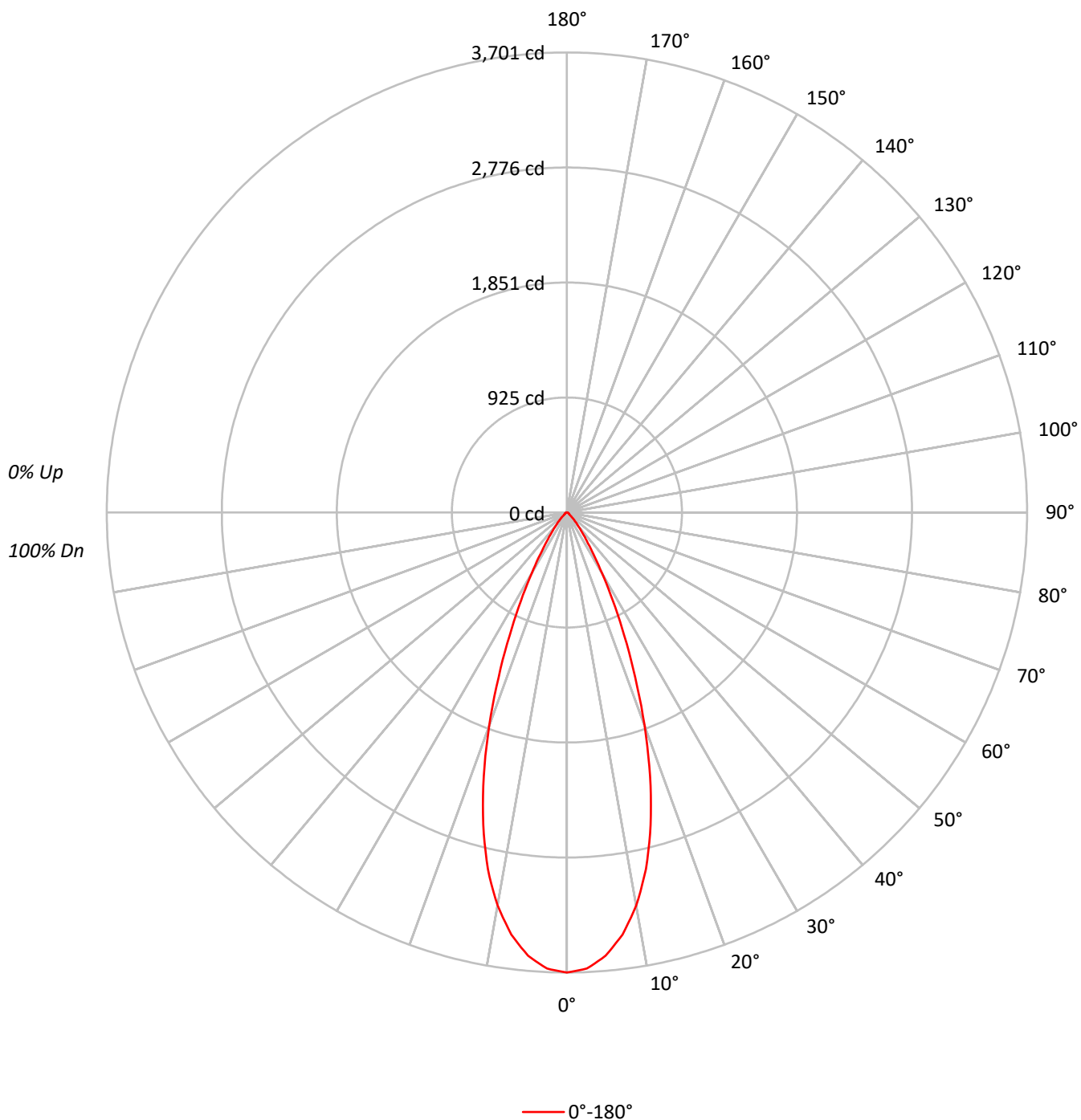
Lumens per Lamp: N/A  
Luminaire Lumens: 1834.0 lumens  
Efficiency: N/A  
Efficacy: 63.7 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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  |
| 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 | 109 | 107 | 112 | 109 | 107 | 105 | 105 | 104 | 102 |  | 102 | 100 | 99  |  | 98  |
| 2   | 109 | 105 | 101 | 98  | 107 | 103 | 100 | 97  | 100 | 97  | 95  |  | 97  | 95  | 93  |  | 94  |
| 3   | 104 | 99  | 94  | 91  | 102 | 97  | 93  | 90  | 95  | 91  | 88  |  | 92  | 89  | 87  |  | 90  |
| 4   | 100 | 93  | 88  | 85  | 98  | 92  | 88  | 84  | 90  | 86  | 83  |  | 88  | 85  | 82  |  | 86  |
| 5   | 96  | 88  | 83  | 79  | 94  | 88  | 83  | 79  | 86  | 82  | 78  |  | 84  | 81  | 78  |  | 83  |
| 6   | 92  | 84  | 79  | 75  | 91  | 83  | 78  | 75  | 82  | 78  | 74  |  | 81  | 77  | 74  |  | 79  |
| 7   | 88  | 80  | 75  | 71  | 87  | 79  | 74  | 71  | 78  | 74  | 71  |  | 77  | 73  | 70  |  | 76  |
| 8   | 85  | 76  | 71  | 68  | 84  | 76  | 71  | 67  | 75  | 70  | 67  |  | 74  | 70  | 67  |  | 73  |
| 9   | 82  | 73  | 68  | 64  | 81  | 73  | 68  | 64  | 72  | 67  | 64  |  | 71  | 67  | 64  |  | 70  |
| 10  | 78  | 70  | 65  | 62  | 78  | 70  | 65  | 61  | 69  | 64  | 61  |  | 68  | 64  | 61  |  | 67  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 811536 |
| 5°  | 787957 |
| 10° | 715039 |
| 15° | 590718 |
| 20° | 426104 |
| 25° | 263556 |
| 30° | 142706 |
| 35° | 73749  |
| 40° | 40104  |
| 45° | 22452  |
| 50° | 11292  |
| 55° | 8411   |
| 60° | 7587   |
| 65° | 7368   |
| 70° | 7052   |
| 75° | 6693   |
| 80° | 5935   |
| 85° | 4026   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22452 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 330.0  | 18.0      |
| 10°-20°   | 708.6  | 38.6      |
| 20°-30°   | 505.7  | 27.6      |
| 30°-40°   | 186.2  | 10.2      |
| 40°-50°   | 58.6   | 3.2       |
| 50°-60°   | 20.4   | 1.1       |
| 60°-70°   | 14.0   | 0.8       |
| 70°-80°   | 8.3    | 0.5       |
| 80°-90°   | 2.4    | 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       |
| <hr/>     |        |           |
| 0°-30°    | 1544.2 | 84.2      |
| 0°-40°    | 1730.3 | 94.3      |
| 0°-60°    | 1809.3 | 98.7      |
| 0°-90°    | 1834.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1834.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 3701 |      |
| 5°  | 3580 | 330  |
| 15° | 2602 | 709  |
| 25° | 1089 | 506  |
| 35° | 276  | 186  |
| 45° | 72   | 59   |
| 55° | 22   | 20   |
| 65° | 14   | 14   |
| 75° | 8    | 8    |
| 85° | 2    | 2    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 3700.9 |
| 2.5°  | 3672.5 |
| 5°    | 3579.7 |
| 7.5°  | 3425.4 |
| 10°   | 3211.3 |
| 12.5° | 2939.0 |
| 15°   | 2602.1 |
| 17.5° | 2224.3 |
| 20°   | 1826.0 |
| 22.5° | 1434.1 |
| 25°   | 1089.3 |
| 27.5° | 799.7  |
| 30°   | 563.6  |
| 32.5° | 395.1  |
| 35°   | 275.5  |
| 37.5° | 195.2  |
| 40°   | 140.1  |
| 42.5° | 100.7  |
| 45°   | 72.4   |
| 47.5° | 48.8   |
| 50°   | 33.1   |
| 52.5° | 23.6   |
| 55°   | 22.0   |
| 57.5° | 20.5   |
| 60°   | 17.3   |
| 62.5° | 15.7   |
| 65°   | 14.2   |
| 67.5° | 12.6   |
| 70°   | 11.0   |
| 72.5° | 9.4    |
| 75°   | 7.9    |
| 77.5° | 6.3    |
| 80°   | 4.7    |
| 82.5° | 3.1    |
| 85°   | 1.6    |
| 87.5° | 1.6    |
| 90°   | 0.0    |

(END OF REPORT)