

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: P1265467

Luminaire Tested: P3AS17R409730DE010 E3DL1LI

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1265467  
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: P3AS17R409730DE010 E3DL1LI  
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

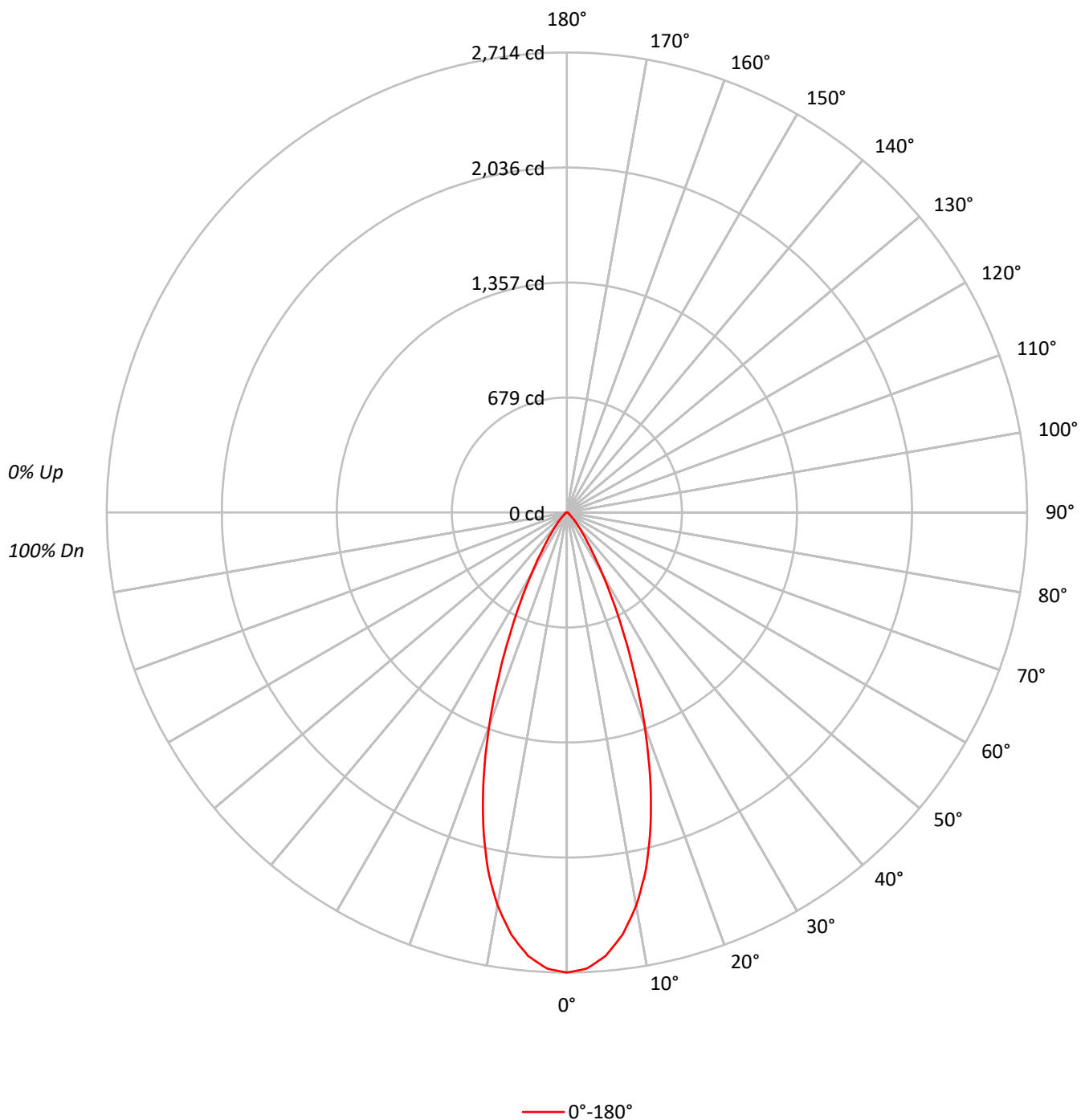
Lumens per Lamp: N/A  
Luminaire Lumens: 1345.0 lumens  
Efficiency: N/A  
Efficacy: 63.4 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 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 | 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°  | 595150 |
| 5°  | 577855 |
| 10° | 524395 |
| 15° | 433215 |
| 20° | 312507 |
| 25° | 193293 |
| 30° | 104649 |
| 35° | 54074  |
| 40° | 29398  |
| 45° | 16467  |
| 50° | 8256   |
| 55° | 6193   |
| 60° | 5570   |
| 65° | 5396   |
| 70° | 5193   |
| 75° | 4914   |
| 80° | 4420   |
| 85° | 3019   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16467 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 242.0  | 18.0      |
| 10°-20°   | 519.6  | 38.6      |
| 20°-30°   | 370.8  | 27.6      |
| 30°-40°   | 136.5  | 10.2      |
| 40°-50°   | 43.0   | 3.2       |
| 50°-60°   | 14.9   | 1.1       |
| 60°-70°   | 10.3   | 0.8       |
| 70°-80°   | 6.1    | 0.5       |
| 80°-90°   | 1.8    | 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°    | 1132.5 | 84.2      |
| 0°-40°    | 1269.0 | 94.3      |
| 0°-60°    | 1326.9 | 98.7      |
| 0°-90°    | 1345.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1345.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 2714 |      |
| 5°  | 2625 | 242  |
| 15° | 1908 | 520  |
| 25° | 799  | 371  |
| 35° | 202  | 137  |
| 45° | 53   | 43   |
| 55° | 16   | 15   |
| 65° | 10   | 10   |
| 75° | 6    | 6    |
| 85° | 1    | 2    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     |
|-------|--------|
| 0°    | 2714.1 |
| 2.5°  | 2693.3 |
| 5°    | 2625.2 |
| 7.5°  | 2512.1 |
| 10°   | 2355.1 |
| 12.5° | 2155.4 |
| 15°   | 1908.3 |
| 17.5° | 1631.2 |
| 20°   | 1339.2 |
| 22.5° | 1051.7 |
| 25°   | 798.9  |
| 27.5° | 586.5  |
| 30°   | 413.3  |
| 32.5° | 289.8  |
| 35°   | 202.0  |
| 37.5° | 143.2  |
| 40°   | 102.7  |
| 42.5° | 73.9   |
| 45°   | 53.1   |
| 47.5° | 35.8   |
| 50°   | 24.2   |
| 52.5° | 17.3   |
| 55°   | 16.2   |
| 57.5° | 15.0   |
| 60°   | 12.7   |
| 62.5° | 11.5   |
| 65°   | 10.4   |
| 67.5° | 9.2    |
| 70°   | 8.1    |
| 72.5° | 6.9    |
| 75°   | 5.8    |
| 77.5° | 4.6    |
| 80°   | 3.5    |
| 82.5° | 2.3    |
| 85°   | 1.2    |
| 87.5° | 1.2    |
| 90°   | 0.0    |

(END OF REPORT)