

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: P1260240

Luminaire Tested: P3AS17R129050DE010 E3DLP1LI

Issue Date: 1/30/2026

**Test Information**

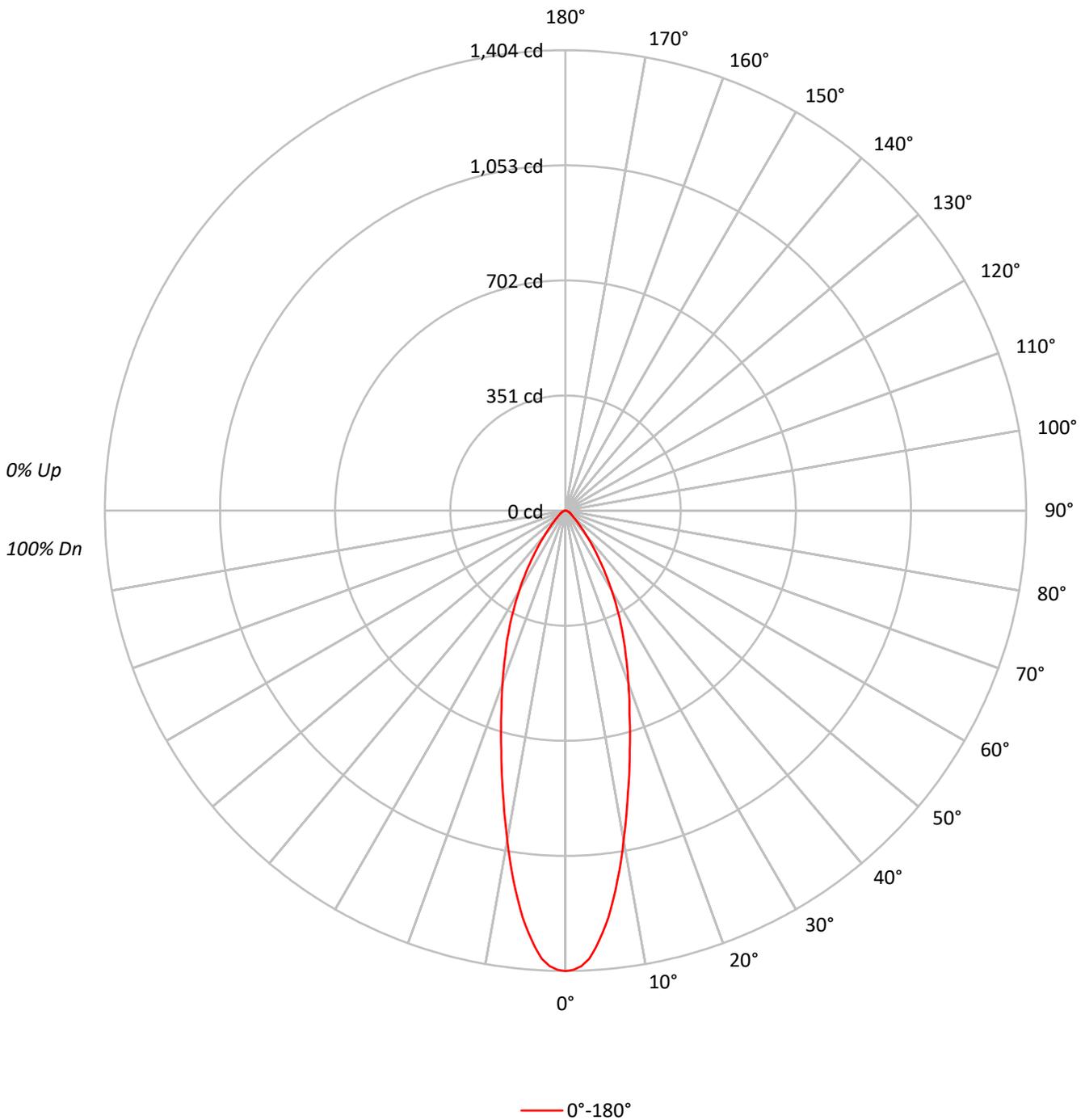
Test Method: LM-79-2019  
Report Number: P1260240  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R129050DE010 E3DLP1LI  
Description: 3in Adjustable LED luminaire with, R12 optic, 5000K CCT AND, 90CRI , E3DLP1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 714.0 lumens  
Efficiency: N/A  
Efficacy: 31.2 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 22.9  
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  |     |     | 0   |     |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 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 | 100 | 100 | 100 |
| 1   | 113 | 110 | 108 | 106 | 111 | 108 | 106 | 104 | 104 | 102 | 101 | 100 | 99  | 98  | 97  | 96  | 95  | 93  | 93  | 93  | 93  |
| 2   | 108 | 103 | 98  | 95  | 105 | 101 | 97  | 94  | 98  | 95  | 92  | 95  | 92  | 90  | 92  | 90  | 88  | 86  | 86  | 86  | 86  |
| 3   | 102 | 96  | 91  | 87  | 100 | 94  | 90  | 86  | 92  | 88  | 85  | 89  | 86  | 83  | 87  | 84  | 82  | 80  | 80  | 80  | 80  |
| 4   | 97  | 90  | 84  | 80  | 95  | 88  | 83  | 79  | 86  | 82  | 78  | 84  | 81  | 78  | 82  | 79  | 77  | 75  | 75  | 75  | 75  |
| 5   | 93  | 84  | 78  | 74  | 91  | 83  | 78  | 74  | 81  | 77  | 73  | 80  | 76  | 72  | 78  | 75  | 72  | 70  | 70  | 70  | 70  |
| 6   | 88  | 79  | 73  | 69  | 87  | 79  | 73  | 69  | 77  | 72  | 69  | 76  | 71  | 68  | 74  | 71  | 68  | 66  | 66  | 66  | 66  |
| 7   | 84  | 75  | 69  | 65  | 83  | 74  | 69  | 65  | 73  | 68  | 64  | 72  | 67  | 64  | 71  | 67  | 64  | 62  | 62  | 62  | 62  |
| 8   | 80  | 71  | 65  | 61  | 79  | 71  | 65  | 61  | 69  | 64  | 61  | 68  | 64  | 61  | 67  | 63  | 60  | 59  | 59  | 59  | 59  |
| 9   | 77  | 68  | 62  | 58  | 76  | 67  | 62  | 58  | 66  | 61  | 58  | 65  | 61  | 57  | 64  | 60  | 57  | 56  | 56  | 56  | 56  |
| 10  | 74  | 64  | 59  | 55  | 73  | 64  | 59  | 55  | 63  | 58  | 55  | 62  | 58  | 55  | 62  | 57  | 54  | 53  | 53  | 53  | 53  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 307892 |
| 5°  | 284569 |
| 10° | 227184 |
| 15° | 171624 |
| 20° | 130678 |
| 25° | 99586  |
| 30° | 71327  |
| 35° | 46552  |
| 40° | 28539  |
| 45° | 17273  |
| 50° | 11462  |
| 55° | 8869   |
| 60° | 7631   |
| 65° | 6641   |
| 70° | 5963   |
| 75° | 5931   |
| 80° | 4420   |
| 85° | 3019   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 17273 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 114.5  | 16.0      |
| 10°-20°   | 211.3  | 29.6      |
| 20°-30°   | 188.1  | 26.3      |
| 30°-40°   | 111.3  | 15.6      |
| 40°-50°   | 45.7   | 6.4       |
| 50°-60°   | 21.4   | 3.0       |
| 60°-70°   | 13.1   | 1.8       |
| 70°-80°   | 6.9    | 1.0       |
| 80°-90°   | 1.8    | 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       |
| 0°-30°    | 513.9  | 72.0      |
| 0°-40°    | 625.2  | 87.6      |
| 0°-60°    | 692.3  | 97.0      |
| 0°-90°    | 714.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 714.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1404 |      |
| 5°  | 1293 | 115  |
| 15° | 756  | 211  |
| 25° | 412  | 188  |
| 35° | 174  | 111  |
| 45° | 56   | 46   |
| 55° | 23   | 21   |
| 65° | 13   | 13   |
| 75° | 7    | 7    |
| 85° | 1    | 2    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1404.1 |
| 1°    | 1400.6 |
| 2°    | 1390.2 |
| 3°    | 1369.3 |
| 4°    | 1334.5 |
| 5°    | 1292.8 |
| 6°    | 1247.6 |
| 7°    | 1194.2 |
| 8°    | 1138.6 |
| 9°    | 1081.8 |
| 10°   | 1020.3 |
| 12.5° | 880.0  |
| 15°   | 756.0  |
| 17.5° | 649.3  |
| 20°   | 560.0  |
| 22.5° | 481.2  |
| 25°   | 411.6  |
| 27.5° | 344.4  |
| 30°   | 281.7  |
| 32.5° | 224.9  |
| 35°   | 173.9  |
| 37.5° | 133.3  |
| 40°   | 99.7   |
| 42.5° | 74.2   |
| 45°   | 55.7   |
| 47.5° | 42.9   |
| 50°   | 33.6   |
| 52.5° | 27.8   |
| 55°   | 23.2   |
| 57.5° | 19.7   |
| 60°   | 17.4   |
| 62.5° | 15.1   |
| 65°   | 12.8   |
| 67.5° | 11.6   |
| 70°   | 9.3    |
| 72.5° | 8.1    |
| 75°   | 7.0    |
| 77.5° | 4.6    |
| 80°   | 3.5    |
| 82.5° | 2.3    |
| 85°   | 1.2    |
| 87.5° | 1.2    |
| 90°   | 0.0    |

(END OF REPORT)