

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: P1267196

Luminaire Tested: P3A09R609735DE010 E3D1LI

Issue Date: 1/29/2026

**Test Information**

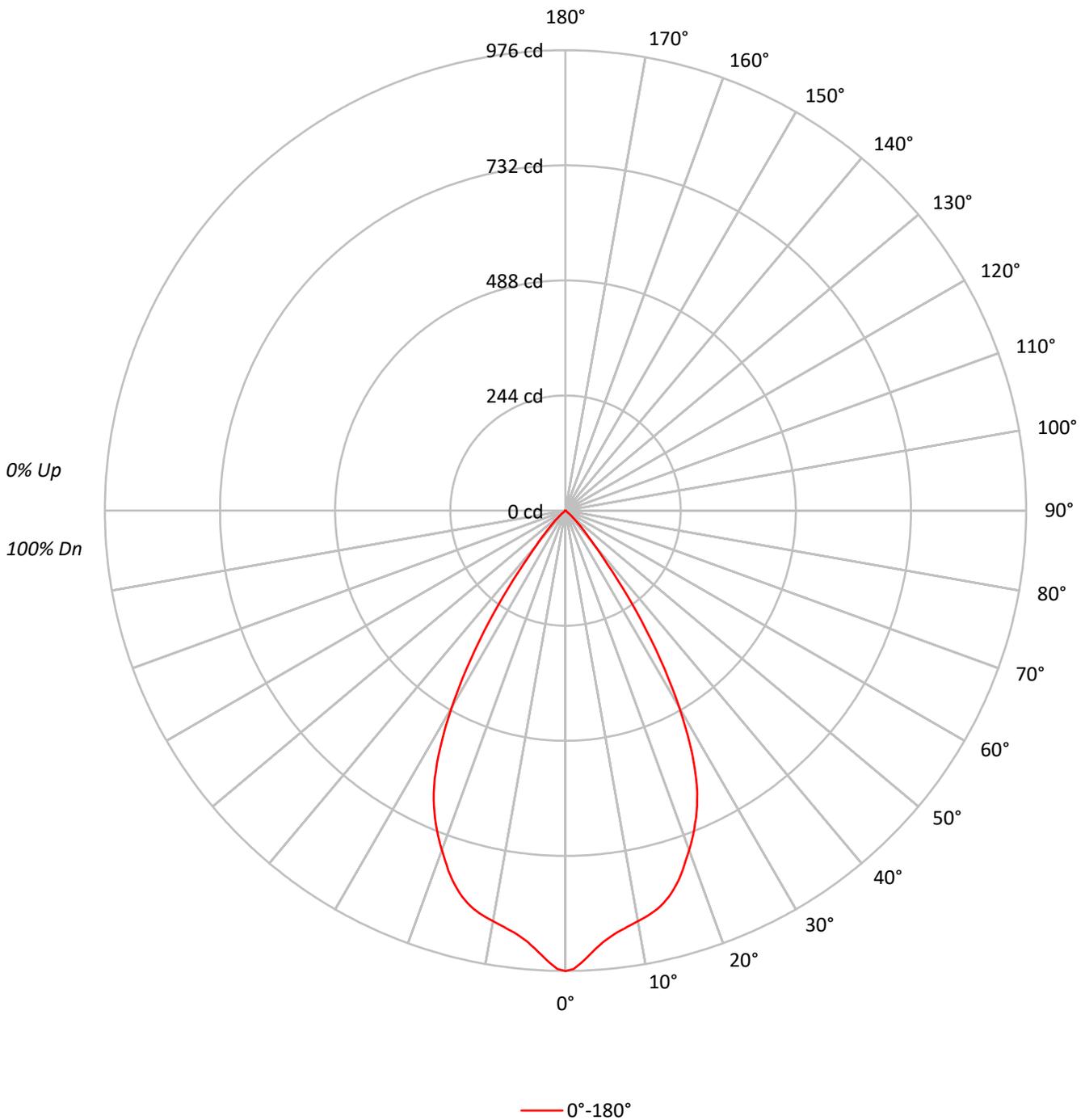
Test Method: LM-79-2019  
Report Number: P1267196  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R609735DE010 E3D1LI  
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , E3D1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 817.0 lumens  
Efficiency: N/A  
Efficacy: 73.6 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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  | 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 |
| 1   | 114 | 111 | 109 | 106 | 111 | 109 | 107 | 105 | 105 | 103 | 102 | 101 | 100 | 99  | 98  | 97  | 96  | 94  |    |    |    | 94  |
| 2   | 108 | 104 | 100 | 96  | 106 | 102 | 98  | 95  | 99  | 96  | 93  | 96  | 93  | 91  | 93  | 91  | 89  | 88  |    |    |    | 88  |
| 3   | 103 | 97  | 92  | 88  | 101 | 96  | 91  | 88  | 93  | 89  | 86  | 91  | 87  | 85  | 88  | 86  | 84  | 82  |    |    |    | 82  |
| 4   | 98  | 91  | 85  | 81  | 96  | 90  | 85  | 81  | 88  | 83  | 80  | 86  | 82  | 79  | 84  | 81  | 78  | 77  |    |    |    | 77  |
| 5   | 93  | 85  | 80  | 75  | 92  | 84  | 79  | 75  | 83  | 78  | 74  | 81  | 77  | 74  | 79  | 76  | 73  | 72  |    |    |    | 72  |
| 6   | 89  | 80  | 74  | 70  | 87  | 79  | 74  | 70  | 78  | 73  | 70  | 77  | 72  | 69  | 75  | 72  | 69  | 67  |    |    |    | 67  |
| 7   | 85  | 76  | 70  | 66  | 83  | 75  | 69  | 65  | 74  | 69  | 65  | 72  | 68  | 65  | 71  | 67  | 64  | 63  |    |    |    | 63  |
| 8   | 81  | 71  | 65  | 61  | 79  | 71  | 65  | 61  | 70  | 65  | 61  | 69  | 64  | 61  | 68  | 64  | 61  | 59  |    |    |    | 59  |
| 9   | 77  | 67  | 62  | 58  | 76  | 67  | 61  | 58  | 66  | 61  | 57  | 65  | 61  | 57  | 64  | 60  | 57  | 56  |    |    |    | 56  |
| 10  | 73  | 64  | 58  | 54  | 72  | 63  | 58  | 54  | 63  | 58  | 54  | 62  | 57  | 54  | 61  | 57  | 54  | 53  |    |    |    | 53  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 214062 |
| 5°  | 202091 |
| 10° | 196834 |
| 15° | 192328 |
| 20° | 178819 |
| 25° | 159856 |
| 30° | 122120 |
| 35° | 70510  |
| 40° | 27366  |
| 45° | 11412  |
| 50° | 2524   |
| 55° | 382    |
| 60° | 307    |
| 65° | 156    |
| 70° | 192    |
| 75° | 0      |
| 80° | 0      |
| 85° | 0      |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11412 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 86.7   | 10.6      |
| 10°-20°   | 236.0  | 28.9      |
| 20°-30°   | 295.6  | 36.2      |
| 30°-40°   | 165.2  | 20.2      |
| 40°-50°   | 31.4   | 3.8       |
| 50°-60°   | 1.6    | 0.2       |
| 60°-70°   | 0.3    | 0.0       |
| 70°-80°   | 0.1    | 0.0       |
| 80°-90°   | 0.0    | 0.0       |
| 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°    | 618.2  | 75.7      |
| 0°-40°    | 783.5  | 95.9      |
| 0°-60°    | 816.5  | 99.9      |
| 0°-90°    | 817.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 817.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 976 |      |
| 5°  | 918 | 87   |
| 15° | 847 | 236  |
| 25° | 661 | 296  |
| 35° | 263 | 165  |
| 45° | 37  | 31   |
| 55° | 1   | 2    |
| 65° | 0   | 0    |
| 75° | 0   | 0    |
| 85° | 0   | 0    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 976.2 |
| 1°    | 972.2 |
| 2°    | 959.5 |
| 3°    | 944.5 |
| 4°    | 930.4 |
| 5°    | 918.1 |
| 6°    | 908.7 |
| 7°    | 900.7 |
| 8°    | 894.7 |
| 9°    | 889.0 |
| 10°   | 884.0 |
| 11°   | 879.0 |
| 12°   | 873.3 |
| 13°   | 866.3 |
| 14°   | 857.9 |
| 15°   | 847.2 |
| 16°   | 834.2 |
| 17°   | 819.5 |
| 18°   | 802.8 |
| 19°   | 783.7 |
| 20°   | 766.3 |
| 21°   | 747.6 |
| 22°   | 728.2 |
| 23°   | 707.8 |
| 24°   | 685.5 |
| 25°   | 660.7 |
| 26°   | 631.6 |
| 27°   | 599.2 |
| 28°   | 562.8 |
| 29°   | 524.0 |
| 30°   | 482.3 |
| 31°   | 440.1 |
| 32°   | 396.7 |
| 32.5° | 373.0 |
| 33°   | 351.6 |
| 34°   | 307.1 |
| 35°   | 263.4 |
| 36°   | 223.9 |
| 37°   | 182.1 |
| 37.5° | 163.1 |
| 38°   | 144.4 |
| 39°   | 116.3 |
| 40°   | 95.6  |
| 42.5° | 58.2  |
| 45°   | 36.8  |



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**CANDELA DISTRIBUTION (continued):**

|       | 0°   |
|-------|------|
| 47.5° | 20.4 |
| 50°   | 7.4  |
| 52.5° | 1.7  |
| 55°   | 1.0  |
| 57.5° | 0.7  |
| 60°   | 0.7  |
| 62.5° | 0.3  |
| 65°   | 0.3  |
| 67.5° | 0.3  |
| 70°   | 0.3  |
| 72.5° | 0.3  |
| 75°   | 0.0  |
| 77.5° | 0.0  |
| 80°   | 0.0  |
| 82.5° | 0.0  |
| 85°   | 0.0  |
| 87.5° | 0.0  |
| 90°   | 0.0  |

(END OF REPORT)