

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: P1261391

Luminaire Tested: P3AS02R159727DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

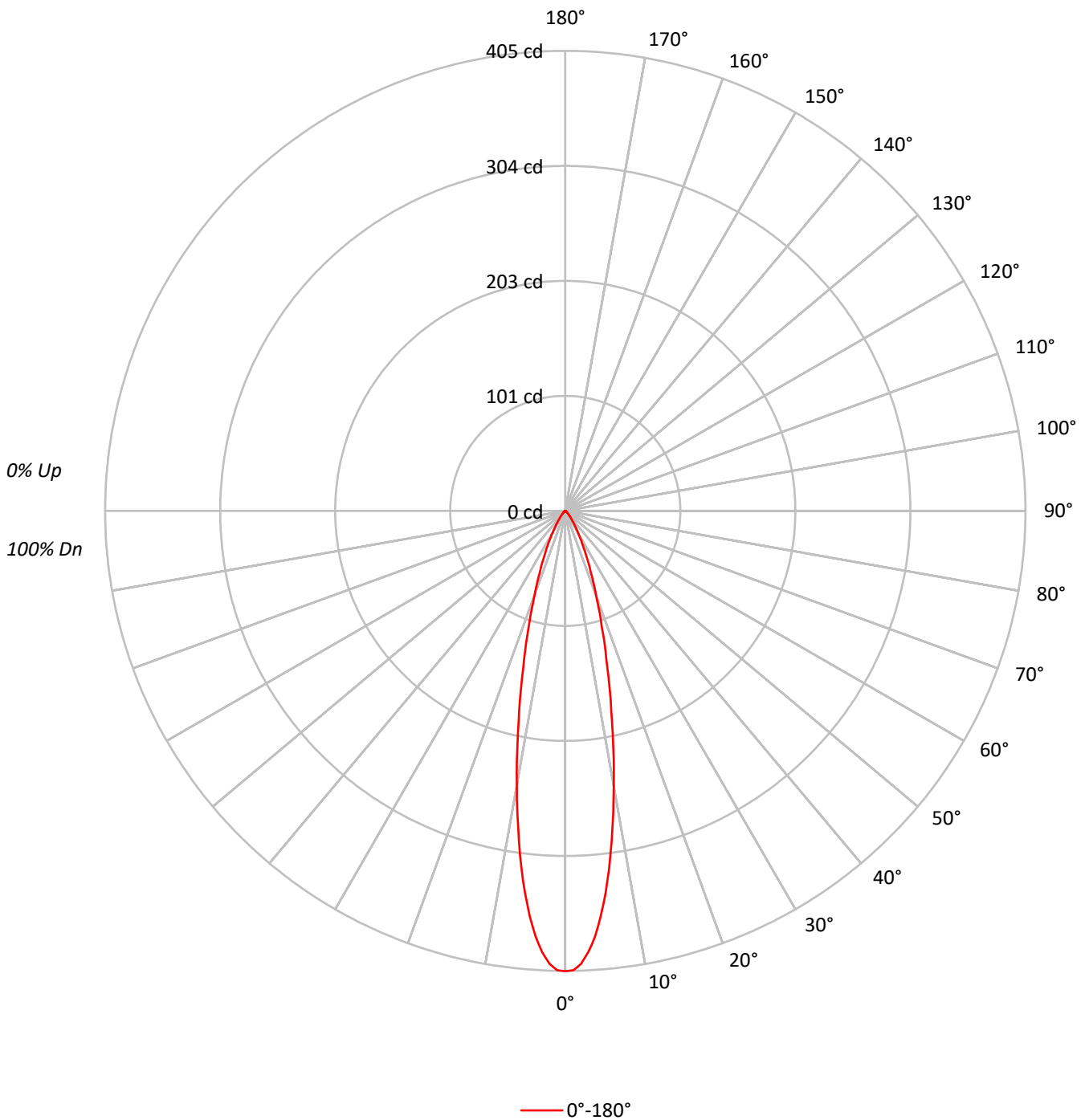
Test Method: LM-79-2019  
Report Number: P1261391  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R159727DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 104.0 lumens  
Efficiency: N/A  
Efficacy: 28.9 lumens/watt  
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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 | 99 | 98 | 97 | 100 |
| 1   | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99  | 98  | 97  | 95  | 95 | 94 | 93 | 95  |
| 2   | 110 | 106 | 103 | 100 | 108 | 104 | 101 | 99  | 101 | 99  | 97  | 98  | 96  | 95  | 96  | 94  | 93  | 91  | 91 | 90 | 88 | 91  |
| 3   | 106 | 101 | 97  | 93  | 104 | 99  | 96  | 93  | 97  | 94  | 91  | 94  | 92  | 90  | 92  | 90  | 88  | 87  | 87 | 86 | 85 | 87  |
| 4   | 102 | 96  | 92  | 88  | 100 | 95  | 91  | 88  | 93  | 89  | 87  | 91  | 88  | 86  | 89  | 87  | 85  | 83  | 83 | 82 | 81 | 83  |
| 5   | 98  | 92  | 87  | 84  | 97  | 91  | 87  | 83  | 89  | 86  | 83  | 88  | 84  | 82  | 86  | 83  | 81  | 80  | 80 | 79 | 78 | 80  |
| 6   | 95  | 88  | 83  | 80  | 94  | 87  | 83  | 80  | 86  | 82  | 79  | 85  | 81  | 79  | 83  | 80  | 78  | 77  | 77 | 76 | 75 | 77  |
| 7   | 92  | 85  | 80  | 77  | 91  | 84  | 80  | 76  | 83  | 79  | 76  | 82  | 78  | 76  | 81  | 78  | 75  | 74  | 74 | 73 | 72 | 74  |
| 8   | 89  | 81  | 77  | 74  | 88  | 81  | 77  | 73  | 80  | 76  | 73  | 79  | 76  | 73  | 78  | 75  | 73  | 72  | 72 | 71 | 70 | 72  |
| 9   | 86  | 79  | 74  | 71  | 85  | 78  | 74  | 71  | 77  | 73  | 71  | 77  | 73  | 70  | 76  | 73  | 70  | 69  | 69 | 68 | 67 | 69  |
| 10  | 84  | 76  | 71  | 68  | 83  | 76  | 71  | 68  | 75  | 71  | 68  | 74  | 71  | 68  | 74  | 70  | 68  | 67  | 67 | 66 | 65 | 67  |

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

|     |       |
|-----|-------|
|     | 0°    |
| 0°  | 88853 |
| 5°  | 78868 |
| 10° | 54775 |
| 15° | 32395 |
| 20° | 18435 |
| 25° | 10549 |
| 30° | 5824  |
| 35° | 3105  |
| 40° | 1718  |
| 45° | 930   |
| 50° | 580   |
| 55° | 459   |
| 60° | 395   |
| 65° | 363   |
| 70° | 321   |
| 75° | 339   |
| 80° | 253   |
| 85° | 252   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 930 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 30.5   | 29.3      |
| 10°-20°   | 40.2   | 38.7      |
| 20°-30°   | 20.7   | 19.9      |
| 30°-40°   | 7.8    | 7.5       |
| 40°-50°   | 2.5    | 2.4       |
| 50°-60°   | 1.1    | 1.1       |
| 60°-70°   | 0.7    | 0.7       |
| 70°-80°   | 0.4    | 0.4       |
| 80°-90°   | 0.1    | 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°    | 91.4   | 87.9      |
| 0°-40°    | 99.1   | 95.3      |
| 0°-60°    | 102.8  | 98.8      |
| 0°-90°    | 104.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 104.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 405 |      |
| 5°  | 358 | 30   |
| 15° | 143 | 40   |
| 25° | 44  | 21   |
| 35° | 12  | 8    |
| 45° | 3   | 3    |
| 55° | 1   | 1    |
| 65° | 1   | 1    |
| 75° | 0   | 0    |
| 85° | 0   | 0    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 405.2 |
| 1°    | 404.4 |
| 2°    | 399.0 |
| 3°    | 388.9 |
| 4°    | 375.6 |
| 5°    | 358.3 |
| 6°    | 338.6 |
| 7°    | 317.1 |
| 8°    | 293.1 |
| 9°    | 269.5 |
| 10°   | 246.0 |
| 12.5° | 189.3 |
| 15°   | 142.7 |
| 17.5° | 106.8 |
| 20°   | 79.0  |
| 22.5° | 59.0  |
| 25°   | 43.6  |
| 27.5° | 31.8  |
| 30°   | 23.0  |
| 32.5° | 16.3  |
| 35°   | 11.6  |
| 37.5° | 8.3   |
| 40°   | 6.0   |
| 42.5° | 4.3   |
| 45°   | 3.0   |
| 47.5° | 2.2   |
| 50°   | 1.7   |
| 52.5° | 1.4   |
| 55°   | 1.2   |
| 57.5° | 1.0   |
| 60°   | 0.9   |
| 62.5° | 0.8   |
| 65°   | 0.7   |
| 67.5° | 0.6   |
| 70°   | 0.5   |
| 72.5° | 0.5   |
| 75°   | 0.4   |
| 77.5° | 0.3   |
| 80°   | 0.2   |
| 82.5° | 0.2   |
| 85°   | 0.1   |
| 87.5° | 0.0   |
| 90°   | 0.0   |

(END OF REPORT)