

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: P1302995

Luminaire Tested: P3RT09R359024DE010 E3CBUS1MW

Issue Date: 1/29/2026

**Test Information**

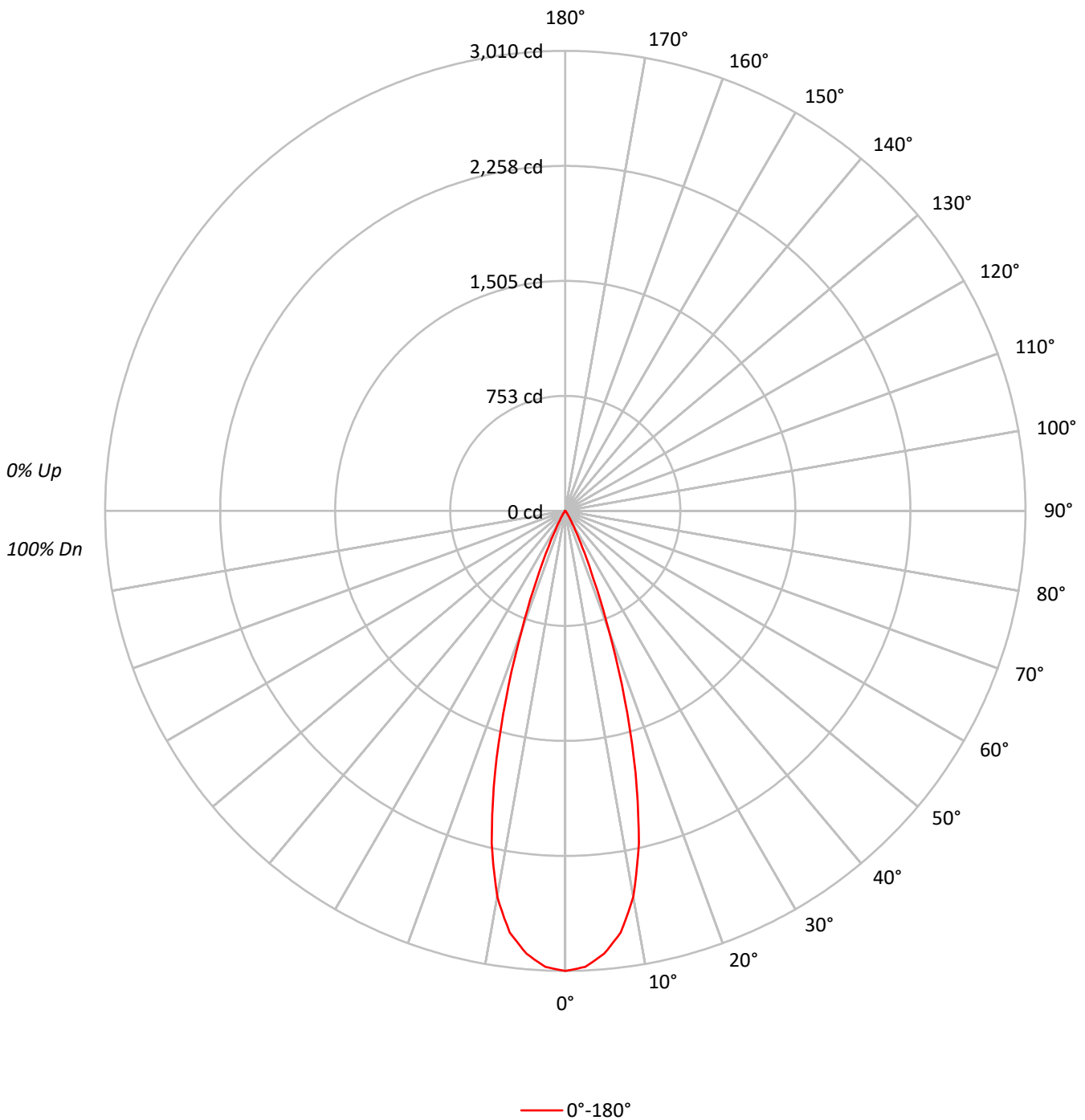
Test Method: LM-79-2019  
Report Number: P1302995  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-89)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3RT09R359024DE010 E3CBUS1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 901.0 lumens  
Efficiency: N/A  
Efficacy: 81.2 lumens/watt  
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.5  
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  |     |    |    |     |
| 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 | 100 |
| 1   | 115 | 113 | 111 | 109 | 113 | 111 | 109 | 108 | 107 | 105 | 104 | 103 | 102 | 101 | 100 | 99  | 98  | 97  | 96 | 95 | 97  |
| 2   | 111 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 103 | 101 | 99  | 100 | 98  | 97  | 97  | 96  | 95  | 94  | 93 | 92 | 93  |
| 3   | 108 | 103 | 99  | 97  | 106 | 102 | 98  | 96  | 99  | 97  | 94  | 97  | 95  | 93  | 95  | 93  | 92  | 91  | 90 | 89 | 90  |
| 4   | 104 | 99  | 95  | 92  | 103 | 98  | 94  | 92  | 96  | 93  | 90  | 94  | 92  | 89  | 92  | 90  | 89  | 88  | 87 | 86 | 87  |
| 5   | 101 | 95  | 91  | 88  | 100 | 94  | 91  | 88  | 93  | 90  | 87  | 91  | 89  | 86  | 90  | 88  | 86  | 85  | 84 | 83 | 85  |
| 6   | 98  | 92  | 88  | 85  | 97  | 91  | 87  | 85  | 90  | 87  | 84  | 89  | 86  | 83  | 88  | 85  | 83  | 82  | 81 | 80 | 82  |
| 7   | 95  | 89  | 85  | 82  | 94  | 88  | 84  | 82  | 87  | 84  | 81  | 86  | 83  | 81  | 85  | 83  | 80  | 79  | 78 | 77 | 79  |
| 8   | 93  | 86  | 82  | 79  | 92  | 86  | 82  | 79  | 85  | 81  | 79  | 84  | 81  | 78  | 83  | 80  | 78  | 77  | 76 | 75 | 77  |
| 9   | 90  | 83  | 79  | 77  | 89  | 83  | 79  | 76  | 82  | 79  | 76  | 82  | 78  | 76  | 81  | 78  | 76  | 75  | 74 | 73 | 75  |
| 10  | 88  | 81  | 77  | 74  | 87  | 81  | 77  | 74  | 80  | 76  | 74  | 79  | 76  | 74  | 79  | 76  | 74  | 73  | 72 | 71 | 73  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 660035 |
| 5°  | 640346 |
| 10° | 570998 |
| 15° | 403385 |
| 20° | 194570 |
| 25° | 63052  |
| 30° | 17750  |
| 35° | 7121   |
| 40° | 2004   |
| 45° | 0      |
| 50° | 0      |
| 55° | 0      |
| 60° | 0      |
| 65° | 0      |
| 70° | 0      |
| 75° | 0      |
| 80° | 0      |
| 85° | 0      |

**MAXIMUM LUMINANCE 45°-90°:**

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



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 267.2  | 29.7      |
| 10°-20°   | 469.6  | 52.1      |
| 20°-30°   | 144.3  | 16.0      |
| 30°-40°   | 18.8   | 2.1       |
| 40°-50°   | 1.2    | 0.1       |
| 50°-60°   | 0.0    | 0.0       |
| 60°-70°   | 0.0    | 0.0       |
| 70°-80°   | 0.0    | 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°    | 881.1  | 97.8      |
| 0°-40°    | 899.8  | 99.9      |
| 0°-60°    | 901.0  | 100.0     |
| 0°-90°    | 901.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 901.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 3010 |      |
| 5°  | 2909 | 267  |
| 15° | 1777 | 470  |
| 25° | 261  | 144  |
| 35° | 27   | 19   |
| 45° | 0    | 1    |
| 55° | 0    | 0    |
| 65° | 0    | 0    |
| 75° | 0    | 0    |
| 85° | 0    | 0    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     |
|-------|--------|
| 0°    | 3010.0 |
| 2.5°  | 2986.2 |
| 5°    | 2909.1 |
| 7.5°  | 2781.6 |
| 10°   | 2564.4 |
| 12.5° | 2225.3 |
| 15°   | 1776.9 |
| 17.5° | 1289.2 |
| 20°   | 833.8  |
| 22.5° | 483.5  |
| 25°   | 260.6  |
| 27.5° | 137.3  |
| 30°   | 70.1   |
| 32.5° | 42.0   |
| 35°   | 26.6   |
| 37.5° | 16.8   |
| 40°   | 7.0    |
| 42.5° | 2.8    |
| 45°   | 0.0    |
| 47.5° | 0.0    |
| 50°   | 0.0    |
| 52.5° | 0.0    |
| 55°   | 0.0    |
| 57.5° | 0.0    |
| 60°   | 0.0    |
| 62.5° | 0.0    |
| 65°   | 0.0    |
| 67.5° | 0.0    |
| 70°   | 0.0    |
| 72.5° | 0.0    |
| 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)