

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: P1304914

Luminaire Tested: P3DUS05R25B2750DE010 E3CBUS1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1304914  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-87)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3DUS05R25B2750DE010 E3CBUS1MW\_3000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

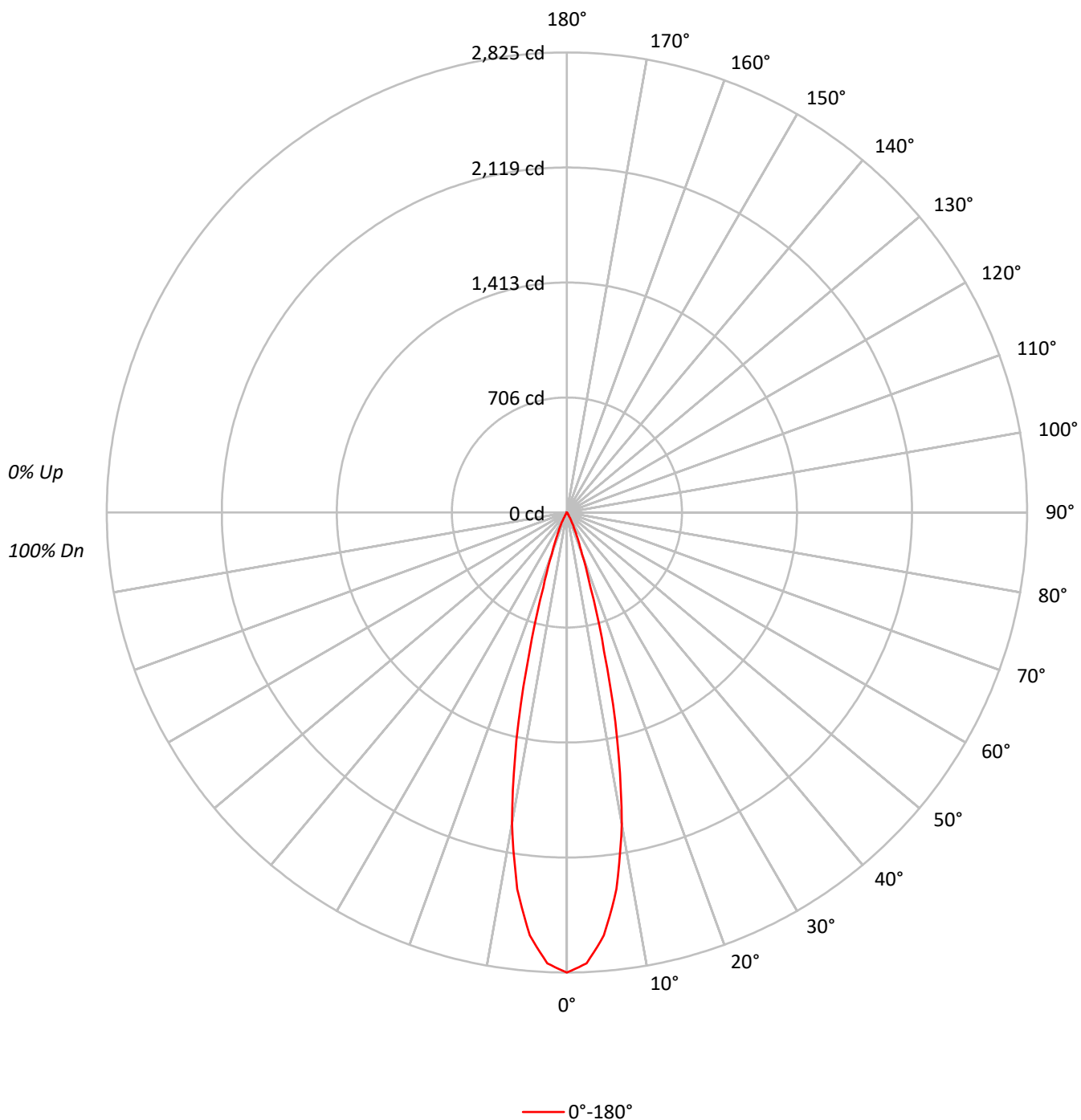
Lumens per Lamp: N/A  
Luminaire Lumens: 537.0 lumens  
Efficiency: N/A  
Efficacy: 91.0 lumens/watt  
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.39  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 5.9  
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  |  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 |  | 100 |
| 1   | 115 | 113 | 112 | 110 | 113 | 111 | 110 | 108 | 107 | 106 | 105 |  | 104 | 103 | 102 |  | 100 | 100 | 99  |  | 97  |
| 2   | 112 | 109 | 106 | 104 | 110 | 107 | 105 | 103 | 104 | 102 | 100 |  | 101 | 100 | 98  |  | 99  | 97  | 96  |  | 95  |
| 3   | 109 | 105 | 101 | 99  | 107 | 103 | 100 | 98  | 101 | 99  | 97  |  | 99  | 97  | 95  |  | 97  | 95  | 94  |  | 92  |
| 4   | 106 | 101 | 98  | 95  | 105 | 100 | 97  | 94  | 98  | 95  | 93  |  | 96  | 94  | 92  |  | 95  | 93  | 91  |  | 90  |
| 5   | 103 | 98  | 94  | 92  | 102 | 97  | 94  | 91  | 96  | 93  | 90  |  | 94  | 92  | 90  |  | 93  | 91  | 89  |  | 88  |
| 6   | 101 | 95  | 91  | 89  | 100 | 95  | 91  | 88  | 93  | 90  | 88  |  | 92  | 89  | 87  |  | 91  | 89  | 87  |  | 86  |
| 7   | 98  | 93  | 89  | 86  | 97  | 92  | 89  | 86  | 91  | 88  | 86  |  | 90  | 87  | 85  |  | 89  | 87  | 85  |  | 84  |
| 8   | 96  | 90  | 87  | 84  | 95  | 90  | 86  | 84  | 89  | 86  | 84  |  | 88  | 85  | 83  |  | 87  | 85  | 83  |  | 82  |
| 9   | 94  | 88  | 84  | 82  | 93  | 88  | 84  | 82  | 87  | 84  | 82  |  | 86  | 83  | 81  |  | 86  | 83  | 81  |  | 80  |
| 10  | 92  | 86  | 83  | 80  | 91  | 86  | 82  | 80  | 85  | 82  | 80  |  | 84  | 82  | 80  |  | 84  | 81  | 80  |  | 79  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 619490 |
| 5°  | 573826 |
| 10° | 432078 |
| 15° | 200796 |
| 20° | 63192  |
| 25° | 24437  |
| 30° | 7090   |
| 35° | 2275   |
| 40° | 716    |
| 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°    | 227.8  | 42.4      |
| 10°-20°   | 251.0  | 46.7      |
| 20°-30°   | 51.6   | 9.6       |
| 30°-40°   | 6.3    | 1.2       |
| 40°-50°   | 0.4    | 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       |
| <hr/>     |        |           |
| 0°-30°    | 530.3  | 98.8      |
| 0°-40°    | 536.6  | 99.9      |
| 0°-60°    | 537.0  | 100.0     |
| 0°-90°    | 537.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 537.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 2825 |      |
| 5°  | 2607 | 228  |
| 15° | 884  | 251  |
| 25° | 101  | 52   |
| 35° | 8    | 6    |
| 45° | 0    | 0    |
| 55° | 0    | 0    |
| 65° | 0    | 0    |
| 75° | 0    | 0    |
| 85° | 0    | 0    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 2825.1 |
| 2.5°  | 2770.8 |
| 5°    | 2606.9 |
| 7.5°  | 2332.7 |
| 10°   | 1940.5 |
| 12.5° | 1429.5 |
| 15°   | 884.5  |
| 17.5° | 481.3  |
| 20°   | 270.8  |
| 22.5° | 165.5  |
| 25°   | 101.0  |
| 27.5° | 56.9   |
| 30°   | 28.0   |
| 32.5° | 12.7   |
| 35°   | 8.5    |
| 37.5° | 5.1    |
| 40°   | 2.5    |
| 42.5° | 0.8    |
| 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)