

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: P1284707

Luminaire Tested: P3AS13R25B2750DE010 E3PHLD1MW\_2700K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1284707  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R25B2750DE010 E3PHLD1MW\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

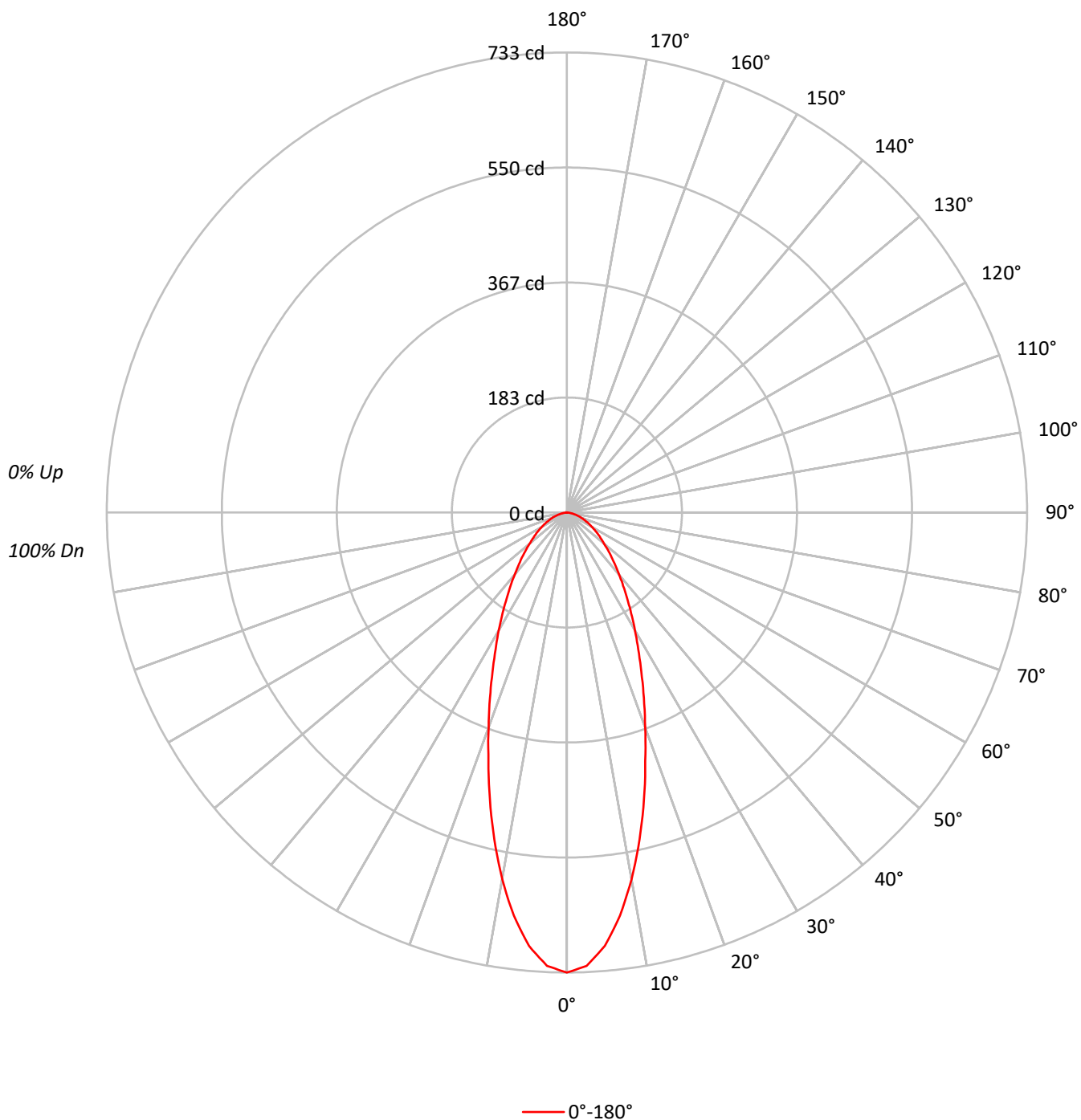
Lumens per Lamp: N/A  
Luminaire Lumens: 616.0 lumens  
Efficiency: N/A  
Efficacy: 32.3 lumens/watt  
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 19.1  
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

TEST NUMBER: P1284707

CATALOG NUMBER: P3AS13R25B2750DE010 E3PHLD1MW\_2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P1284707

CATALOG NUMBER: P3AS13R25B2750DE010 E3PHLD1MW\_2700K

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|--|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |  | 20  |     |     |  | 20  |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |  | 30  |     |     |  | 10  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 50  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 |
| 1   | 112 | 108 | 105 | 102 | 109 | 106 | 103 | 100 | 102 | 99  | 97  |  | 98  | 96  | 94  |  | 95  |
| 2   | 104 | 98  | 93  | 89  | 102 | 96  | 92  | 88  | 93  | 89  | 86  |  | 90  | 87  | 84  |  | 87  |
| 3   | 97  | 89  | 83  | 78  | 95  | 88  | 82  | 77  | 85  | 80  | 76  |  | 83  | 78  | 75  |  | 80  |
| 4   | 91  | 82  | 75  | 70  | 89  | 81  | 74  | 69  | 78  | 73  | 69  |  | 76  | 72  | 68  |  | 74  |
| 5   | 86  | 76  | 68  | 63  | 84  | 75  | 68  | 63  | 73  | 67  | 62  |  | 71  | 66  | 62  |  | 69  |
| 6   | 81  | 70  | 63  | 58  | 79  | 69  | 62  | 57  | 68  | 62  | 57  |  | 66  | 61  | 57  |  | 65  |
| 7   | 76  | 65  | 58  | 53  | 75  | 64  | 58  | 53  | 63  | 57  | 53  |  | 62  | 56  | 52  |  | 61  |
| 8   | 72  | 61  | 54  | 49  | 71  | 60  | 54  | 49  | 59  | 53  | 49  |  | 58  | 53  | 49  |  | 57  |
| 9   | 68  | 57  | 50  | 46  | 67  | 57  | 50  | 46  | 56  | 50  | 46  |  | 55  | 49  | 45  |  | 54  |
| 10  | 65  | 54  | 47  | 43  | 64  | 53  | 47  | 43  | 52  | 47  | 43  |  | 52  | 46  | 43  |  | 51  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 160733 |
| 5°  | 152564 |
| 10° | 132151 |
| 15° | 107583 |
| 20° | 85011  |
| 25° | 67770  |
| 30° | 54945  |
| 35° | 44758  |
| 40° | 37069  |
| 45° | 31259  |
| 50° | 26438  |
| 55° | 23282  |
| 60° | 20393  |
| 65° | 17797  |
| 70° | 15644  |
| 75° | 13132  |
| 80° | 9850   |
| 85° | 5535   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31259 cd/sqm

TEST NUMBER: P1284707

CATALOG NUMBER: P3AS13R25B2750DE010 E3PHLD1MW\_2700K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 62.9   | 10.2      |
| 10°-20°   | 131.4  | 21.3      |
| 20°-30°   | 129.5  | 21.0      |
| 30°-40°   | 105.4  | 17.1      |
| 40°-50°   | 78.2   | 12.7      |
| 50°-60°   | 54.6   | 8.9       |
| 60°-70°   | 34.2   | 5.6       |
| 70°-80°   | 16.5   | 2.7       |
| 80°-90°   | 3.2    | 0.5       |
| 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°    | 323.9  | 52.6      |
| 0°-40°    | 429.3  | 69.7      |
| 0°-60°    | 562.1  | 91.3      |
| 0°-90°    | 616.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 616.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 733 |      |
| 5°  | 693 | 63   |
| 15° | 474 | 131  |
| 25° | 280 | 130  |
| 35° | 167 | 105  |
| 45° | 101 | 78   |
| 55° | 61  | 55   |
| 65° | 34  | 34   |
| 75° | 16  | 16   |
| 85° | 2   | 3    |
| 90° | 0   |      |

TEST NUMBER: P1284707

CATALOG NUMBER: P3AS13R25B2750DE010 E3PHLD1MW\_2700K

**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 733.0 |
| 2.5°  | 723.0 |
| 5°    | 693.1 |
| 7.5°  | 647.7 |
| 10°   | 593.5 |
| 12.5° | 533.7 |
| 15°   | 473.9 |
| 17.5° | 415.2 |
| 20°   | 364.3 |
| 22.5° | 320.0 |
| 25°   | 280.1 |
| 27.5° | 245.8 |
| 30°   | 217.0 |
| 32.5° | 190.4 |
| 35°   | 167.2 |
| 37.5° | 147.3 |
| 40°   | 129.5 |
| 42.5° | 114.0 |
| 45°   | 100.8 |
| 47.5° | 88.6  |
| 50°   | 77.5  |
| 52.5° | 68.6  |
| 55°   | 60.9  |
| 57.5° | 53.1  |
| 60°   | 46.5  |
| 62.5° | 39.9  |
| 65°   | 34.3  |
| 67.5° | 28.8  |
| 70°   | 24.4  |
| 72.5° | 19.9  |
| 75°   | 15.5  |
| 77.5° | 11.1  |
| 80°   | 7.8   |
| 82.5° | 4.4   |
| 85°   | 2.2   |
| 87.5° | 1.1   |
| 90°   | 0.0   |

(END OF REPORT)