

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: P1281180

Luminaire Tested: P3AS05R25B2750DE010 E3DL1MW\_4000K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1281180  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R25B2750DE010 E3DL1MW\_4000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 80CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

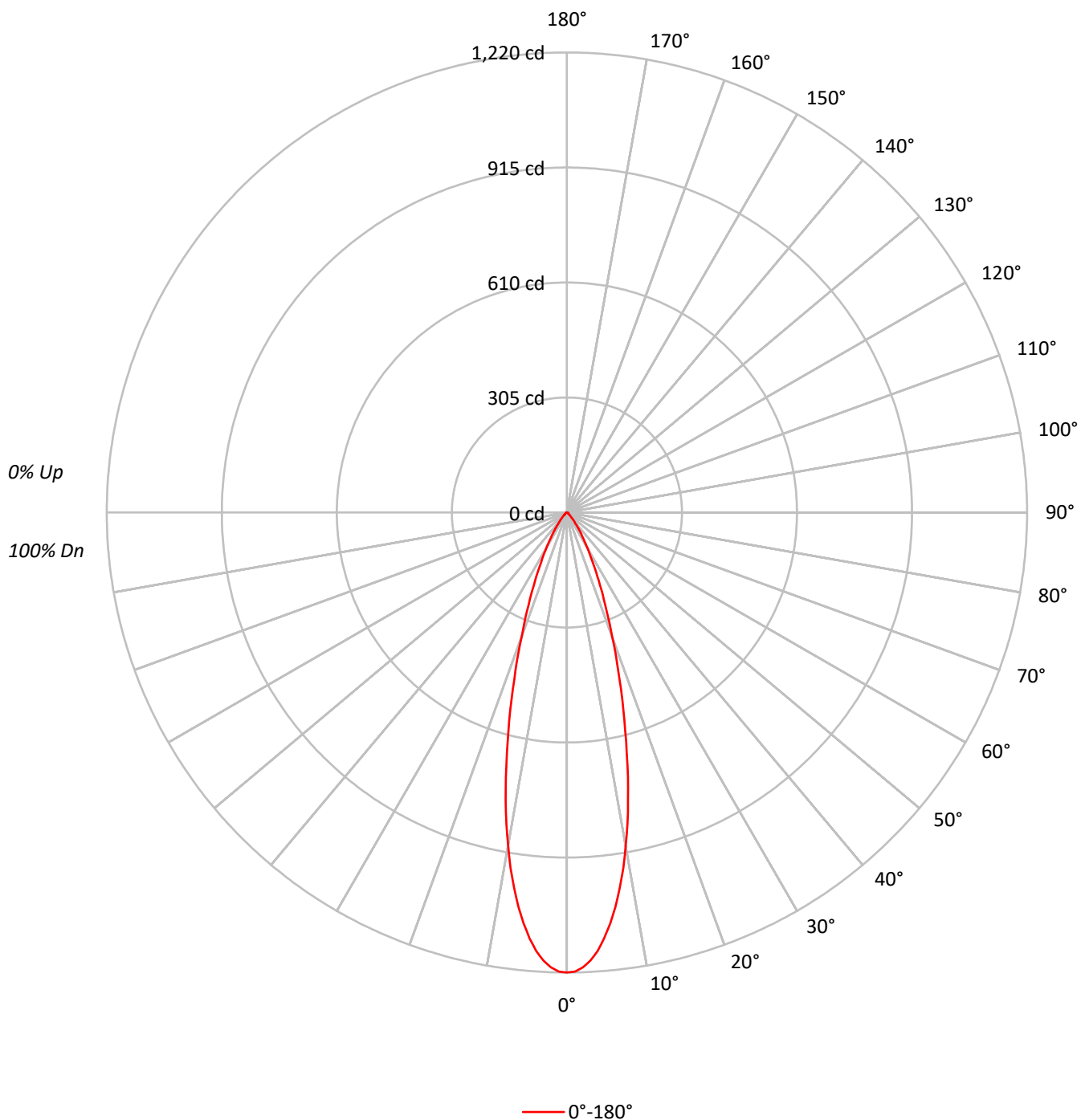
Lumens per Lamp: N/A  
Luminaire Lumens: 417.1 lumens  
Efficiency: N/A  
Efficacy: 70.7 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P1281180

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1MW\_4000K

### Luminous Intensity Polar Plot



TEST NUMBER: P1281180

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1MW\_4000K

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |
| RC  | 80  |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |     |     | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | 100 | 100 |
| 1   | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99  | 98  | 97  | 95  | 95  | 95  |
| 2   | 110 | 105 | 102 | 99  | 107 | 104 | 101 | 98  | 101 | 98  | 96  | 98  | 96  | 94  | 95  | 93  | 92  | 90  | 90  | 90  |
| 3   | 105 | 100 | 96  | 92  | 103 | 98  | 95  | 91  | 96  | 93  | 90  | 94  | 91  | 89  | 91  | 89  | 87  | 86  | 86  | 86  |
| 4   | 101 | 95  | 90  | 87  | 99  | 94  | 89  | 86  | 92  | 88  | 85  | 90  | 87  | 84  | 88  | 85  | 83  | 82  | 82  | 82  |
| 5   | 97  | 90  | 85  | 82  | 96  | 89  | 85  | 81  | 88  | 84  | 81  | 86  | 83  | 80  | 85  | 82  | 79  | 78  | 78  | 78  |
| 6   | 94  | 86  | 81  | 78  | 92  | 86  | 81  | 78  | 84  | 80  | 77  | 83  | 79  | 77  | 82  | 78  | 76  | 75  | 75  | 75  |
| 7   | 90  | 83  | 78  | 74  | 89  | 82  | 77  | 74  | 81  | 77  | 74  | 80  | 76  | 73  | 79  | 75  | 73  | 72  | 72  | 72  |
| 8   | 87  | 79  | 74  | 71  | 86  | 79  | 74  | 71  | 78  | 74  | 71  | 77  | 73  | 70  | 76  | 73  | 70  | 69  | 69  | 69  |
| 9   | 84  | 76  | 71  | 68  | 83  | 76  | 71  | 68  | 75  | 71  | 68  | 74  | 70  | 68  | 73  | 70  | 67  | 66  | 66  | 66  |
| 10  | 81  | 73  | 69  | 65  | 80  | 73  | 68  | 65  | 72  | 68  | 65  | 72  | 68  | 65  | 71  | 67  | 65  | 64  | 64  | 64  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 267500 |
| 5°  | 249570 |
| 10° | 199929 |
| 15° | 135710 |
| 20° | 82117  |
| 25° | 48027  |
| 30° | 27346  |
| 35° | 15044  |
| 40° | 7986   |
| 45° | 4186   |
| 50° | 2456   |
| 55° | 1835   |
| 60° | 1579   |
| 65° | 1660   |
| 70° | 1539   |
| 75° | 1356   |
| 80° | 1010   |
| 85° | 1006   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 4186 cd/sqm

TEST NUMBER: P1281180

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1MW\_4000K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 100.6  | 24.1      |
| 10°-20°   | 164.3  | 39.4      |
| 20°-30°   | 93.9   | 22.5      |
| 30°-40°   | 37.1   | 8.9       |
| 40°-50°   | 11.4   | 2.7       |
| 50°-60°   | 4.5    | 1.1       |
| 60°-70°   | 3.0    | 0.7       |
| 70°-80°   | 1.7    | 0.4       |
| 80°-90°   | 0.5    | 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       |
| <hr/>     |        |           |
| 0°-30°    | 358.9  | 86.1      |
| 0°-40°    | 395.9  | 94.9      |
| 0°-60°    | 411.8  | 98.7      |
| 0°-90°    | 417.1  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 417.1  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1220 |      |
| 5°  | 1134 | 101  |
| 15° | 598  | 164  |
| 25° | 198  | 94   |
| 35° | 56   | 37   |
| 45° | 14   | 11   |
| 55° | 5    | 5    |
| 65° | 3    | 3    |
| 75° | 2    | 2    |
| 85° | 0    | 1    |
| 90° | 0    |      |

TEST NUMBER: P1281180

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1MW\_4000K

**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1219.9 |
| 1°    | 1217.5 |
| 2°    | 1207.5 |
| 3°    | 1190.0 |
| 4°    | 1165.7 |
| 5°    | 1133.8 |
| 6°    | 1096.3 |
| 7°    | 1054.1 |
| 8°    | 1005.1 |
| 9°    | 954.8  |
| 10°   | 897.9  |
| 11°   | 841.7  |
| 12°   | 779.9  |
| 13°   | 718.9  |
| 14°   | 656.4  |
| 15°   | 597.8  |
| 17.5° | 463.5  |
| 20°   | 351.9  |
| 22.5° | 264.2  |
| 25°   | 198.5  |
| 27.5° | 147.1  |
| 30°   | 108.0  |
| 32.5° | 78.1   |
| 35°   | 56.2   |
| 37.5° | 39.9   |
| 40°   | 27.9   |
| 42.5° | 19.1   |
| 45°   | 13.5   |
| 47.5° | 9.6    |
| 50°   | 7.2    |
| 52.5° | 5.6    |
| 55°   | 4.8    |
| 57.5° | 4.4    |
| 60°   | 3.6    |
| 62.5° | 3.2    |
| 65°   | 3.2    |
| 67.5° | 2.8    |
| 70°   | 2.4    |
| 72.5° | 2.0    |
| 75°   | 1.6    |
| 77.5° | 1.2    |
| 80°   | 0.8    |
| 82.5° | 0.8    |
| 85°   | 0.4    |
| 87.5° | 0.4    |



TEST NUMBER: P1281180

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1MW\_4000K

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)