

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: P1260551

Luminaire Tested: P3AS17R659050DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1260551  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R659050DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

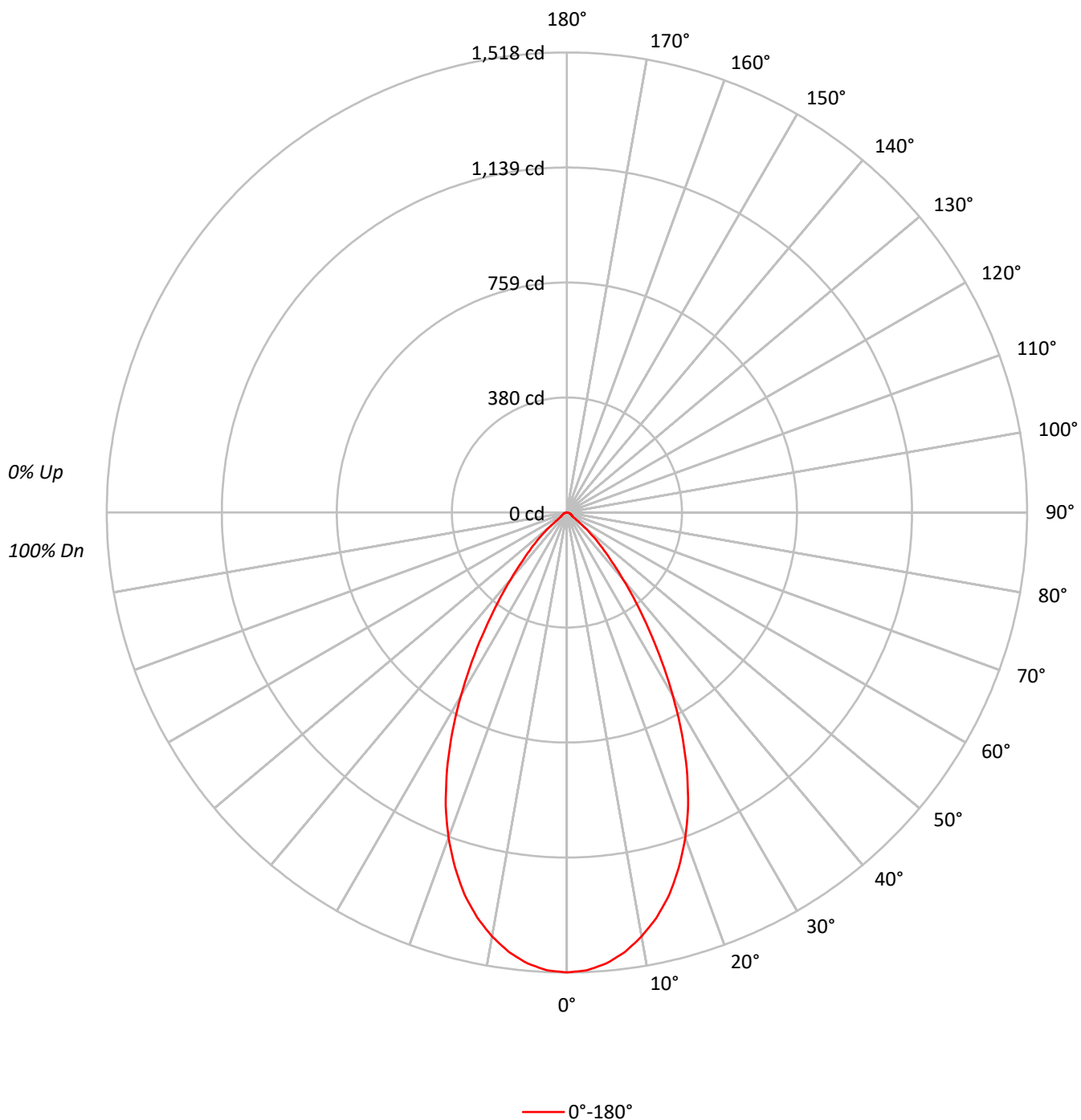
Lumens per Lamp: N/A  
Luminaire Lumens: 1411.0 lumens  
Efficiency: N/A  
Efficacy: 66.6 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 21.2  
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: P1260551

CATALOG NUMBER: P3AS17R659050DE010 E3DL1MW

### Luminous Intensity Polar Plot



TEST NUMBER: P1260551

CATALOG NUMBER: P3AS17R659050DE010 E3DL1MW

**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   | 113 | 110 | 107 | 105 | 111 | 108 | 106 | 103 | 104 | 102 | 100 |  | 100 | 99  | 97  |  | 97  |
| 2   | 107 | 102 | 98  | 94  | 105 | 100 | 96  | 93  | 97  | 94  | 91  |  | 94  | 91  | 89  |  | 91  |
| 3   | 101 | 95  | 89  | 85  | 99  | 93  | 88  | 84  | 90  | 86  | 83  |  | 88  | 85  | 82  |  | 86  |
| 4   | 96  | 88  | 82  | 78  | 94  | 87  | 81  | 77  | 85  | 80  | 76  |  | 83  | 79  | 75  |  | 81  |
| 5   | 91  | 82  | 76  | 71  | 89  | 81  | 75  | 71  | 79  | 74  | 70  |  | 77  | 73  | 70  |  | 76  |
| 6   | 86  | 77  | 70  | 66  | 84  | 76  | 70  | 66  | 74  | 69  | 65  |  | 73  | 68  | 65  |  | 72  |
| 7   | 82  | 72  | 66  | 61  | 80  | 71  | 65  | 61  | 70  | 64  | 61  |  | 69  | 64  | 60  |  | 67  |
| 8   | 77  | 67  | 61  | 57  | 76  | 67  | 61  | 57  | 66  | 60  | 57  |  | 65  | 60  | 56  |  | 64  |
| 9   | 74  | 64  | 57  | 53  | 72  | 63  | 57  | 53  | 62  | 57  | 53  |  | 61  | 56  | 53  |  | 60  |
| 10  | 70  | 60  | 54  | 50  | 69  | 59  | 54  | 50  | 59  | 53  | 50  |  | 58  | 53  | 50  |  | 57  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 332758 |
| 5°  | 328769 |
| 10° | 316271 |
| 15° | 296279 |
| 20° | 266490 |
| 25° | 226271 |
| 30° | 176989 |
| 35° | 126110 |
| 40° | 82526  |
| 45° | 51013  |
| 50° | 25893  |
| 55° | 9137   |
| 60° | 8026   |
| 65° | 8042   |
| 70° | 7245   |
| 75° | 7117   |
| 80° | 7072   |
| 85° | 7045   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 51013 cd/sqm

TEST NUMBER: P1260551

CATALOG NUMBER: P3AS17R659050DE010 E3DL1MW

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 140.2  | 9.9       |
| 10°-20°   | 363.2  | 25.7      |
| 20°-30°   | 424.5  | 30.1      |
| 30°-40°   | 296.6  | 21.0      |
| 40°-50°   | 130.6  | 9.3       |
| 50°-60°   | 29.1   | 2.1       |
| 60°-70°   | 14.8   | 1.1       |
| 70°-80°   | 8.9    | 0.6       |
| 80°-90°   | 3.0    | 0.2       |
| 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°    | 927.9  | 65.8      |
| 0°-40°    | 1224.6 | 86.8      |
| 0°-60°    | 1384.2 | 98.1      |
| 0°-90°    | 1411.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1411.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1518 |      |
| 5°  | 1494 | 140  |
| 15° | 1305 | 363  |
| 25° | 935  | 424  |
| 35° | 471  | 297  |
| 45° | 164  | 131  |
| 55° | 24   | 29   |
| 65° | 16   | 15   |
| 75° | 8    | 9    |
| 85° | 3    | 3    |
| 90° | 0    |      |

TEST NUMBER: P1260551

CATALOG NUMBER: P3AS17R659050DE010 E3DL1MW

**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1517.5 |
| 2.5°  | 1511.9 |
| 5°    | 1493.6 |
| 7.5°  | 1462.6 |
| 10°   | 1420.4 |
| 12.5° | 1368.4 |
| 15°   | 1305.1 |
| 17.5° | 1227.8 |
| 20°   | 1142.0 |
| 22.5° | 1044.9 |
| 25°   | 935.2  |
| 27.5° | 819.9  |
| 30°   | 699.0  |
| 32.5° | 582.2  |
| 35°   | 471.1  |
| 37.5° | 374.1  |
| 40°   | 288.3  |
| 42.5° | 218.0  |
| 45°   | 164.5  |
| 47.5° | 120.9  |
| 50°   | 75.9   |
| 52.5° | 39.4   |
| 55°   | 23.9   |
| 57.5° | 21.1   |
| 60°   | 18.3   |
| 62.5° | 16.9   |
| 65°   | 15.5   |
| 67.5° | 12.7   |
| 70°   | 11.3   |
| 72.5° | 9.8    |
| 75°   | 8.4    |
| 77.5° | 7.0    |
| 80°   | 5.6    |
| 82.5° | 4.2    |
| 85°   | 2.8    |
| 87.5° | 1.4    |
| 90°   | 0.0    |

(END OF REPORT)