

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: P1248617

Luminaire Tested: P3AS05R559027DE010 E3DL1WH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1248617  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R559027DE010 E3DL1WH  
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

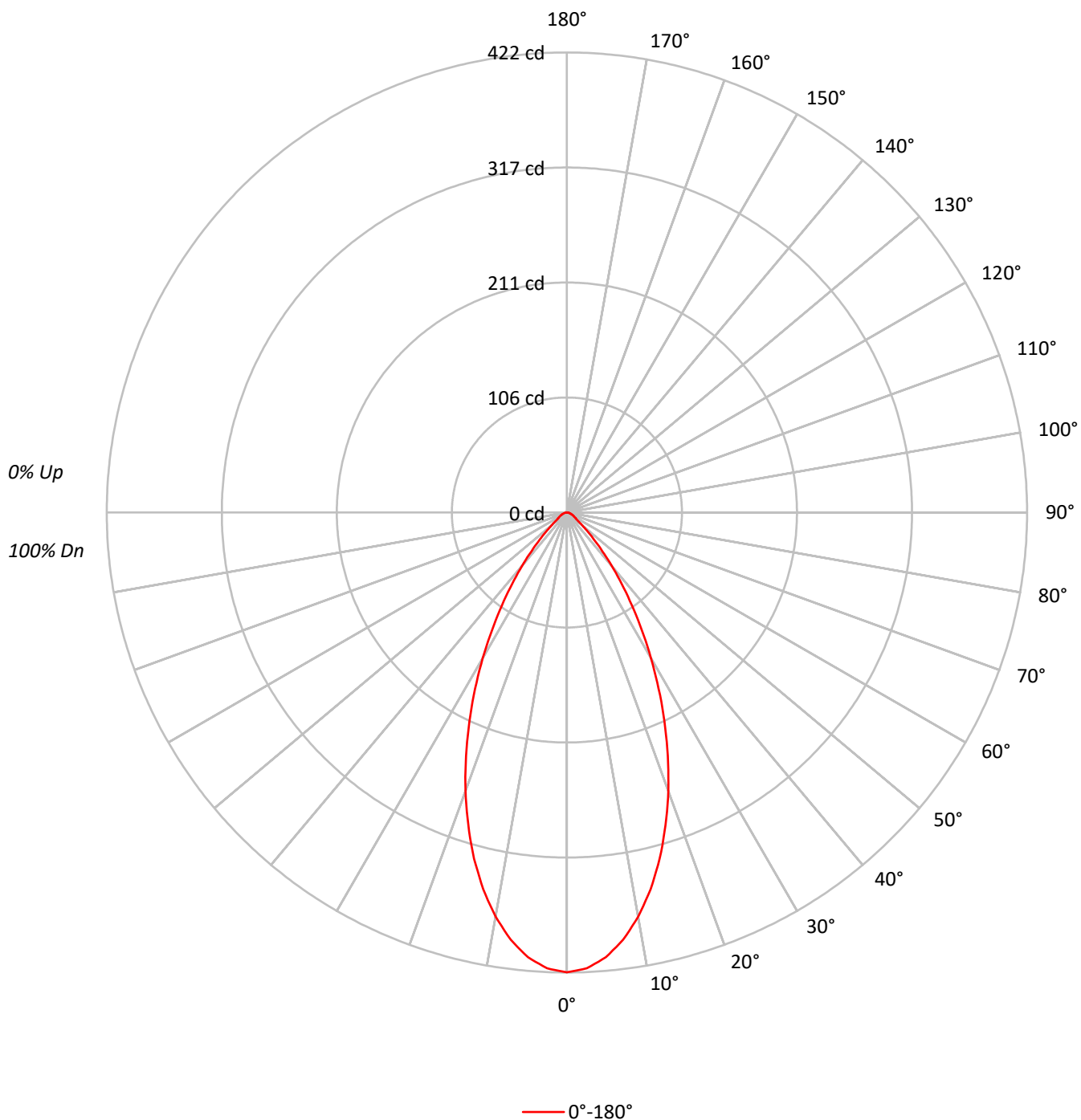
Lumens per Lamp: N/A  
Luminaire Lumens: 340.0 lumens  
Efficiency: N/A  
Efficacy: 47.2 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 7.2  
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: P1248617

CATALOG NUMBER: P3AS05R559027DE010 E3DL1WH

### Luminous Intensity Polar Plot



TEST NUMBER: P1248617

CATALOG NUMBER: P3AS05R559027DE010 E3DL1WH

**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 | 110 | 108 | 105 | 103 | 104 | 102 | 100 |  | 100 | 98  | 97  |  | 97  |
| 2   | 107 | 102 | 97  | 94  | 105 | 100 | 96  | 93  | 97  | 93  | 91  |  | 94  | 91  | 89  |  | 91  |
| 3   | 101 | 94  | 89  | 85  | 99  | 93  | 88  | 84  | 90  | 86  | 83  |  | 88  | 84  | 81  |  | 85  |
| 4   | 96  | 88  | 82  | 77  | 94  | 87  | 81  | 77  | 84  | 80  | 76  |  | 82  | 78  | 75  |  | 80  |
| 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  | 65  | 61  |  | 69  | 64  | 60  |  | 68  |
| 8   | 78  | 68  | 62  | 57  | 76  | 67  | 61  | 57  | 66  | 61  | 57  |  | 65  | 60  | 57  |  | 64  |
| 9   | 74  | 64  | 58  | 54  | 73  | 63  | 58  | 54  | 62  | 57  | 53  |  | 62  | 57  | 53  |  | 61  |
| 10  | 70  | 60  | 55  | 51  | 69  | 60  | 54  | 50  | 59  | 54  | 50  |  | 58  | 54  | 50  |  | 58  |

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

|     |       |
|-----|-------|
|     | 0°    |
| 0°  | 92493 |
| 5°  | 90160 |
| 10° | 83833 |
| 15° | 74643 |
| 20° | 63449 |
| 25° | 51197 |
| 30° | 39019 |
| 35° | 27760 |
| 40° | 18320 |
| 45° | 10854 |
| 50° | 6379  |
| 55° | 3938  |
| 60° | 3465  |
| 65° | 3165  |
| 70° | 2693  |
| 75° | 2372  |
| 80° | 2399  |
| 85° | 2264  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10854 cd/sqm

TEST NUMBER: P1248617

CATALOG NUMBER: P3AS05R559027DE010 E3DL1WH

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 38.0   | 11.2      |
| 10°-20°   | 91.2   | 26.8      |
| 20°-30°   | 96.6   | 28.4      |
| 30°-40°   | 65.2   | 19.2      |
| 40°-50°   | 28.6   | 8.4       |
| 50°-60°   | 10.2   | 3.0       |
| 60°-70°   | 6.0    | 1.8       |
| 70°-80°   | 3.1    | 0.9       |
| 80°-90°   | 1.0    | 0.3       |
| 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°    | 225.8  | 66.4      |
| 0°-40°    | 291.0  | 85.6      |
| 0°-60°    | 329.8  | 97.0      |
| 0°-90°    | 340.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 340.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 422 |      |
| 5°  | 410 | 38   |
| 15° | 329 | 91   |
| 25° | 212 | 97   |
| 35° | 104 | 65   |
| 45° | 35  | 29   |
| 55° | 10  | 10   |
| 65° | 6   | 6    |
| 75° | 3   | 3    |
| 85° | 1   | 1    |
| 90° | 0   |      |

TEST NUMBER: P1248617

CATALOG NUMBER: P3AS05R559027DE010 E3DL1WH

**CANDELA DISTRIBUTION (FULL):**

|       | 0°    |
|-------|-------|
| 0°    | 421.8 |
| 2.5°  | 418.5 |
| 5°    | 409.6 |
| 7.5°  | 395.2 |
| 10°   | 376.5 |
| 12.5° | 354.1 |
| 15°   | 328.8 |
| 17.5° | 300.8 |
| 20°   | 271.9 |
| 22.5° | 241.5 |
| 25°   | 211.6 |
| 27.5° | 182.2 |
| 30°   | 154.1 |
| 32.5° | 127.5 |
| 35°   | 103.7 |
| 37.5° | 82.2  |
| 40°   | 64.0  |
| 42.5° | 48.1  |
| 45°   | 35.0  |
| 47.5° | 25.7  |
| 50°   | 18.7  |
| 52.5° | 13.1  |
| 55°   | 10.3  |
| 57.5° | 9.3   |
| 60°   | 7.9   |
| 62.5° | 7.0   |
| 65°   | 6.1   |
| 67.5° | 5.1   |
| 70°   | 4.2   |
| 72.5° | 3.7   |
| 75°   | 2.8   |
| 77.5° | 2.3   |
| 80°   | 1.9   |
| 82.5° | 1.4   |
| 85°   | 0.9   |
| 87.5° | 0.5   |
| 90°   | 0.0   |

(END OF REPORT)