

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: P1259208

Luminaire Tested: P3AS05R309050DE010 E3CB1MB

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1259208  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R309050DE010 E3CB1MB  
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3CB1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

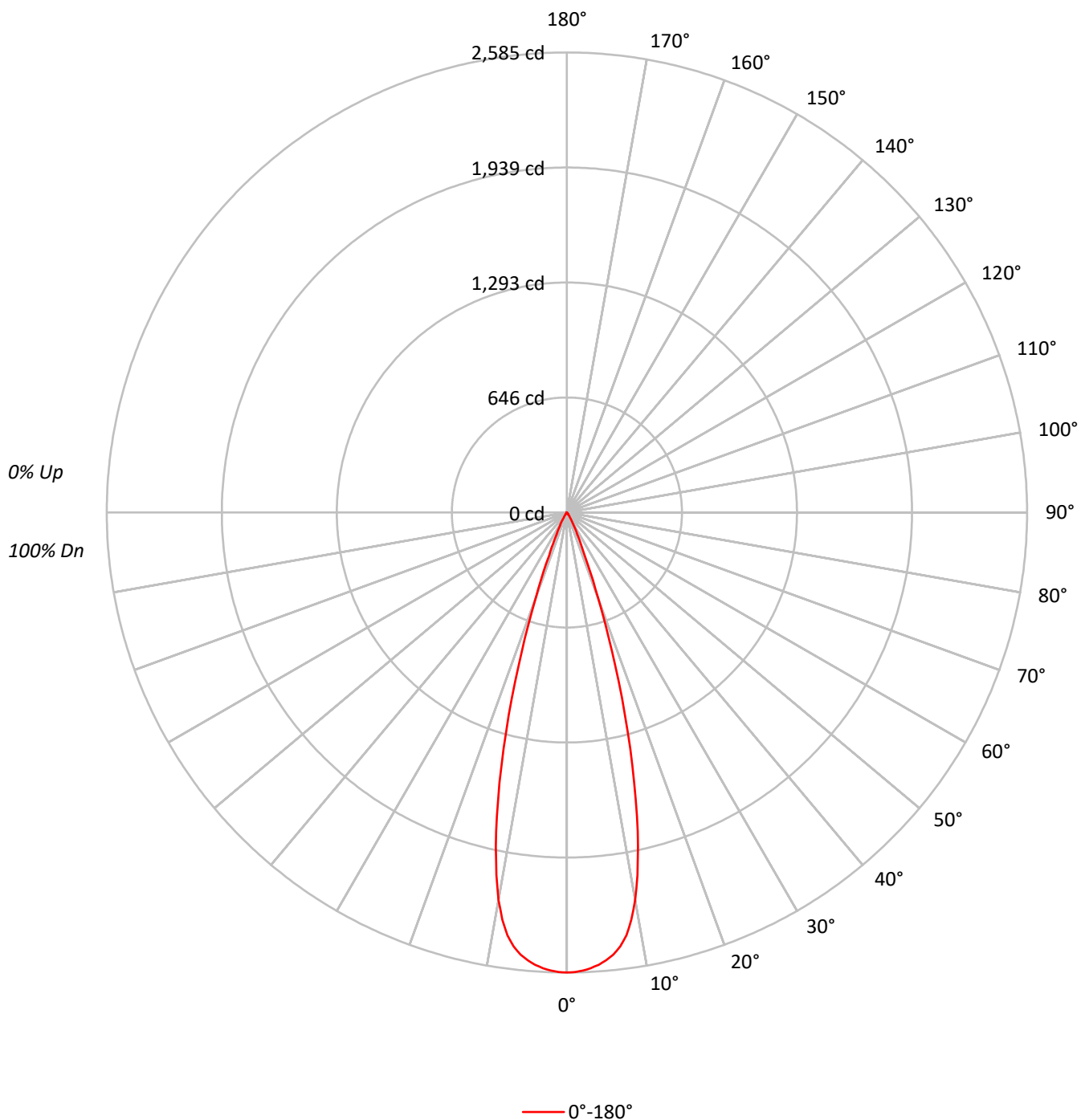
Lumens per Lamp: N/A  
Luminaire Lumens: 695.9 lumens  
Efficiency: N/A  
Efficacy: 96.7 lumens/watt  
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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: P1259208

CATALOG NUMBER: P3AS05R309050DE010 E3CB1MB

### Luminous Intensity Polar Plot



TEST NUMBER: P1259208

CATALOG NUMBER: P3AS05R309050DE010 E3CB1MB

**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   | 115 | 113 | 111 | 109 | 113 | 111 | 109 | 108 | 107 | 106 | 104 |  | 103 | 102 | 101 |  | 100 |
| 2   | 111 | 108 | 105 | 102 | 109 | 106 | 104 | 101 | 103 | 101 | 99  |  | 100 | 99  | 97  |  | 98  |
| 3   | 108 | 103 | 100 | 97  | 106 | 102 | 99  | 96  | 100 | 97  | 95  |  | 97  | 95  | 93  |  | 95  |
| 4   | 105 | 100 | 96  | 93  | 103 | 99  | 95  | 92  | 97  | 94  | 91  |  | 95  | 92  | 90  |  | 93  |
| 5   | 102 | 96  | 92  | 89  | 100 | 95  | 92  | 89  | 94  | 90  | 88  |  | 92  | 89  | 87  |  | 91  |
| 6   | 99  | 93  | 89  | 86  | 98  | 92  | 88  | 86  | 91  | 88  | 85  |  | 90  | 87  | 85  |  | 89  |
| 7   | 96  | 90  | 86  | 83  | 95  | 89  | 86  | 83  | 88  | 85  | 83  |  | 87  | 84  | 82  |  | 86  |
| 8   | 94  | 87  | 83  | 81  | 93  | 87  | 83  | 80  | 86  | 83  | 80  |  | 85  | 82  | 80  |  | 84  |
| 9   | 91  | 85  | 81  | 78  | 90  | 84  | 81  | 78  | 84  | 80  | 78  |  | 83  | 80  | 78  |  | 82  |
| 10  | 89  | 83  | 79  | 76  | 88  | 82  | 78  | 76  | 82  | 78  | 76  |  | 81  | 78  | 76  |  | 80  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 566775 |
| 5°  | 556063 |
| 10° | 492264 |
| 15° | 311875 |
| 20° | 118380 |
| 25° | 35058  |
| 30° | 13850  |
| 35° | 4256   |
| 40° | 1889   |
| 45° | 682    |
| 50° | 546    |
| 55° | 421    |
| 60° | 482    |
| 65° | 571    |
| 70° | 321    |
| 75° | 424    |
| 80° | 631    |
| 85° | 0      |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 682 cd/sqm

TEST NUMBER: P1259208

CATALOG NUMBER: P3AS05R309050DE010 E3CB1MB

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 232.2  | 33.4      |
| 10°-20°   | 361.9  | 52.0      |
| 20°-30°   | 84.0   | 12.1      |
| 30°-40°   | 13.0   | 1.9       |
| 40°-50°   | 2.2    | 0.3       |
| 50°-60°   | 1.0    | 0.1       |
| 60°-70°   | 0.9    | 0.1       |
| 70°-80°   | 0.5    | 0.1       |
| 80°-90°   | 0.1    | 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°    | 678.2  | 97.4      |
| 0°-40°    | 691.2  | 99.3      |
| 0°-60°    | 694.5  | 99.8      |
| 0°-90°    | 695.9  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 695.9  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 2585 |      |
| 5°  | 2526 | 232  |
| 15° | 1374 | 362  |
| 25° | 145  | 84   |
| 35° | 16   | 13   |
| 45° | 2    | 2    |
| 55° | 1    | 1    |
| 65° | 1    | 1    |
| 75° | 0    | 1    |
| 85° | 0    | 0    |
| 90° | 0    |      |

TEST NUMBER: P1259208

CATALOG NUMBER: P3AS05R309050DE010 E3CB1MB

**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 2584.7 |
| 1°    | 2583.1 |
| 2°    | 2576.0 |
| 3°    | 2563.9 |
| 4°    | 2548.6 |
| 5°    | 2526.2 |
| 6°    | 2498.3 |
| 7°    | 2456.8 |
| 8°    | 2399.9 |
| 9°    | 2316.3 |
| 10°   | 2210.8 |
| 11°   | 2074.7 |
| 12°   | 1921.0 |
| 13°   | 1750.5 |
| 14°   | 1563.0 |
| 15°   | 1373.8 |
| 17.5° | 898.7  |
| 20°   | 507.3  |
| 22.5° | 259.1  |
| 25°   | 144.9  |
| 27.5° | 89.1   |
| 30°   | 54.7   |
| 32.5° | 29.5   |
| 35°   | 15.9   |
| 37.5° | 10.4   |
| 40°   | 6.6    |
| 42.5° | 3.8    |
| 45°   | 2.2    |
| 47.5° | 1.6    |
| 50°   | 1.6    |
| 52.5° | 1.1    |
| 55°   | 1.1    |
| 57.5° | 1.1    |
| 60°   | 1.1    |
| 62.5° | 1.1    |
| 65°   | 1.1    |
| 67.5° | 0.5    |
| 70°   | 0.5    |
| 72.5° | 0.5    |
| 75°   | 0.5    |
| 77.5° | 0.5    |
| 80°   | 0.5    |
| 82.5° | 0.0    |
| 85°   | 0.0    |
| 87.5° | 0.0    |



TEST NUMBER: P1259208

CATALOG NUMBER: P3AS05R309050DE010 E3CB1MB

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)