

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: P1264658

Luminaire Tested: P3A09R309730DE010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

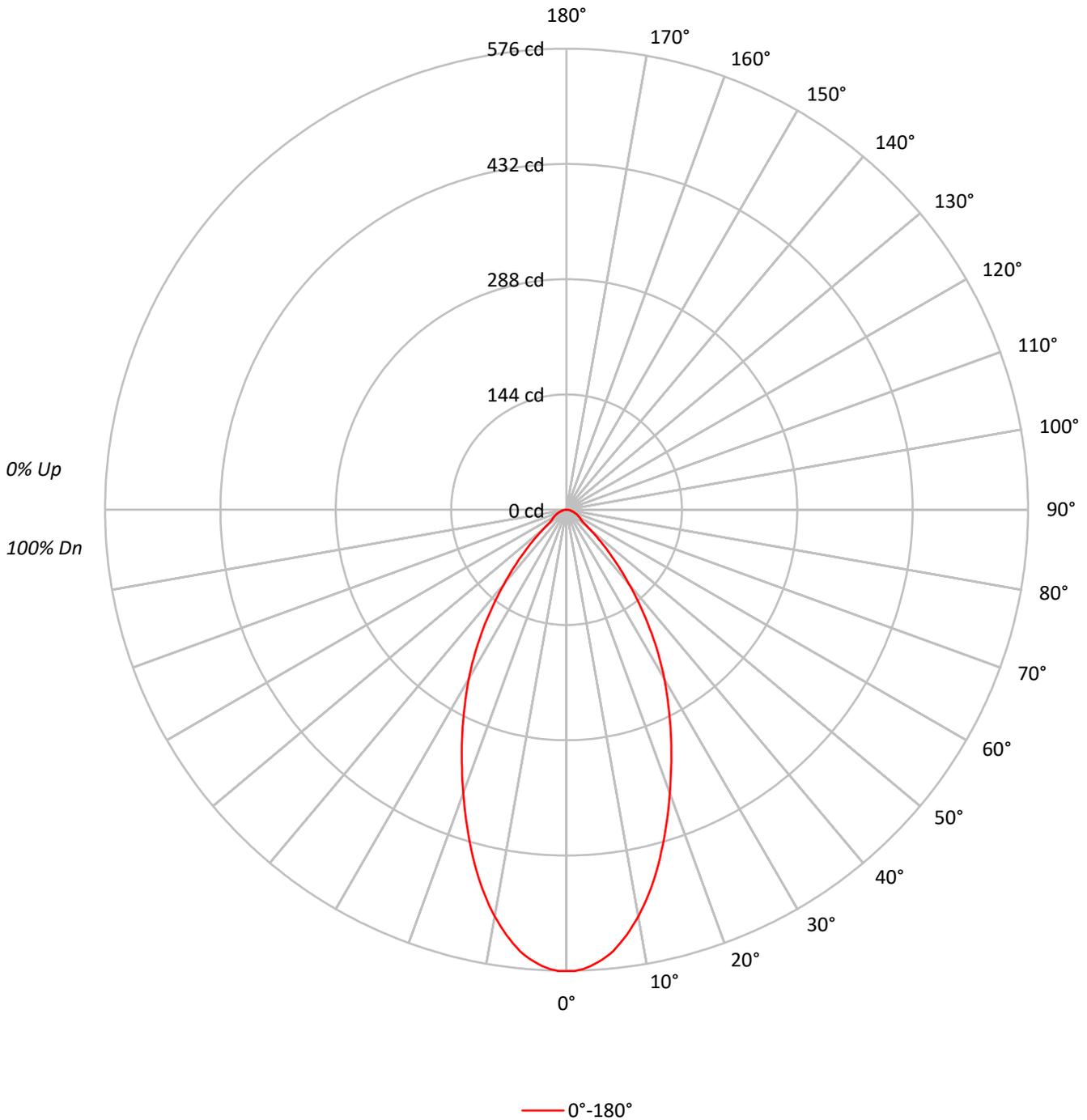
Test Method: LM-79-2019  
Report Number: P1264658  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R309730DE010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 535.0 lumens  
Efficiency: N/A  
Efficacy: 48.2 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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: P1264658  
CATALOG NUMBER: P3A09R309730DE010 E3DLD1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1264658

CATALOG NUMBER: P3A09R309730DE010 E3DLD1MW

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |    |    |     |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |     |     | 10  |     |    | 0  |     |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    | 100 |
| 1   | 112 | 109 | 106 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99  | 99  | 98  | 96  | 96  | 94  | 93  | 91  |    |    | 91  |
| 2   | 106 | 100 | 96  | 92  | 104 | 99  | 94  | 91  | 95  | 92  | 89  | 92  | 89  | 87  | 89  | 87  | 85  | 83  |    |    | 83  |
| 3   | 100 | 92  | 87  | 82  | 98  | 91  | 86  | 82  | 88  | 84  | 80  | 86  | 82  | 79  | 84  | 80  | 78  | 76  |    |    | 76  |
| 4   | 94  | 85  | 79  | 74  | 92  | 84  | 79  | 74  | 82  | 77  | 73  | 80  | 76  | 72  | 78  | 74  | 71  | 70  |    |    | 70  |
| 5   | 89  | 79  | 73  | 68  | 87  | 78  | 72  | 68  | 76  | 71  | 67  | 75  | 70  | 66  | 73  | 69  | 66  | 64  |    |    | 64  |
| 6   | 84  | 74  | 67  | 62  | 82  | 73  | 67  | 62  | 71  | 66  | 62  | 70  | 65  | 61  | 69  | 64  | 61  | 59  |    |    | 59  |
| 7   | 79  | 69  | 62  | 58  | 78  | 68  | 62  | 58  | 67  | 61  | 57  | 66  | 61  | 57  | 65  | 60  | 57  | 55  |    |    | 55  |
| 8   | 75  | 65  | 58  | 54  | 74  | 64  | 58  | 53  | 63  | 57  | 53  | 62  | 57  | 53  | 61  | 56  | 53  | 51  |    |    | 51  |
| 9   | 71  | 61  | 54  | 50  | 70  | 60  | 54  | 50  | 59  | 54  | 50  | 58  | 53  | 50  | 57  | 53  | 49  | 48  |    |    | 48  |
| 10  | 68  | 57  | 51  | 47  | 67  | 57  | 51  | 47  | 56  | 50  | 47  | 55  | 50  | 46  | 54  | 50  | 46  | 45  |    |    | 45  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 126393 |
| 5°  | 123552 |
| 10° | 114894 |
| 15° | 102248 |
| 20° | 87928  |
| 25° | 74496  |
| 30° | 61832  |
| 35° | 48506  |
| 40° | 34779  |
| 45° | 22793  |
| 50° | 12997  |
| 55° | 8525   |
| 60° | 8070   |
| 65° | 7472   |
| 70° | 6732   |
| 75° | 6100   |
| 80° | 5809   |
| 85° | 5032   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 22793 cd/sqm



TEST NUMBER: P1264658  
 CATALOG NUMBER: P3A09R309730DE010 E3DLD1MW

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 52.1   | 9.7       |
| 10°-20°   | 125.2  | 23.4      |
| 20°-30°   | 141.1  | 26.4      |
| 30°-40°   | 112.7  | 21.1      |
| 40°-50°   | 57.9   | 10.8      |
| 50°-60°   | 21.8   | 4.1       |
| 60°-70°   | 14.3   | 2.7       |
| 70°-80°   | 7.7    | 1.4       |
| 80°-90°   | 2.3    | 0.4       |
| 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°    | 318.4  | 59.5      |
| 0°-40°    | 431.1  | 80.6      |
| 0°-60°    | 510.8  | 95.5      |
| 0°-90°    | 535.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 535.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 576 |      |
| 5°  | 561 | 52   |
| 15° | 450 | 125  |
| 25° | 308 | 141  |
| 35° | 181 | 113  |
| 45° | 74  | 58   |
| 55° | 22  | 22   |
| 65° | 14  | 14   |
| 75° | 7   | 8    |
| 85° | 2   | 2    |
| 90° | 0   |      |



TEST NUMBER: P1264658

CATALOG NUMBER: P3A09R309730DE010 E3DLD1MW

**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 576.4 |
| 1°    | 576.4 |
| 2°    | 574.4 |
| 3°    | 571.2 |
| 4°    | 566.6 |
| 5°    | 561.3 |
| 6°    | 554.7 |
| 7°    | 546.2 |
| 8°    | 537.0 |
| 9°    | 526.5 |
| 10°   | 516.0 |
| 11°   | 504.2 |
| 12°   | 491.7 |
| 13°   | 478.6 |
| 14°   | 464.8 |
| 15°   | 450.4 |
| 17.5° | 413.6 |
| 20°   | 376.8 |
| 22.5° | 341.4 |
| 25°   | 307.9 |
| 27.5° | 275.1 |
| 30°   | 244.2 |
| 32.5° | 212.7 |
| 35°   | 181.2 |
| 37.5° | 150.3 |
| 40°   | 121.5 |
| 42.5° | 95.8  |
| 45°   | 73.5  |
| 47.5° | 54.5  |
| 50°   | 38.1  |
| 52.5° | 26.9  |
| 55°   | 22.3  |
| 57.5° | 20.4  |
| 60°   | 18.4  |
| 62.5° | 16.4  |
| 65°   | 14.4  |
| 67.5° | 12.5  |
| 70°   | 10.5  |
| 72.5° | 8.5   |
| 75°   | 7.2   |
| 77.5° | 5.9   |
| 80°   | 4.6   |
| 82.5° | 3.3   |
| 85°   | 2.0   |
| 87.5° | 0.7   |



TEST NUMBER: P1264658  
CATALOG NUMBER: P3A09R309730DE010 E3DLD1MW

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)