

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: P1264696

Luminaire Tested: P3AS09R359730DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1264696  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R359730DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

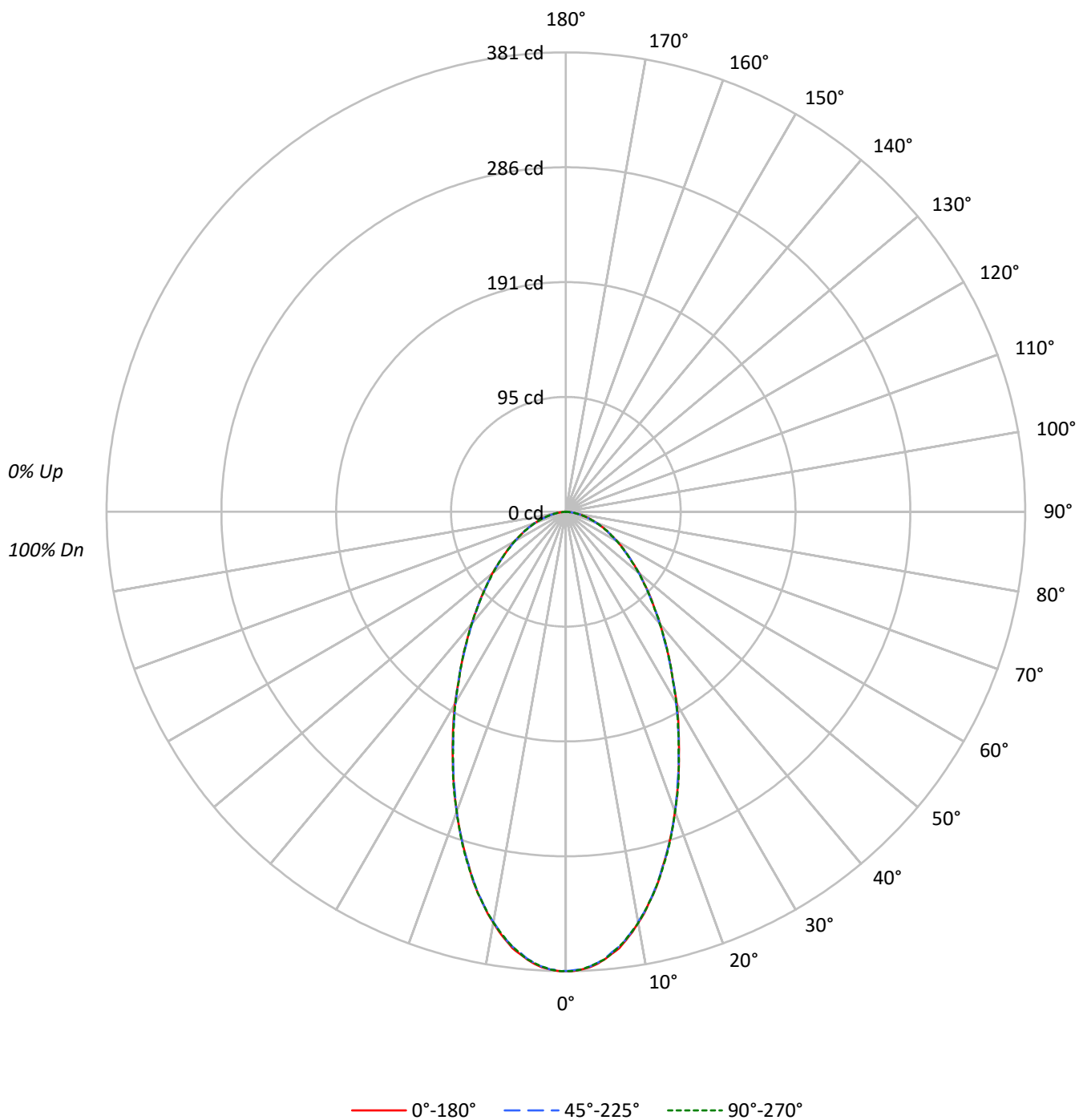
Lumens per Lamp: N/A  
Luminaire Lumens: 509.0 lumens  
Efficiency: N/A  
Efficacy: 45.9 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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: P1264696

CATALOG NUMBER: P3AS09R359730DE010 E3PHLD1MW

### Luminous Intensity Polar Plot



TEST NUMBER: P1264696

CATALOG NUMBER: P3AS09R359730DE010 E3PHLD1MW

**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   | 111 | 107 | 103 | 100 | 108 | 105 | 101 | 99  | 100 | 98  | 95  |  | 97  | 95  | 93  |  | 93  |
| 2   | 103 | 96  | 90  | 85  | 100 | 94  | 89  | 84  | 90  | 86  | 82  |  | 87  | 84  | 81  |  | 84  |
| 3   | 95  | 86  | 79  | 74  | 93  | 85  | 78  | 73  | 82  | 76  | 72  |  | 79  | 75  | 71  |  | 77  |
| 4   | 88  | 78  | 71  | 65  | 86  | 77  | 70  | 65  | 75  | 68  | 64  |  | 72  | 67  | 63  |  | 70  |
| 5   | 82  | 71  | 64  | 58  | 80  | 70  | 63  | 58  | 68  | 62  | 57  |  | 66  | 61  | 56  |  | 65  |
| 6   | 77  | 65  | 58  | 52  | 75  | 65  | 57  | 52  | 63  | 56  | 51  |  | 61  | 55  | 51  |  | 60  |
| 7   | 72  | 60  | 53  | 47  | 71  | 60  | 52  | 47  | 58  | 52  | 47  |  | 57  | 51  | 46  |  | 55  |
| 8   | 68  | 56  | 48  | 43  | 66  | 55  | 48  | 43  | 54  | 47  | 43  |  | 53  | 47  | 43  |  | 52  |
| 9   | 64  | 52  | 45  | 40  | 63  | 51  | 44  | 40  | 50  | 44  | 39  |  | 49  | 44  | 39  |  | 48  |
| 10  | 60  | 49  | 42  | 37  | 59  | 48  | 41  | 37  | 47  | 41  | 37  |  | 46  | 41  | 36  |  | 45  |

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

|     | 0°    | 45°   | 90°   |
|-----|-------|-------|-------|
| 0°  | 83546 | 83546 | 83546 |
| 5°  | 81994 | 81840 | 81994 |
| 10° | 77086 | 76930 | 77086 |
| 15° | 69785 | 69785 | 69944 |
| 20° | 61769 | 61769 | 61769 |
| 25° | 53713 | 53568 | 53568 |
| 30° | 46564 | 46235 | 46412 |
| 35° | 40100 | 39913 | 40100 |
| 40° | 34779 | 34608 | 34779 |
| 45° | 30546 | 30360 | 30360 |
| 50° | 27121 | 26882 | 26882 |
| 55° | 23856 | 23856 | 23856 |
| 60° | 21621 | 21314 | 21621 |
| 65° | 19405 | 19405 | 19405 |
| 70° | 17246 | 17246 | 17246 |
| 75° | 15589 | 14996 | 15589 |
| 80° | 13259 | 13259 | 13259 |
| 85° | 8303  | 8303  | 8303  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30546 cd/sqm

TEST NUMBER: P1264696

CATALOG NUMBER: P3AS09R359730DE010 E3PHLD1MW

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 34.7   | 6.8       |
| 10°-20°   | 85.8   | 16.8      |
| 20°-30°   | 101.9  | 20.0      |
| 30°-40°   | 93.6   | 18.4      |
| 40°-50°   | 76.0   | 14.9      |
| 50°-60°   | 56.3   | 11.1      |
| 60°-70°   | 37.2   | 7.3       |
| 70°-80°   | 19.3   | 3.8       |
| 80°-90°   | 4.3    | 0.9       |
| 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°    | 222.3  | 43.7      |
| 0°-40°    | 316.0  | 62.1      |
| 0°-60°    | 448.2  | 88.1      |
| 0°-90°    | 509.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 509.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0°  | 381 | 381   | 381 | 381   | 381 |      |
| 5°  | 372 | 372   | 372 | 372   | 372 | 35   |
| 15° | 307 | 307   | 307 | 307   | 308 | 86   |
| 25° | 222 | 221   | 221 | 222   | 221 | 102  |
| 35° | 150 | 149   | 149 | 150   | 150 | 94   |
| 45° | 98  | 98    | 98  | 98    | 98  | 76   |
| 55° | 62  | 62    | 62  | 62    | 62  | 56   |
| 65° | 37  | 37    | 37  | 37    | 37  | 37   |
| 75° | 18  | 18    | 18  | 18    | 18  | 19   |
| 85° | 3   | 3     | 3   | 3     | 3   | 4    |
| 90° | 0   | 0     | 0   | 0     | 0   |      |

TEST NUMBER: P1264696

CATALOG NUMBER: P3AS09R359730DE010 E3PHLD1MW

**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 22.5° | 45°   | 67.5° | 90°   |
|-------|-------|-------|-------|-------|-------|
| 0°    | 381.0 | 381.0 | 381.0 | 381.0 | 381.0 |
| 1°    | 381.0 | 380.3 | 380.3 | 380.3 | 381.0 |
| 2°    | 379.7 | 379.7 | 379.7 | 379.7 | 379.7 |
| 3°    | 378.4 | 377.7 | 377.7 | 377.7 | 377.7 |
| 4°    | 375.8 | 375.1 | 375.1 | 375.1 | 375.1 |
| 5°    | 372.5 | 371.8 | 371.8 | 371.8 | 372.5 |
| 6°    | 368.5 | 367.9 | 367.2 | 367.2 | 367.9 |
| 7°    | 364.6 | 363.3 | 363.3 | 363.3 | 363.3 |
| 8°    | 358.7 | 358.0 | 358.0 | 358.0 | 358.0 |
| 9°    | 352.8 | 351.4 | 352.1 | 352.1 | 352.1 |
| 10°   | 346.2 | 345.5 | 345.5 | 345.5 | 346.2 |
| 11°   | 339.6 | 339.0 | 339.0 | 338.3 | 339.0 |
| 12°   | 331.7 | 331.7 | 331.7 | 331.7 | 331.7 |
| 13°   | 324.5 | 323.9 | 323.9 | 323.9 | 324.5 |
| 14°   | 316.6 | 316.0 | 316.0 | 316.0 | 316.0 |
| 15°   | 307.4 | 307.4 | 307.4 | 307.4 | 308.1 |
| 17.5° | 286.4 | 285.8 | 286.4 | 286.4 | 287.1 |
| 20°   | 264.7 | 264.1 | 264.7 | 264.7 | 264.7 |
| 22.5° | 243.1 | 243.1 | 242.4 | 243.1 | 243.7 |
| 25°   | 222.0 | 221.4 | 221.4 | 222.0 | 221.4 |
| 27.5° | 202.3 | 201.7 | 201.7 | 201.7 | 201.7 |
| 30°   | 183.9 | 182.6 | 182.6 | 183.3 | 183.3 |
| 32.5° | 164.9 | 164.9 | 165.5 | 164.9 | 164.9 |
| 35°   | 149.8 | 149.1 | 149.1 | 149.8 | 149.8 |
| 37.5° | 134.7 | 134.0 | 134.0 | 134.7 | 134.7 |
| 40°   | 121.5 | 121.5 | 120.9 | 121.5 | 121.5 |
| 42.5° | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 |
| 45°   | 98.5  | 97.9  | 97.9  | 97.9  | 97.9  |
| 47.5° | 88.0  | 88.0  | 88.0  | 87.4  | 88.0  |
| 50°   | 79.5  | 78.8  | 78.8  | 78.8  | 78.8  |
| 52.5° | 70.3  | 70.3  | 70.3  | 70.3  | 70.3  |
| 55°   | 62.4  | 62.4  | 62.4  | 62.4  | 62.4  |
| 57.5° | 55.8  | 55.2  | 55.2  | 55.2  | 55.2  |
| 60°   | 49.3  | 49.3  | 48.6  | 49.3  | 49.3  |
| 62.5° | 42.7  | 42.7  | 42.7  | 42.7  | 42.7  |
| 65°   | 37.4  | 37.4  | 37.4  | 37.4  | 37.4  |
| 67.5° | 32.2  | 32.2  | 32.2  | 32.2  | 32.2  |
| 70°   | 26.9  | 26.9  | 26.9  | 26.9  | 26.9  |
| 72.5° | 23.0  | 22.3  | 22.3  | 22.3  | 22.3  |
| 75°   | 18.4  | 18.4  | 17.7  | 18.4  | 18.4  |
| 77.5° | 13.8  | 13.8  | 13.8  | 13.8  | 13.8  |
| 80°   | 10.5  | 10.5  | 10.5  | 9.9   | 10.5  |
| 82.5° | 6.6   | 6.6   | 6.6   | 6.6   | 6.6   |
| 85°   | 3.3   | 3.3   | 3.3   | 3.3   | 3.3   |
| 87.5° | 0.7   | 0.7   | 0.7   | 1.3   | 1.3   |



TEST NUMBER: P1264696

CATALOG NUMBER: P3AS09R359730DE010 E3PHLD1MW

CANDELA DISTRIBUTION (continued):

|     | 0°  | 22.5° | 45° | 67.5° | 90° |
|-----|-----|-------|-----|-------|-----|
| 90° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |

(END OF REPORT)