

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: P1266285

Luminaire Tested: P3AS02R359735DE010 E3PH1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1266285  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R359735DE010 E3PH1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3PH1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

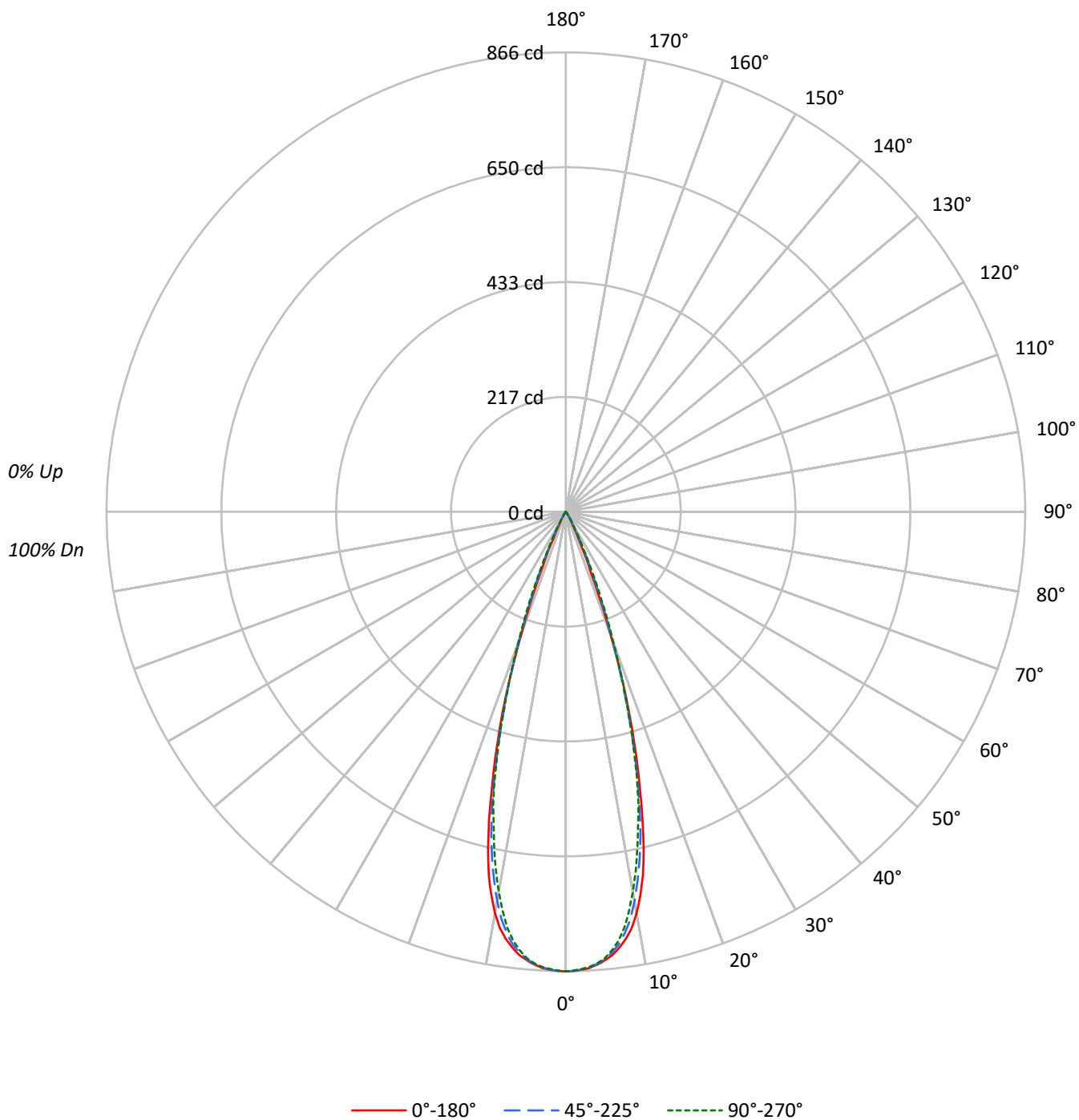
Lumens per Lamp: N/A  
Luminaire Lumens: 263.0 lumens  
Efficiency: N/A  
Efficacy: 73.1 lumens/watt  
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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: P1266285

CATALOG NUMBER: P3AS02R359735DE010 E3PH1MW

### Luminous Intensity Polar Plot



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**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  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | 99 | 98 |
| 1   | 115 | 113 | 111 | 109 | 113 | 111 | 109 | 108 | 107 | 106 | 104 | 103 | 102 | 101 | 100 | 99  | 98  | 97  | 96 | 95 |
| 2   | 111 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 103 | 101 | 99  | 100 | 98  | 97  | 97  | 96  | 95  | 93  | 92 | 91 |
| 3   | 108 | 103 | 100 | 97  | 106 | 102 | 99  | 96  | 99  | 97  | 94  | 97  | 95  | 93  | 95  | 93  | 92  | 90  | 89 | 87 |
| 4   | 104 | 99  | 95  | 92  | 103 | 98  | 94  | 92  | 96  | 93  | 91  | 94  | 92  | 90  | 93  | 90  | 89  | 87  | 85 | 83 |
| 5   | 101 | 95  | 91  | 88  | 100 | 95  | 91  | 88  | 93  | 90  | 87  | 92  | 89  | 87  | 90  | 88  | 86  | 85  | 83 | 81 |
| 6   | 98  | 92  | 88  | 85  | 97  | 91  | 88  | 85  | 90  | 87  | 84  | 89  | 86  | 84  | 88  | 85  | 83  | 82  | 80 | 78 |
| 7   | 96  | 89  | 85  | 82  | 94  | 89  | 85  | 82  | 87  | 84  | 81  | 86  | 83  | 81  | 85  | 83  | 81  | 79  | 77 | 75 |
| 8   | 93  | 86  | 82  | 79  | 92  | 86  | 82  | 79  | 85  | 81  | 79  | 84  | 81  | 79  | 83  | 80  | 78  | 76  | 74 | 72 |
| 9   | 90  | 84  | 80  | 77  | 89  | 83  | 79  | 77  | 82  | 79  | 76  | 82  | 79  | 76  | 81  | 78  | 76  | 74  | 72 | 70 |
| 10  | 88  | 81  | 77  | 75  | 87  | 81  | 77  | 74  | 80  | 77  | 74  | 80  | 76  | 74  | 79  | 76  | 74  | 72  | 70 | 68 |

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

|     | 0°     | 45°    | 90°    |
|-----|--------|--------|--------|
| 0°  | 190007 | 190007 | 190007 |
| 5°  | 186748 | 186352 | 185934 |
| 10° | 171139 | 165996 | 161965 |
| 15° | 122543 | 118639 | 117208 |
| 20° | 56822  | 58782  | 60835  |
| 25° | 13477  | 19187  | 20009  |
| 30° | 3950   | 4532   | 5115   |
| 35° | 910    | 1446   | 1338   |
| 40° | 200    | 401    | 258    |
| 45° | 62     | 62     | 62     |
| 50° | 68     | 0      | 68     |
| 55° | 0      | 0      | 0      |
| 60° | 0      | 0      | 0      |
| 65° | 0      | 0      | 0      |
| 70° | 0      | 0      | 0      |
| 75° | 0      | 0      | 0      |
| 80° | 0      | 0      | 0      |
| 85° | 0      | 0      | 0      |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 52.5°  
Luminance: 72 cd/sqm

TEST NUMBER: P1266285

CATALOG NUMBER: P3AS02R359735DE010 E3PH1MW

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 77.8   | 29.6      |
| 10°-20°   | 139.1  | 52.9      |
| 20°-30°   | 41.8   | 15.9      |
| 30°-40°   | 4.0    | 1.5       |
| 40°-50°   | 0.3    | 0.1       |
| 50°-60°   | 0.0    | 0.0       |
| 60°-70°   | 0.0    | 0.0       |
| 70°-80°   | 0.0    | 0.0       |
| 80°-90°   | 0.0    | 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°    | 258.7  | 98.4      |
| 0°-40°    | 262.7  | 99.9      |
| 0°-60°    | 263.0  | 100.0     |
| 0°-90°    | 263.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 263.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0°  | 866 | 866   | 866 | 866   | 866 |      |
| 5°  | 848 | 848   | 847 | 845   | 845 | 79   |
| 15° | 540 | 536   | 523 | 520   | 516 | 143  |
| 25° | 56  | 61    | 79  | 83    | 83  | 36   |
| 35° | 3   | 4     | 5   | 6     | 5   | 3    |
| 45° | 0   | 0     | 0   | 0     | 0   | 0    |
| 55° | 0   | 0     | 0   | 0     | 0   | 0    |
| 65° | 0   | 0     | 0   | 0     | 0   | 0    |
| 75° | 0   | 0     | 0   | 0     | 0   | 0    |
| 85° | 0   | 0     | 0   | 0     | 0   | 0    |
| 90° | 0   | 0     | 0   | 0     | 0   |      |

TEST NUMBER: P1266285

CATALOG NUMBER: P3AS02R359735DE010 E3PH1MW

**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 22.5° | 45°   | 67.5° | 90°   |
|-------|-------|-------|-------|-------|-------|
| 0°    | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 |
| 1°    | 866.0 | 866.0 | 865.6 | 865.6 | 864.7 |
| 2°    | 864.0 | 864.2 | 863.3 | 863.1 | 862.4 |
| 3°    | 860.8 | 860.2 | 860.2 | 859.7 | 859.2 |
| 4°    | 855.8 | 854.5 | 854.0 | 854.3 | 853.4 |
| 5°    | 848.4 | 848.1 | 846.6 | 845.4 | 844.7 |
| 6°    | 840.2 | 838.6 | 835.2 | 832.3 | 831.6 |
| 7°    | 828.0 | 824.6 | 821.6 | 815.5 | 814.6 |
| 8°    | 813.0 | 807.6 | 801.3 | 792.6 | 792.2 |
| 9°    | 794.7 | 785.8 | 777.0 | 765.5 | 761.4 |
| 10°   | 768.6 | 760.5 | 745.5 | 735.3 | 727.4 |
| 11°   | 736.2 | 726.0 | 708.6 | 696.4 | 689.8 |
| 12°   | 699.5 | 690.0 | 669.6 | 658.5 | 649.2 |
| 13°   | 652.4 | 644.5 | 625.5 | 613.2 | 606.0 |
| 14°   | 597.8 | 591.9 | 573.8 | 568.4 | 565.9 |
| 15°   | 539.8 | 535.8 | 522.6 | 520.3 | 516.3 |
| 17.5° | 397.3 | 390.5 | 383.1 | 384.4 | 385.8 |
| 20°   | 243.5 | 253.0 | 251.9 | 256.9 | 260.7 |
| 22.5° | 121.4 | 133.7 | 147.9 | 156.5 | 160.8 |
| 25°   | 55.7  | 61.4  | 79.3  | 82.7  | 82.7  |
| 27.5° | 28.1  | 29.4  | 37.4  | 38.1  | 39.9  |
| 30°   | 15.6  | 16.8  | 17.9  | 19.9  | 20.2  |
| 32.5° | 7.9   | 9.3   | 9.7   | 10.9  | 10.4  |
| 35°   | 3.4   | 4.5   | 5.4   | 5.9   | 5.0   |
| 37.5° | 1.6   | 2.0   | 2.9   | 2.7   | 2.0   |
| 40°   | 0.7   | 0.9   | 1.4   | 1.1   | 0.9   |
| 42.5° | 0.5   | 0.5   | 0.7   | 0.5   | 0.5   |
| 45°   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| 47.5° | 0.2   | 0.2   | 0.0   | 0.2   | 0.2   |
| 50°   | 0.2   | 0.0   | 0.0   | 0.0   | 0.2   |
| 52.5° | 0.2   | 0.0   | 0.0   | 0.0   | 0.2   |
| 55°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 57.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 60°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 62.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 65°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 67.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 70°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 72.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 75°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 77.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 80°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 82.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 85°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



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**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)