

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: P1274598

Luminaire Tested: P3AS17R709830DE010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1274598  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R709830DE010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 98CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

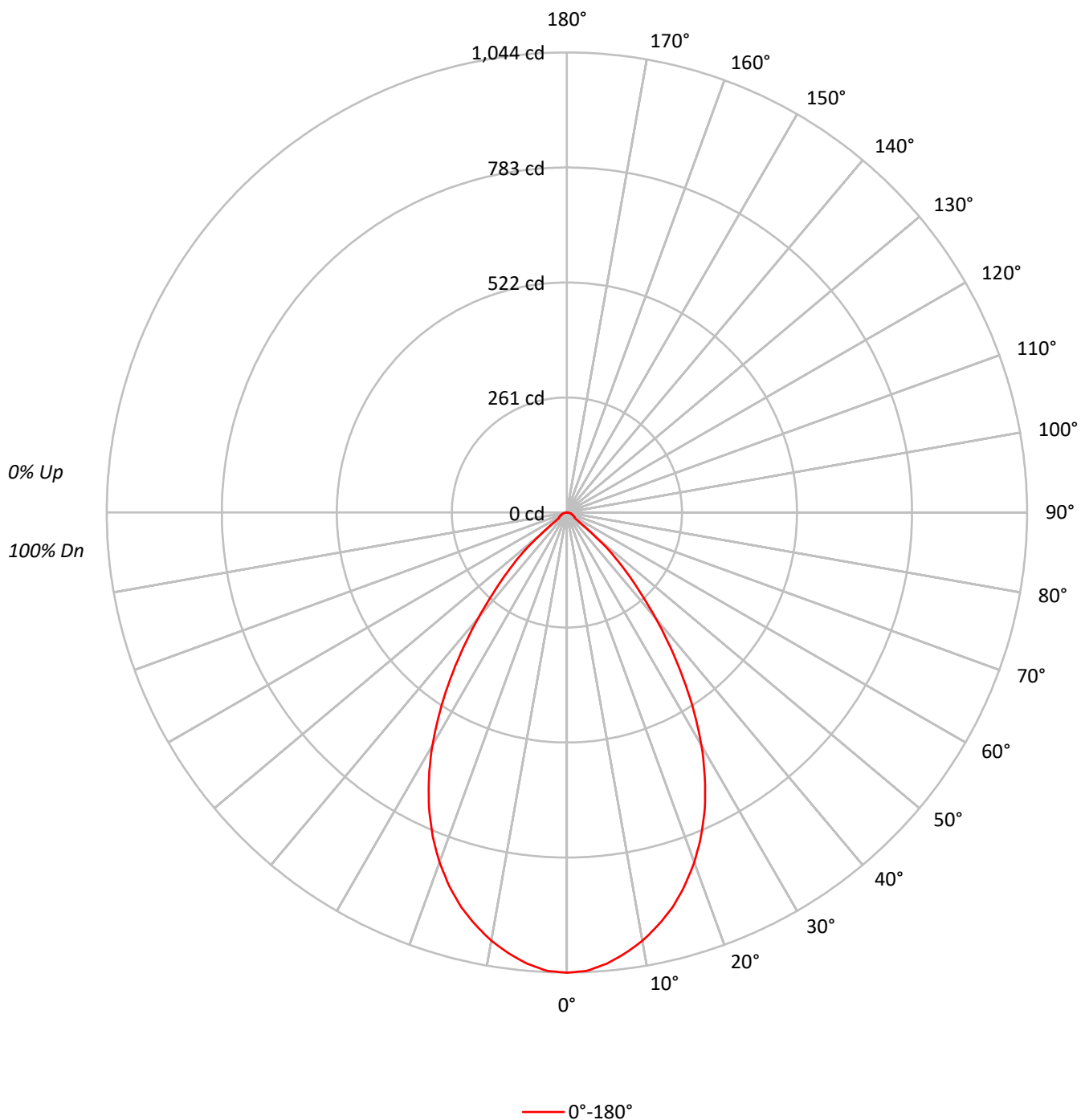
Lumens per Lamp: N/A  
Luminaire Lumens: 1182.9 lumens  
Efficiency: N/A  
Efficacy: 58.0 lumens/watt  
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 20.4  
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: P1274598

CATALOG NUMBER: P3AS17R709830DE010 E3DL1WMH

### Luminous Intensity Polar Plot



TEST NUMBER: P1274598

CATALOG NUMBER: P3AS17R709830DE010 E3DL1WMH

**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 |    |    |
| 1   | 113 | 110 | 107 | 104 | 110 | 107 | 105 | 103 | 103 | 101 | 100 | 100 | 98  | 97  | 96  | 95  | 94  | 92  |    |    |
| 2   | 106 | 101 | 96  | 93  | 104 | 99  | 95  | 92  | 96  | 93  | 90  | 93  | 90  | 88  | 90  | 88  | 86  | 84  |    |    |
| 3   | 100 | 93  | 88  | 83  | 98  | 92  | 87  | 82  | 89  | 85  | 81  | 86  | 83  | 80  | 84  | 81  | 79  | 77  |    |    |
| 4   | 94  | 86  | 80  | 75  | 93  | 85  | 79  | 75  | 83  | 78  | 74  | 81  | 76  | 73  | 79  | 75  | 72  | 70  |    |    |
| 5   | 89  | 80  | 73  | 69  | 87  | 79  | 73  | 68  | 77  | 72  | 68  | 75  | 71  | 67  | 74  | 70  | 66  | 65  |    |    |
| 6   | 84  | 74  | 68  | 63  | 82  | 73  | 67  | 63  | 72  | 66  | 62  | 70  | 65  | 62  | 69  | 65  | 61  | 60  |    |    |
| 7   | 79  | 69  | 62  | 58  | 78  | 68  | 62  | 58  | 67  | 61  | 57  | 66  | 61  | 57  | 65  | 60  | 57  | 55  |    |    |
| 8   | 75  | 65  | 58  | 53  | 74  | 64  | 58  | 53  | 63  | 57  | 53  | 62  | 57  | 53  | 61  | 56  | 53  | 51  |    |    |
| 9   | 71  | 60  | 54  | 50  | 70  | 60  | 54  | 50  | 59  | 53  | 49  | 58  | 53  | 49  | 57  | 52  | 49  | 48  |    |    |
| 10  | 67  | 57  | 50  | 46  | 66  | 56  | 50  | 46  | 55  | 50  | 46  | 55  | 49  | 46  | 54  | 49  | 46  | 44  |    |    |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 229017 |
| 5°  | 226282 |
| 10° | 219724 |
| 15° | 210421 |
| 20° | 197114 |
| 25° | 179067 |
| 30° | 154682 |
| 35° | 123272 |
| 40° | 89797  |
| 45° | 59014  |
| 50° | 27666  |
| 55° | 8525   |
| 60° | 8245   |
| 65° | 7939   |
| 70° | 7501   |
| 75° | 7964   |
| 80° | 7450   |
| 85° | 5787   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 59014 cd/sqm

TEST NUMBER: P1274598

CATALOG NUMBER: P3AS17R709830DE010 E3DL1WMH

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 96.8   | 8.2       |
| 10°-20°   | 259.4  | 21.9      |
| 20°-30°   | 337.2  | 28.5      |
| 30°-40°   | 286.1  | 24.2      |
| 40°-50°   | 147.5  | 12.5      |
| 50°-60°   | 28.4   | 2.4       |
| 60°-70°   | 15.4   | 1.3       |
| 70°-80°   | 9.4    | 0.8       |
| 80°-90°   | 2.7    | 0.2       |
| 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°    | 693.4  | 58.6      |
| 0°-40°    | 979.5  | 82.8      |
| 0°-60°    | 1155.4 | 97.7      |
| 0°-90°    | 1182.9 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1182.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1044 |      |
| 5°  | 1028 | 97   |
| 15° | 927  | 259  |
| 25° | 740  | 337  |
| 35° | 460  | 286  |
| 45° | 190  | 148  |
| 55° | 22   | 28   |
| 65° | 15   | 15   |
| 75° | 9    | 9    |
| 85° | 2    | 3    |
| 90° | 0    |      |

TEST NUMBER: P1274598

CATALOG NUMBER: P3AS17R709830DE010 E3DL1WMH

**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1044.4 |
| 2.5°  | 1040.9 |
| 5°    | 1028.0 |
| 7.5°  | 1009.2 |
| 10°   | 986.8  |
| 12.5° | 958.6  |
| 15°   | 926.9  |
| 17.5° | 888.2  |
| 20°   | 844.7  |
| 22.5° | 795.3  |
| 25°   | 740.1  |
| 27.5° | 677.9  |
| 30°   | 610.9  |
| 32.5° | 536.9  |
| 35°   | 460.5  |
| 37.5° | 385.3  |
| 40°   | 313.7  |
| 42.5° | 246.7  |
| 45°   | 190.3  |
| 47.5° | 139.8  |
| 50°   | 81.1   |
| 52.5° | 35.2   |
| 55°   | 22.3   |
| 57.5° | 21.1   |
| 60°   | 18.8   |
| 62.5° | 17.6   |
| 65°   | 15.3   |
| 67.5° | 14.1   |
| 70°   | 11.7   |
| 72.5° | 10.6   |
| 75°   | 9.4    |
| 77.5° | 7.0    |
| 80°   | 5.9    |
| 82.5° | 3.5    |
| 85°   | 2.3    |
| 87.5° | 1.2    |
| 90°   | 0.0    |

(END OF REPORT)