

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: P1287701

Luminaire Tested: P3AS17R709030D2WDE010 E3D1WH

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1287701  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R709030D2WDE010 E3D1WH  
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3D1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

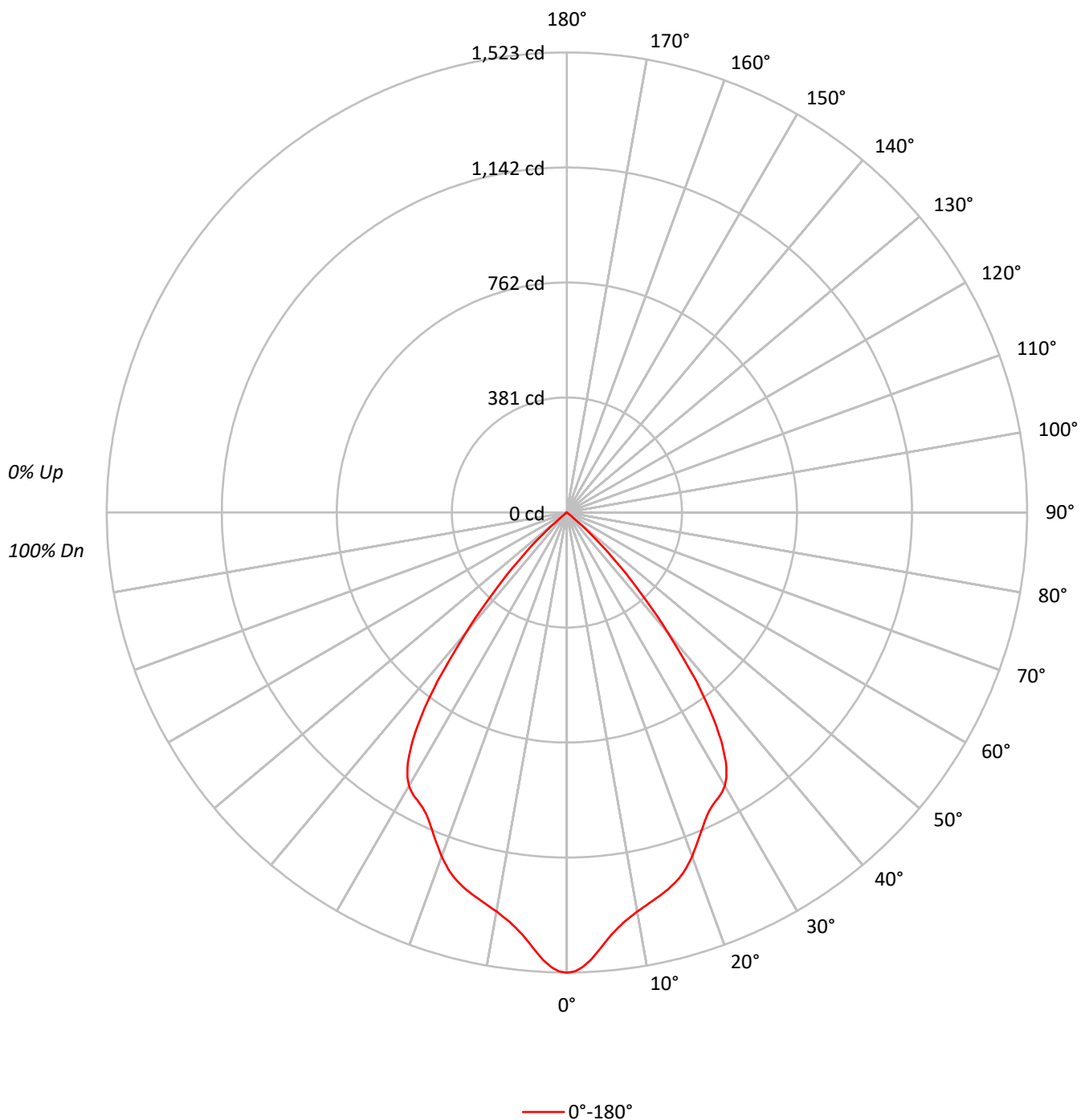
Lumens per Lamp: N/A  
Luminaire Lumens: 1718.0 lumens  
Efficiency: N/A  
Efficacy: 62.9 lumens/watt  
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 27.3  
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: P1287701

CATALOG NUMBER: P3AS17R709030D2WDE010 E3D1WH

### Luminous Intensity Polar Plot



TEST NUMBER: P1287701

CATALOG NUMBER: P3AS17R709030D2WDE010 E3D1WH

**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   | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 |  | 100 | 99  | 97  |  | 97  |
| 2   | 107 | 102 | 98  | 94  | 105 | 100 | 96  | 93  | 97  | 94  | 91  |  | 94  | 91  | 89  |  | 91  |
| 3   | 101 | 94  | 89  | 85  | 99  | 93  | 88  | 84  | 90  | 86  | 83  |  | 88  | 84  | 81  |  | 86  |
| 4   | 95  | 87  | 81  | 77  | 94  | 86  | 81  | 77  | 84  | 79  | 76  |  | 82  | 78  | 75  |  | 80  |
| 5   | 90  | 81  | 75  | 70  | 88  | 80  | 74  | 70  | 78  | 73  | 69  |  | 77  | 72  | 69  |  | 75  |
| 6   | 85  | 75  | 69  | 64  | 83  | 75  | 69  | 64  | 73  | 68  | 64  |  | 72  | 67  | 63  |  | 70  |
| 7   | 80  | 70  | 64  | 59  | 79  | 70  | 63  | 59  | 68  | 63  | 59  |  | 67  | 62  | 58  |  | 66  |
| 8   | 76  | 66  | 59  | 55  | 75  | 65  | 59  | 55  | 64  | 58  | 54  |  | 63  | 58  | 54  |  | 62  |
| 9   | 72  | 61  | 55  | 51  | 71  | 61  | 55  | 51  | 60  | 54  | 50  |  | 59  | 54  | 50  |  | 58  |
| 10  | 68  | 58  | 51  | 47  | 67  | 57  | 51  | 47  | 56  | 51  | 47  |  | 55  | 50  | 47  |  | 55  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 334052 |
| 5°  | 314989 |
| 10° | 298681 |
| 15° | 293305 |
| 20° | 282708 |
| 25° | 266507 |
| 30° | 264598 |
| 35° | 230430 |
| 40° | 149051 |
| 45° | 70457  |
| 50° | 9859   |
| 55° | 803    |
| 60° | 614    |
| 65° | 726    |
| 70° | 449    |
| 75° | 593    |
| 80° | 884    |
| 85° | 0      |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 70457 cd/sqm

TEST NUMBER: P1287701

CATALOG NUMBER: P3AS17R709030D2WDE010 E3D1WH

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 133.6  | 7.8       |
| 10°-20°   | 362.8  | 21.1      |
| 20°-30°   | 513.3  | 29.9      |
| 30°-40°   | 515.8  | 30.0      |
| 40°-50°   | 185.5  | 10.8      |
| 50°-60°   | 5.0    | 0.3       |
| 60°-70°   | 1.1    | 0.1       |
| 70°-80°   | 0.7    | 0.0       |
| 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°    | 1009.7 | 58.8      |
| 0°-40°    | 1525.5 | 88.8      |
| 0°-60°    | 1716.0 | 99.9      |
| 0°-90°    | 1718.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1718.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1523 |      |
| 5°  | 1431 | 134  |
| 15° | 1292 | 363  |
| 25° | 1102 | 513  |
| 35° | 861  | 516  |
| 45° | 227  | 186  |
| 55° | 2    | 5    |
| 65° | 1    | 1    |
| 75° | 1    | 1    |
| 85° | 0    | 0    |
| 90° | 0    |      |

TEST NUMBER: P1287701

CATALOG NUMBER: P3AS17R709030D2WDE010 E3D1WH

**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1523.4 |
| 1°    | 1519.2 |
| 2°    | 1505.8 |
| 3°    | 1484.6 |
| 4°    | 1457.8 |
| 5°    | 1431.0 |
| 6°    | 1405.6 |
| 7°    | 1385.8 |
| 8°    | 1368.2 |
| 9°    | 1354.1 |
| 10°   | 1341.4 |
| 11°   | 1330.8 |
| 12°   | 1320.9 |
| 13°   | 1311.0 |
| 14°   | 1301.8 |
| 15°   | 1292.0 |
| 16°   | 1280.0 |
| 17°   | 1267.3 |
| 18°   | 1251.7 |
| 19°   | 1232.7 |
| 20°   | 1211.5 |
| 21°   | 1188.2 |
| 22°   | 1165.0 |
| 23°   | 1142.4 |
| 24°   | 1120.5 |
| 25°   | 1101.5 |
| 26°   | 1088.0 |
| 27°   | 1077.5 |
| 28°   | 1069.0 |
| 29°   | 1059.1 |
| 30°   | 1045.0 |
| 31°   | 1024.5 |
| 32°   | 995.6  |
| 32.5° | 979.4  |
| 33°   | 957.5  |
| 34°   | 914.5  |
| 35°   | 860.8  |
| 36°   | 801.6  |
| 37°   | 734.5  |
| 37.5° | 703.5  |
| 38°   | 661.2  |
| 39°   | 585.7  |
| 40°   | 520.7  |
| 42.5° | 360.6  |
| 45°   | 227.2  |



TEST NUMBER: P1287701

CATALOG NUMBER: P3AS17R709030D2WDE010 E3D1WH

**CANDELA DISTRIBUTION (continued):**

|       | 0°    |
|-------|-------|
| 47.5° | 122.1 |
| 50°   | 28.9  |
| 52.5° | 3.5   |
| 55°   | 2.1   |
| 57.5° | 2.1   |
| 60°   | 1.4   |
| 62.5° | 1.4   |
| 65°   | 1.4   |
| 67.5° | 0.7   |
| 70°   | 0.7   |
| 72.5° | 0.7   |
| 75°   | 0.7   |
| 77.5° | 0.7   |
| 80°   | 0.7   |
| 82.5° | 0.0   |
| 85°   | 0.0   |
| 87.5° | 0.0   |
| 90°   | 0.0   |

(END OF REPORT)