

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: P1265702

Luminaire Tested: P3AS20R159730D010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1265702  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R159730D010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

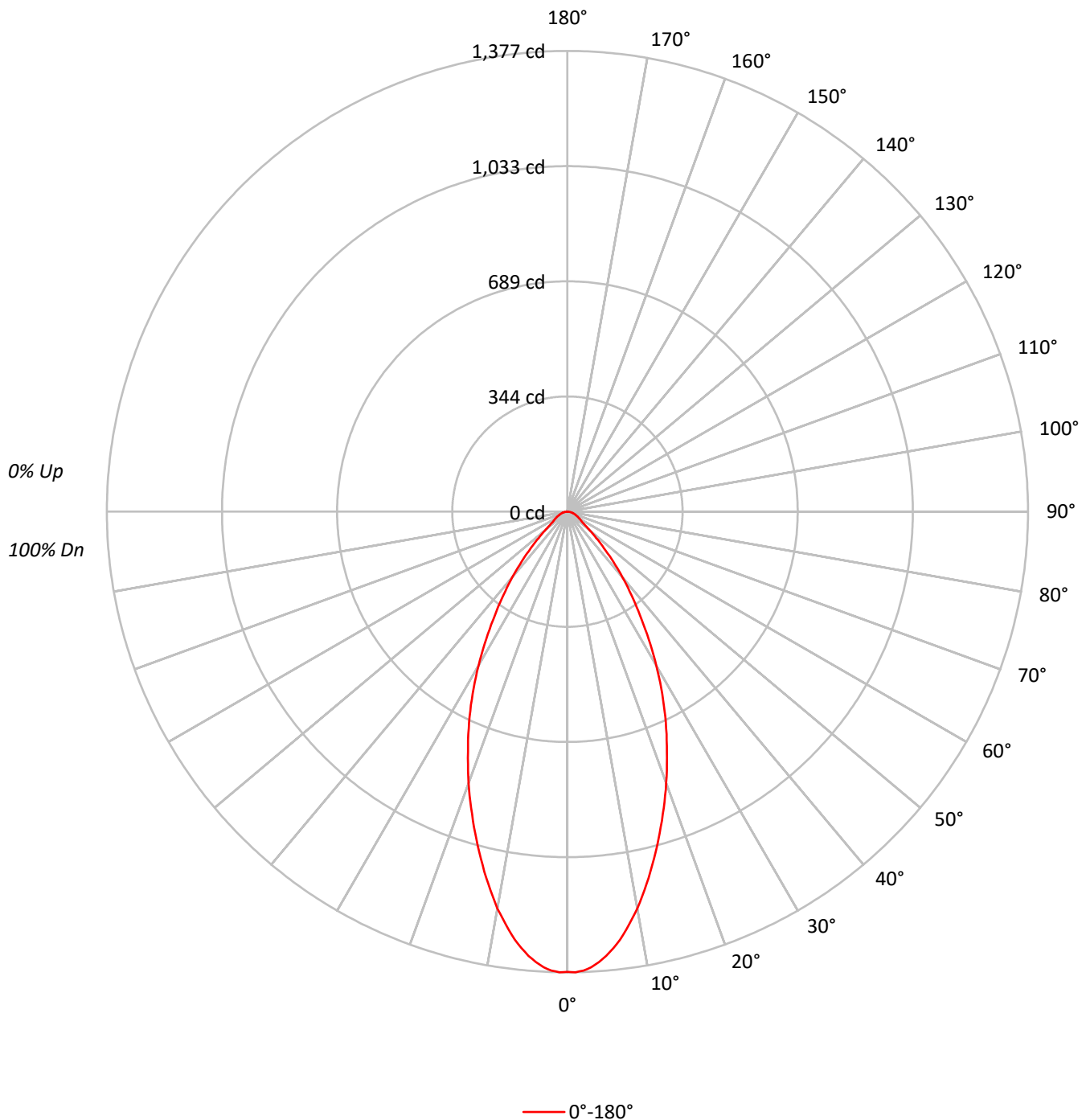
Lumens per Lamp: N/A  
Luminaire Lumens: 1196.0 lumens  
Efficiency: N/A  
Efficacy: 41.5 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 28.8  
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

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### 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  |
| RCR |     |     |     |     |  |     |     |     |     |  |     |     |     |  |     |     |     |  |     |     |     |
| 0   | 119 | 119 | 119 | 119 |  | 116 | 116 | 116 | 116 |  | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 |
| 1   | 113 | 109 | 106 | 104 |  | 110 | 107 | 105 | 102 |  | 103 | 101 | 99  |  | 99  | 98  | 96  |  | 96  | 95  | 93  |
| 2   | 106 | 100 | 96  | 92  |  | 104 | 99  | 95  | 91  |  | 95  | 92  | 89  |  | 92  | 90  | 87  |  | 90  | 87  | 85  |
| 3   | 100 | 93  | 87  | 83  |  | 98  | 91  | 86  | 82  |  | 89  | 84  | 81  |  | 86  | 82  | 79  |  | 84  | 81  | 78  |
| 4   | 94  | 86  | 80  | 75  |  | 92  | 85  | 79  | 74  |  | 82  | 77  | 73  |  | 80  | 76  | 73  |  | 78  | 75  | 72  |
| 5   | 89  | 80  | 73  | 68  |  | 87  | 79  | 73  | 68  |  | 77  | 72  | 67  |  | 75  | 71  | 67  |  | 74  | 69  | 66  |
| 6   | 84  | 74  | 68  | 63  |  | 83  | 73  | 67  | 63  |  | 72  | 66  | 62  |  | 70  | 66  | 62  |  | 69  | 65  | 61  |
| 7   | 80  | 69  | 63  | 58  |  | 78  | 69  | 63  | 58  |  | 67  | 62  | 58  |  | 66  | 61  | 57  |  | 65  | 61  | 57  |
| 8   | 76  | 65  | 59  | 54  |  | 74  | 65  | 58  | 54  |  | 63  | 58  | 54  |  | 62  | 57  | 54  |  | 61  | 57  | 53  |
| 9   | 72  | 61  | 55  | 51  |  | 71  | 61  | 55  | 51  |  | 60  | 54  | 50  |  | 59  | 54  | 50  |  | 58  | 53  | 50  |
| 10  | 68  | 58  | 52  | 48  |  | 67  | 57  | 51  | 47  |  | 57  | 51  | 47  |  | 56  | 51  | 47  |  | 55  | 50  | 47  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 301686 |
| 5°  | 293484 |
| 10° | 268198 |
| 15° | 234916 |
| 20° | 201524 |
| 25° | 168276 |
| 30° | 134654 |
| 35° | 101000 |
| 40° | 73309  |
| 45° | 47912  |
| 50° | 29986  |
| 55° | 20262  |
| 60° | 17937  |
| 65° | 16500  |
| 70° | 15515  |
| 75° | 14149  |
| 80° | 13386  |
| 85° | 11322  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47912 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 123.0  | 10.3      |
| 10°-20°   | 288.3  | 24.1      |
| 20°-30°   | 317.7  | 26.6      |
| 30°-40°   | 237.9  | 19.9      |
| 40°-50°   | 123.3  | 10.3      |
| 50°-60°   | 51.1   | 4.3       |
| 60°-70°   | 31.7   | 2.6       |
| 70°-80°   | 17.8   | 1.5       |
| 80°-90°   | 5.1    | 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       |
| <hr/>     |        |           |
| 0°-30°    | 729.1  | 61.0      |
| 0°-40°    | 967.0  | 80.9      |
| 0°-60°    | 1141.4 | 95.4      |
| 0°-90°    | 1196.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1196.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1376 |      |
| 5°  | 1333 | 123  |
| 15° | 1035 | 288  |
| 25° | 696  | 318  |
| 35° | 377  | 238  |
| 45° | 154  | 123  |
| 55° | 53   | 51   |
| 65° | 32   | 32   |
| 75° | 17   | 18   |
| 85° | 4    | 5    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1375.8 |
| 1°    | 1377.3 |
| 2°    | 1372.7 |
| 3°    | 1363.6 |
| 4°    | 1350.0 |
| 5°    | 1333.3 |
| 6°    | 1312.1 |
| 7°    | 1289.4 |
| 8°    | 1262.1 |
| 9°    | 1233.3 |
| 10°   | 1204.5 |
| 12.5° | 1121.2 |
| 15°   | 1034.8 |
| 17.5° | 948.5  |
| 20°   | 863.6  |
| 22.5° | 777.3  |
| 25°   | 695.5  |
| 27.5° | 613.6  |
| 30°   | 531.8  |
| 32.5° | 451.5  |
| 35°   | 377.3  |
| 37.5° | 313.6  |
| 40°   | 256.1  |
| 42.5° | 203.0  |
| 45°   | 154.5  |
| 47.5° | 116.7  |
| 50°   | 87.9   |
| 52.5° | 65.2   |
| 55°   | 53.0   |
| 57.5° | 47.0   |
| 60°   | 40.9   |
| 62.5° | 36.4   |
| 65°   | 31.8   |
| 67.5° | 27.3   |
| 70°   | 24.2   |
| 72.5° | 19.7   |
| 75°   | 16.7   |
| 77.5° | 13.6   |
| 80°   | 10.6   |
| 82.5° | 7.6    |
| 85°   | 4.5    |
| 87.5° | 1.5    |
| 90°   | 0.0    |

(END OF REPORT)