

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: P1263355

Luminaire Tested: P3A20R209727D010 E3DLD1WH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1263355  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A20R209727D010 E3DLD1WH  
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3DLD1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

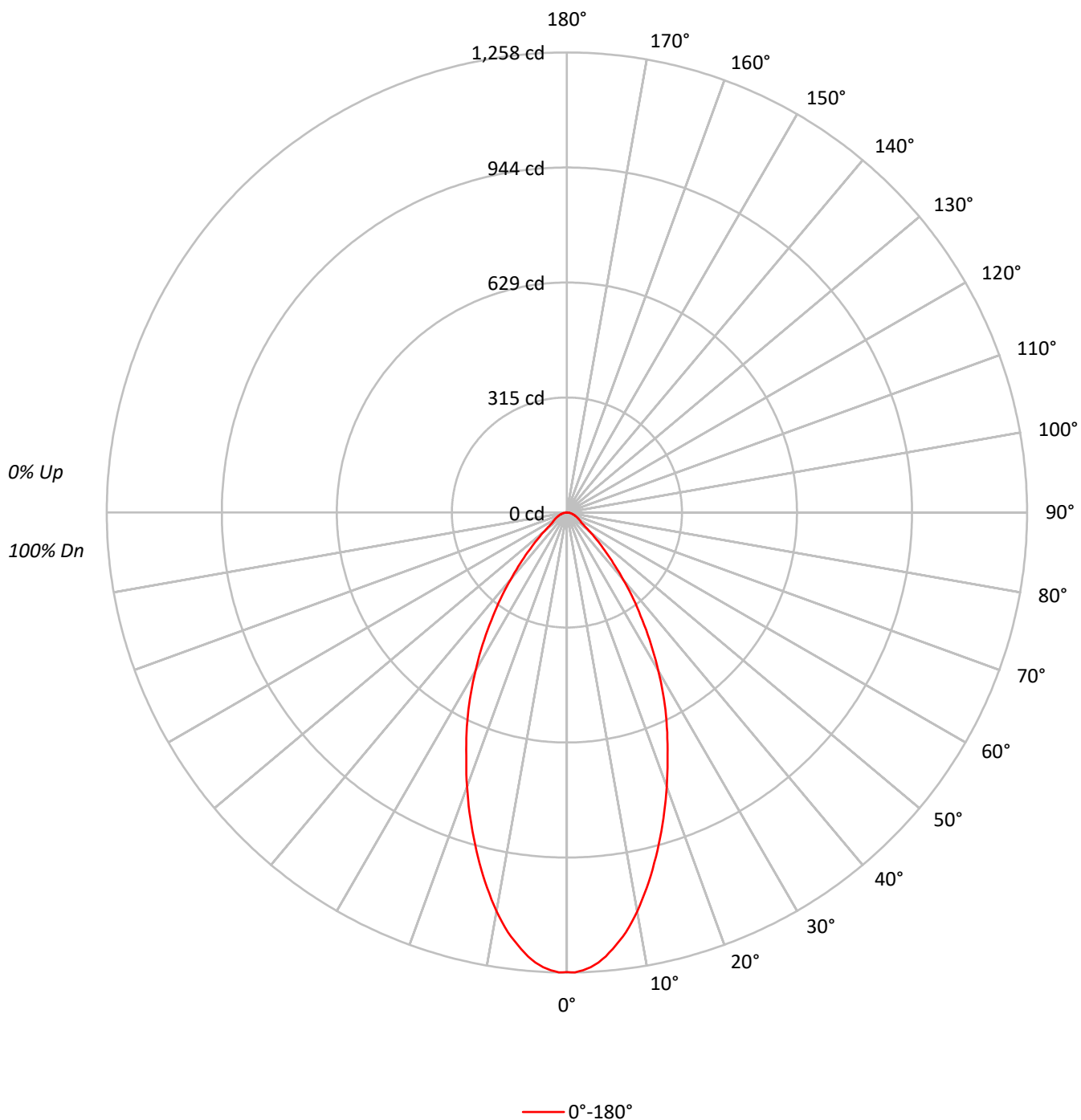
Lumens per Lamp: N/A  
Luminaire Lumens: 1114.0 lumens  
Efficiency: N/A  
Efficacy: 38.7 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 |
| 1   | 113 | 109 | 106 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99  |  | 99  | 98  | 96  |  | 96  |
| 2   | 106 | 100 | 96  | 92  | 104 | 99  | 94  | 91  | 95  | 92  | 89  |  | 92  | 89  | 87  |  | 90  |
| 3   | 100 | 93  | 87  | 82  | 98  | 91  | 86  | 82  | 88  | 84  | 80  |  | 86  | 82  | 79  |  | 84  |
| 4   | 94  | 86  | 79  | 75  | 92  | 85  | 79  | 74  | 82  | 77  | 73  |  | 80  | 76  | 72  |  | 78  |
| 5   | 89  | 80  | 73  | 68  | 87  | 79  | 73  | 68  | 77  | 71  | 67  |  | 75  | 70  | 67  |  | 73  |
| 6   | 84  | 74  | 68  | 63  | 82  | 73  | 67  | 63  | 72  | 66  | 62  |  | 70  | 65  | 62  |  | 69  |
| 7   | 80  | 69  | 63  | 58  | 78  | 69  | 62  | 58  | 67  | 62  | 58  |  | 66  | 61  | 57  |  | 65  |
| 8   | 75  | 65  | 59  | 54  | 74  | 64  | 58  | 54  | 63  | 58  | 54  |  | 62  | 57  | 53  |  | 61  |
| 9   | 72  | 61  | 55  | 50  | 70  | 61  | 55  | 50  | 60  | 54  | 50  |  | 59  | 54  | 50  |  | 58  |
| 10  | 68  | 58  | 51  | 47  | 67  | 57  | 51  | 47  | 56  | 51  | 47  |  | 56  | 51  | 47  |  | 55  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 275548 |
| 5°  | 268192 |
| 10° | 246711 |
| 15° | 217164 |
| 20° | 186240 |
| 25° | 156469 |
| 30° | 126475 |
| 35° | 96209  |
| 40° | 68471  |
| 45° | 45214  |
| 50° | 28008  |
| 55° | 18389  |
| 60° | 16753  |
| 65° | 15410  |
| 70° | 14490  |
| 75° | 13217  |
| 80° | 12502  |
| 85° | 10567  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45214 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 112.7  | 10.1      |
| 10°-20°   | 266.3  | 23.9      |
| 20°-30°   | 295.6  | 26.5      |
| 30°-40°   | 225.5  | 20.2      |
| 40°-50°   | 115.5  | 10.4      |
| 50°-60°   | 47.4   | 4.3       |
| 60°-70°   | 29.6   | 2.7       |
| 70°-80°   | 16.6   | 1.5       |
| 80°-90°   | 4.8    | 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°    | 674.6  | 60.6      |
| 0°-40°    | 900.1  | 80.8      |
| 0°-60°    | 1063.0 | 95.4      |
| 0°-90°    | 1114.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1114.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1257 |      |
| 5°  | 1218 | 113  |
| 15° | 957  | 266  |
| 25° | 647  | 296  |
| 35° | 359  | 225  |
| 45° | 146  | 115  |
| 55° | 48   | 47   |
| 65° | 30   | 30   |
| 75° | 16   | 17   |
| 85° | 4    | 5    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1256.6 |
| 1°    | 1258.0 |
| 2°    | 1252.4 |
| 3°    | 1245.3 |
| 4°    | 1234.0 |
| 5°    | 1218.4 |
| 6°    | 1200.0 |
| 7°    | 1180.2 |
| 8°    | 1159.0 |
| 9°    | 1133.5 |
| 10°   | 1108.0 |
| 12.5° | 1034.4 |
| 15°   | 956.6  |
| 17.5° | 877.4  |
| 20°   | 798.1  |
| 22.5° | 718.9  |
| 25°   | 646.7  |
| 27.5° | 574.5  |
| 30°   | 499.5  |
| 32.5° | 428.8  |
| 35°   | 359.4  |
| 37.5° | 298.6  |
| 40°   | 239.2  |
| 42.5° | 188.2  |
| 45°   | 145.8  |
| 47.5° | 110.4  |
| 50°   | 82.1   |
| 52.5° | 60.8   |
| 55°   | 48.1   |
| 57.5° | 43.9   |
| 60°   | 38.2   |
| 62.5° | 34.0   |
| 65°   | 29.7   |
| 67.5° | 25.5   |
| 70°   | 22.6   |
| 72.5° | 18.4   |
| 75°   | 15.6   |
| 77.5° | 12.7   |
| 80°   | 9.9    |
| 82.5° | 7.1    |
| 85°   | 4.2    |
| 87.5° | 1.4    |
| 90°   | 0.0    |

(END OF REPORT)