

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: P1270179

Luminaire Tested: P3A17R309740DE010 E3DLP1WH

Issue Date: 1/30/2026

**Test Information**

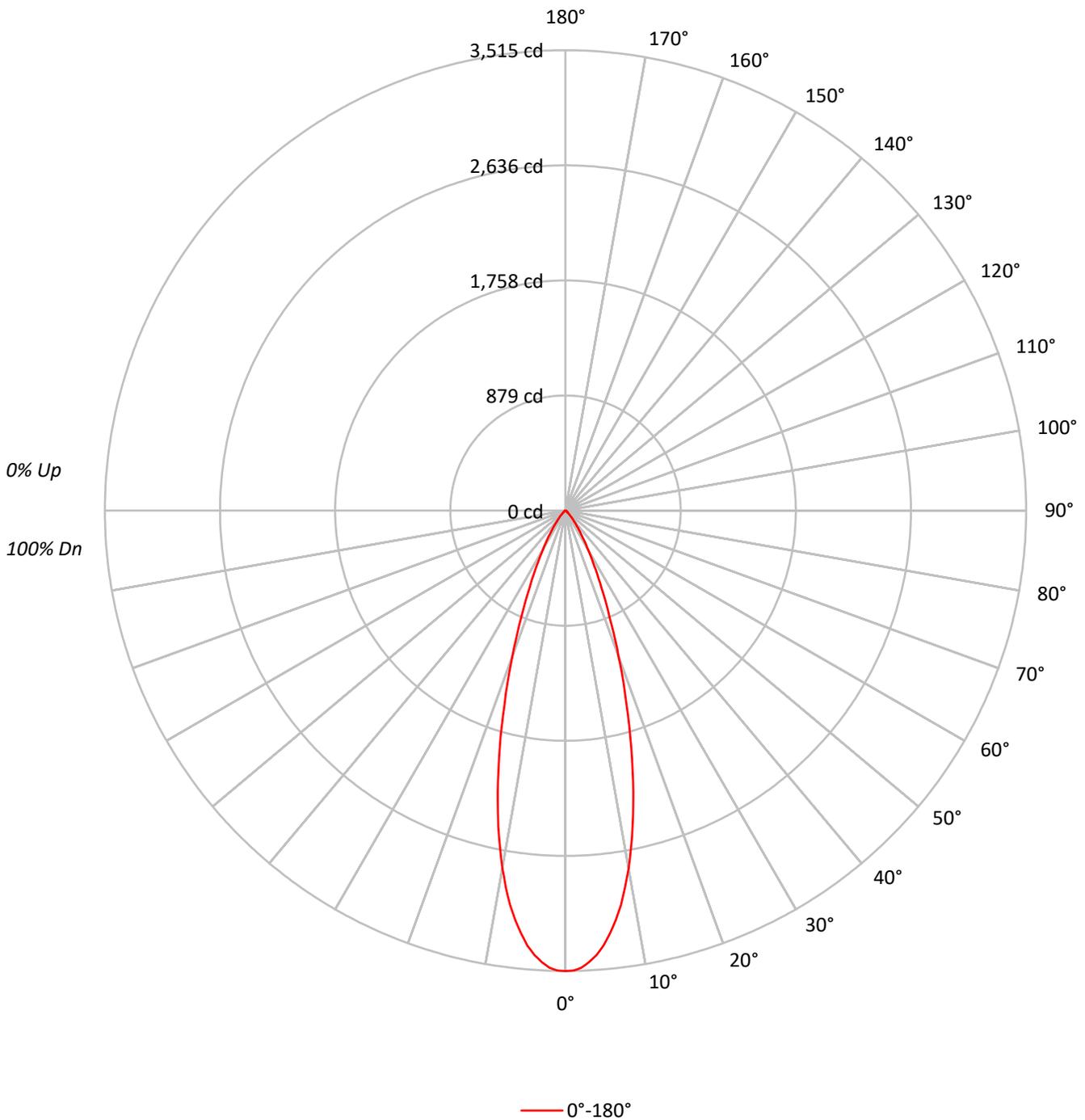
Test Method: LM-79-2019  
Report Number: P1270179  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R309740DE010 E3DLP1WH  
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DLP1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1320.9 lumens  
Efficiency: N/A  
Efficacy: 62.3 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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  |     |    |    | 20 |     |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |     |     | 10  |     |    |    | 0  |     |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 | 0  |     |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | 99 | 98 | 97 | 100 |
| 1   | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99  | 98  | 97  | 95  | 95 | 93 | 92 | 95  |
| 2   | 110 | 105 | 102 | 99  | 107 | 104 | 101 | 98  | 101 | 98  | 96  | 98  | 96  | 94  | 95  | 93  | 92  | 90  | 91 | 89 | 87 | 90  |
| 3   | 105 | 100 | 96  | 92  | 103 | 98  | 95  | 91  | 96  | 93  | 90  | 94  | 91  | 89  | 91  | 89  | 87  | 86  | 88 | 85 | 83 | 86  |
| 4   | 101 | 95  | 90  | 87  | 99  | 94  | 89  | 86  | 92  | 88  | 85  | 90  | 87  | 84  | 88  | 85  | 83  | 82  | 86 | 83 | 80 | 82  |
| 5   | 97  | 90  | 85  | 82  | 96  | 89  | 85  | 81  | 88  | 84  | 81  | 86  | 83  | 80  | 85  | 82  | 79  | 78  | 85 | 82 | 79 | 78  |
| 6   | 94  | 86  | 81  | 78  | 92  | 85  | 81  | 77  | 84  | 80  | 77  | 83  | 79  | 76  | 81  | 78  | 76  | 75  | 81 | 78 | 76 | 75  |
| 7   | 90  | 82  | 77  | 74  | 89  | 82  | 77  | 74  | 81  | 76  | 73  | 80  | 76  | 73  | 79  | 75  | 73  | 71  | 79 | 75 | 73 | 71  |
| 8   | 87  | 79  | 74  | 71  | 86  | 79  | 74  | 71  | 78  | 73  | 70  | 77  | 73  | 70  | 76  | 72  | 70  | 69  | 76 | 72 | 70 | 69  |
| 9   | 84  | 76  | 71  | 68  | 83  | 75  | 71  | 68  | 75  | 70  | 67  | 74  | 70  | 67  | 73  | 70  | 67  | 66  | 73 | 70 | 67 | 66  |
| 10  | 81  | 73  | 68  | 65  | 80  | 73  | 68  | 65  | 72  | 68  | 65  | 71  | 67  | 65  | 71  | 67  | 65  | 63  | 71 | 67 | 65 | 63  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 770837 |
| 5°  | 733676 |
| 10° | 617134 |
| 15° | 445042 |
| 20° | 276057 |
| 25° | 157001 |
| 30° | 87203  |
| 35° | 47435  |
| 40° | 25018  |
| 45° | 13552  |
| 50° | 7232   |
| 55° | 4779   |
| 60° | 4386   |
| 65° | 4514   |
| 70° | 3975   |
| 75° | 3135   |
| 80° | 3157   |
| 85° | 3019   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 13552 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 300.1  | 22.7      |
| 10°-20°   | 533.5  | 40.4      |
| 20°-30°   | 308.3  | 23.3      |
| 30°-40°   | 117.0  | 8.9       |
| 40°-50°   | 35.9   | 2.7       |
| 50°-60°   | 12.1   | 0.9       |
| 60°-70°   | 8.2    | 0.6       |
| 70°-80°   | 4.4    | 0.3       |
| 80°-90°   | 1.3    | 0.1       |
| 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°    | 1142.0 | 86.5      |
| 0°-40°    | 1259.0 | 95.3      |
| 0°-60°    | 1307.0 | 98.9      |
| 0°-90°    | 1320.9 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1320.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 3515 |      |
| 5°  | 3333 | 300  |
| 15° | 1960 | 534  |
| 25° | 649  | 308  |
| 35° | 177  | 117  |
| 45° | 44   | 36   |
| 55° | 12   | 12   |
| 65° | 9    | 8    |
| 75° | 4    | 4    |
| 85° | 1    | 1    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 3515.3 |
| 1°    | 3512.8 |
| 2°    | 3491.6 |
| 3°    | 3451.7 |
| 4°    | 3401.8 |
| 5°    | 3333.1 |
| 6°    | 3245.8 |
| 7°    | 3148.5 |
| 8°    | 3039.9 |
| 9°    | 2910.1 |
| 10°   | 2771.6 |
| 11°   | 2621.8 |
| 12°   | 2463.4 |
| 13°   | 2297.4 |
| 14°   | 2128.9 |
| 15°   | 1960.4 |
| 17.5° | 1546.1 |
| 20°   | 1183.0 |
| 22.5° | 877.3  |
| 25°   | 648.9  |
| 27.5° | 471.7  |
| 30°   | 344.4  |
| 32.5° | 248.3  |
| 35°   | 177.2  |
| 37.5° | 123.5  |
| 40°   | 87.4   |
| 42.5° | 61.1   |
| 45°   | 43.7   |
| 47.5° | 29.9   |
| 50°   | 21.2   |
| 52.5° | 15.0   |
| 55°   | 12.5   |
| 57.5° | 11.2   |
| 60°   | 10.0   |
| 62.5° | 8.7    |
| 65°   | 8.7    |
| 67.5° | 7.5    |
| 70°   | 6.2    |
| 72.5° | 5.0    |
| 75°   | 3.7    |
| 77.5° | 3.7    |
| 80°   | 2.5    |
| 82.5° | 2.5    |
| 85°   | 1.2    |
| 87.5° | 0.0    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)