

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: P1265439

Luminaire Tested: P3A17R359730DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

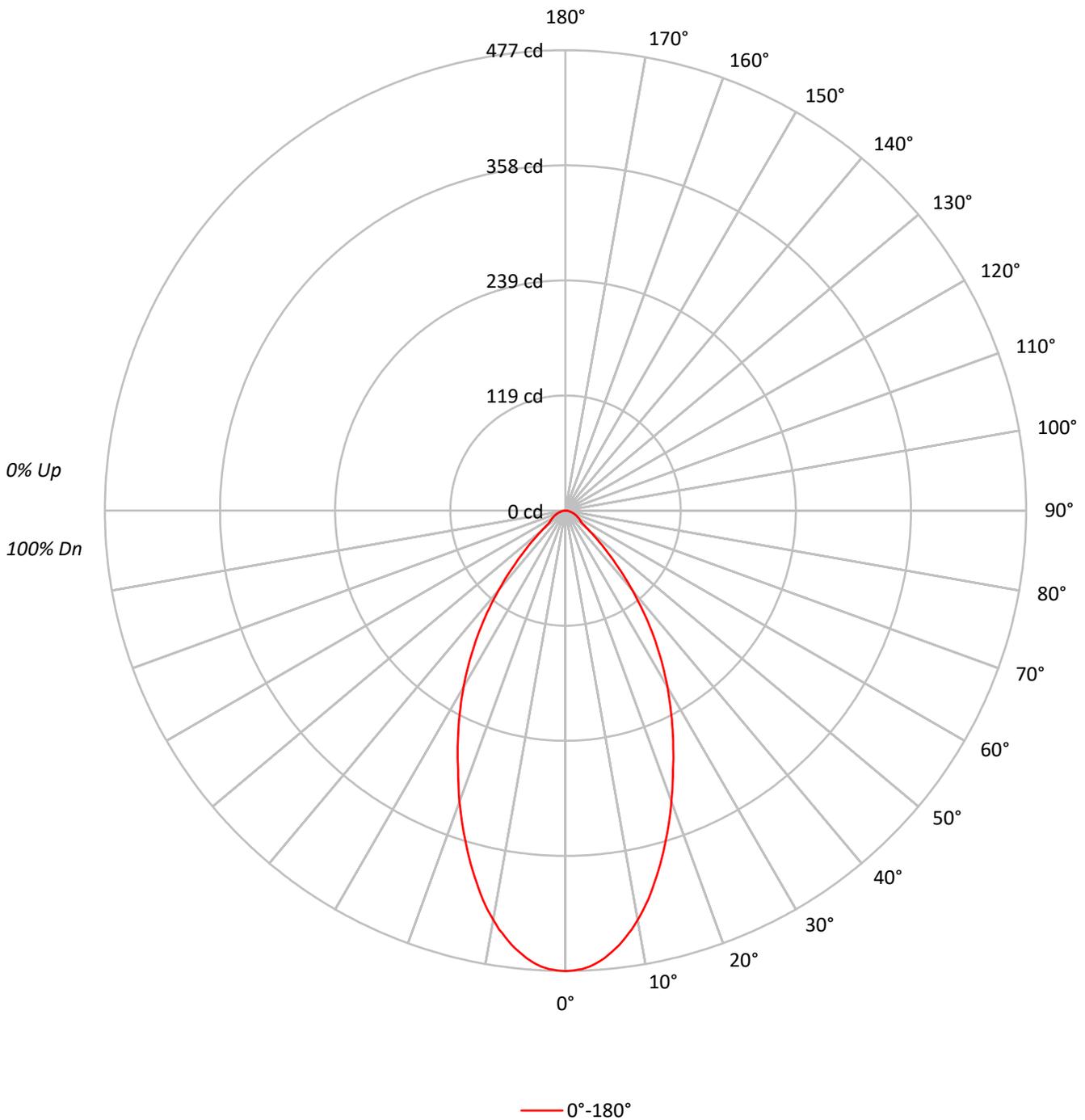
Test Method: LM-79-2019  
Report Number: P1265439  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R359730DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 457.9 lumens  
Efficiency: N/A  
Efficacy: 21.6 lumens/watt  
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87  
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  |     |    |    |   |
| 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 |    |    |   |
| 1   | 112 | 109 | 106 | 104 | 110 | 107 | 104 | 102 | 103 | 101 | 99  | 99  | 98  | 96  | 96  | 94  | 93  | 91  |    |    |   |
| 2   | 106 | 100 | 96  | 92  | 104 | 98  | 94  | 91  | 95  | 92  | 89  | 92  | 89  | 87  | 89  | 87  | 85  | 83  |    |    |   |
| 3   | 100 | 92  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 84  | 80  | 86  | 82  | 79  | 83  | 80  | 78  | 76  |    |    |   |
| 4   | 94  | 85  | 79  | 74  | 92  | 84  | 78  | 74  | 82  | 77  | 73  | 80  | 75  | 72  | 78  | 74  | 71  | 69  |    |    |   |
| 5   | 89  | 79  | 73  | 68  | 87  | 78  | 72  | 67  | 76  | 71  | 67  | 75  | 70  | 66  | 73  | 69  | 66  | 64  |    |    |   |
| 6   | 84  | 74  | 67  | 62  | 82  | 73  | 67  | 62  | 71  | 66  | 61  | 70  | 65  | 61  | 68  | 64  | 61  | 59  |    |    |   |
| 7   | 79  | 69  | 62  | 57  | 78  | 68  | 62  | 57  | 67  | 61  | 57  | 65  | 60  | 57  | 64  | 60  | 56  | 55  |    |    |   |
| 8   | 75  | 64  | 58  | 53  | 74  | 64  | 57  | 53  | 63  | 57  | 53  | 62  | 56  | 53  | 61  | 56  | 52  | 51  |    |    |   |
| 9   | 71  | 60  | 54  | 50  | 70  | 60  | 54  | 50  | 59  | 53  | 49  | 58  | 53  | 49  | 57  | 52  | 49  | 48  |    |    |   |
| 10  | 67  | 57  | 51  | 46  | 66  | 56  | 50  | 46  | 56  | 50  | 46  | 55  | 50  | 46  | 54  | 49  | 46  | 45  |    |    |   |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 104619 |
| 5°  | 102399 |
| 10° | 95901  |
| 15° | 86084  |
| 20° | 74883  |
| 25° | 63802  |
| 30° | 53451  |
| 35° | 42563  |
| 40° | 30772  |
| 45° | 19475  |
| 50° | 10609  |
| 55° | 7340   |
| 60° | 6929   |
| 65° | 6486   |
| 70° | 6155   |
| 75° | 5253   |
| 80° | 5051   |
| 85° | 4277   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 19475 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 43.3   | 9.5       |
| 10°-20°   | 105.5  | 23.0      |
| 20°-30°   | 120.9  | 26.4      |
| 30°-40°   | 98.7   | 21.5      |
| 40°-50°   | 49.8   | 10.9      |
| 50°-60°   | 18.4   | 4.0       |
| 60°-70°   | 12.4   | 2.7       |
| 70°-80°   | 6.9    | 1.5       |
| 80°-90°   | 2.1    | 0.5       |
| 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°    | 269.7  | 58.9      |
| 0°-40°    | 368.4  | 80.5      |
| 0°-60°    | 436.6  | 95.3      |
| 0°-90°    | 457.9  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 457.9  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 477 |      |
| 5°  | 465 | 43   |
| 15° | 379 | 106  |
| 25° | 264 | 121  |
| 35° | 159 | 99   |
| 45° | 63  | 50   |
| 55° | 19  | 18   |
| 65° | 12  | 12   |
| 75° | 6   | 7    |
| 85° | 2   | 2    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 477.1 |
| 1°    | 476.5 |
| 2°    | 475.4 |
| 3°    | 473.1 |
| 4°    | 469.8 |
| 5°    | 465.2 |
| 6°    | 459.6 |
| 7°    | 453.9 |
| 8°    | 446.5 |
| 9°    | 439.2 |
| 10°   | 430.7 |
| 11°   | 421.6 |
| 12°   | 412.0 |
| 13°   | 401.3 |
| 14°   | 390.0 |
| 15°   | 379.2 |
| 17.5° | 350.3 |
| 20°   | 320.9 |
| 22.5° | 290.9 |
| 25°   | 263.7 |
| 27.5° | 237.1 |
| 30°   | 211.1 |
| 32.5° | 185.1 |
| 35°   | 159.0 |
| 37.5° | 133.0 |
| 40°   | 107.5 |
| 42.5° | 83.8  |
| 45°   | 62.8  |
| 47.5° | 45.3  |
| 50°   | 31.1  |
| 52.5° | 22.6  |
| 55°   | 19.2  |
| 57.5° | 17.5  |
| 60°   | 15.8  |
| 62.5° | 14.1  |
| 65°   | 12.5  |
| 67.5° | 10.8  |
| 70°   | 9.6   |
| 72.5° | 7.9   |
| 75°   | 6.2   |
| 77.5° | 5.1   |
| 80°   | 4.0   |
| 82.5° | 2.8   |
| 85°   | 1.7   |
| 87.5° | 1.1   |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)