

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: P1268001

Luminaire Tested: P3AS17R659735DE010 E3DLP1WH

Issue Date: 1/30/2026

**Test Information**

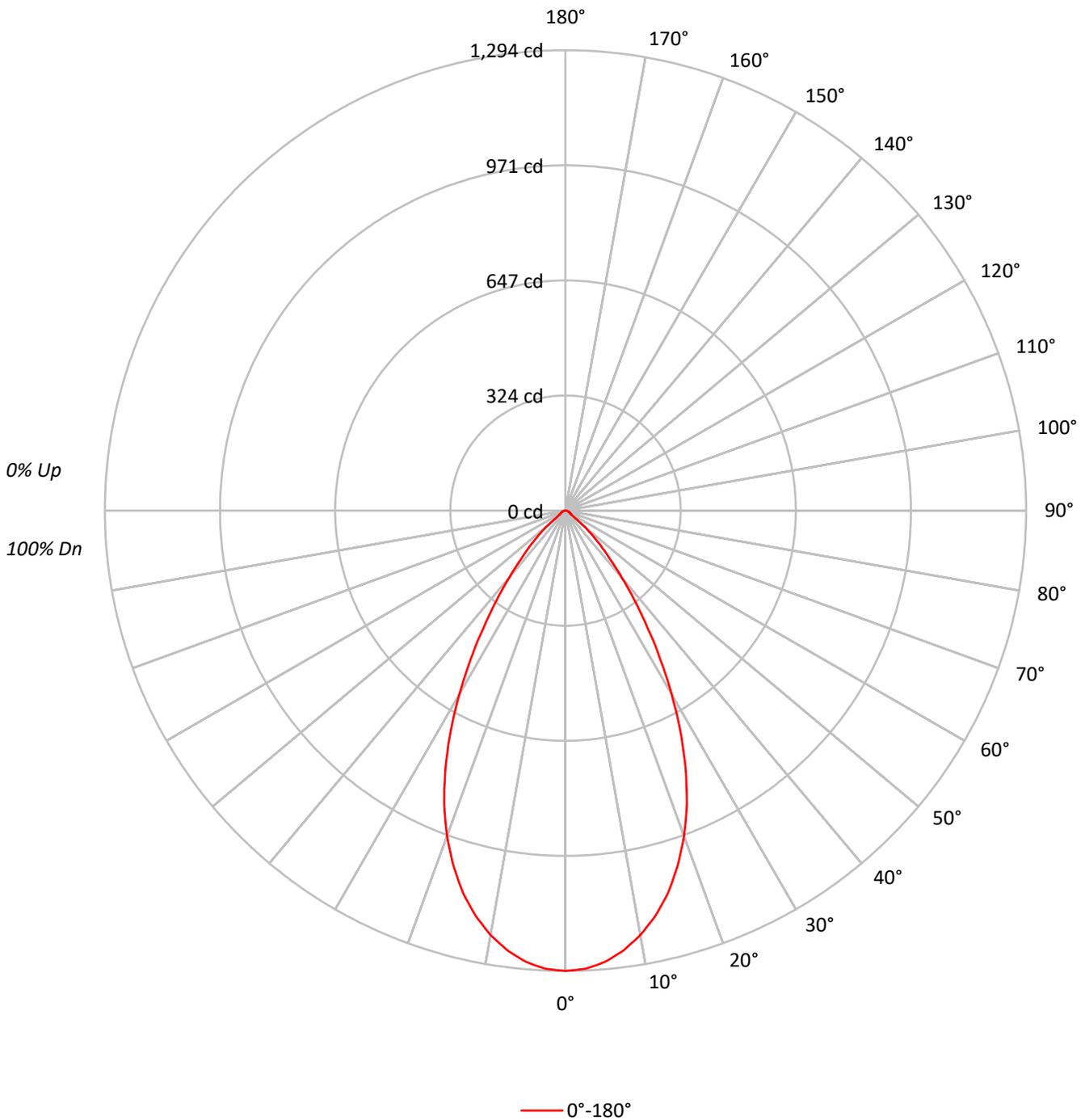
Test Method: LM-79-2019  
Report Number: P1268001  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R659735DE010 E3DLP1WH  
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3DLP1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1203.0 lumens  
Efficiency: N/A  
Efficacy: 56.7 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88  
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 |    |    |    | 100 |
| 1   | 113 | 110 | 107 | 105 | 111 | 108 | 106 | 103 | 104 | 102 | 100 | 100 | 99  | 97  | 97  | 96  | 94  | 93  |    |    |    | 93  |
| 2   | 107 | 102 | 98  | 94  | 105 | 100 | 96  | 93  | 97  | 94  | 91  | 94  | 91  | 89  | 91  | 89  | 87  | 85  |    |    |    | 85  |
| 3   | 101 | 95  | 89  | 85  | 99  | 93  | 88  | 84  | 90  | 86  | 83  | 88  | 85  | 82  | 86  | 83  | 80  | 79  |    |    |    | 79  |
| 4   | 96  | 88  | 82  | 78  | 94  | 87  | 81  | 77  | 85  | 80  | 76  | 83  | 79  | 75  | 81  | 77  | 74  | 73  |    |    |    | 73  |
| 5   | 91  | 82  | 76  | 71  | 89  | 81  | 75  | 71  | 79  | 74  | 70  | 77  | 73  | 70  | 76  | 72  | 69  | 68  |    |    |    | 68  |
| 6   | 86  | 77  | 70  | 66  | 84  | 76  | 70  | 66  | 74  | 69  | 65  | 73  | 68  | 65  | 72  | 67  | 64  | 63  |    |    |    | 63  |
| 7   | 82  | 72  | 66  | 61  | 80  | 71  | 65  | 61  | 70  | 64  | 61  | 69  | 64  | 60  | 67  | 63  | 60  | 58  |    |    |    | 58  |
| 8   | 77  | 67  | 61  | 57  | 76  | 67  | 61  | 57  | 66  | 60  | 57  | 65  | 60  | 56  | 64  | 59  | 56  | 55  |    |    |    | 55  |
| 9   | 74  | 64  | 57  | 53  | 72  | 63  | 57  | 53  | 62  | 57  | 53  | 61  | 56  | 53  | 60  | 56  | 53  | 51  |    |    |    | 51  |
| 10  | 70  | 60  | 54  | 50  | 69  | 59  | 54  | 50  | 59  | 53  | 50  | 58  | 53  | 50  | 57  | 53  | 49  | 48  |    |    |    | 48  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 283705 |
| 5°  | 280299 |
| 10° | 269668 |
| 15° | 252601 |
| 20° | 227193 |
| 25° | 192930 |
| 30° | 150884 |
| 35° | 107532 |
| 40° | 70360  |
| 45° | 43508  |
| 50° | 22072  |
| 55° | 7799   |
| 60° | 6842   |
| 65° | 6849   |
| 70° | 6155   |
| 75° | 6100   |
| 80° | 6061   |
| 85° | 6038   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 43508 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 119.6  | 9.9       |
| 10°-20°   | 309.7  | 25.7      |
| 20°-30°   | 361.9  | 30.1      |
| 30°-40°   | 252.9  | 21.0      |
| 40°-50°   | 111.3  | 9.3       |
| 50°-60°   | 24.8   | 2.1       |
| 60°-70°   | 12.6   | 1.0       |
| 70°-80°   | 7.6    | 0.6       |
| 80°-90°   | 2.6    | 0.2       |
| 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°    | 791.2  | 65.8      |
| 0°-40°    | 1044.1 | 86.8      |
| 0°-60°    | 1180.2 | 98.1      |
| 0°-90°    | 1203.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1203.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1294 |      |
| 5°  | 1273 | 120  |
| 15° | 1113 | 310  |
| 25° | 797  | 362  |
| 35° | 402  | 253  |
| 45° | 140  | 111  |
| 55° | 20   | 25   |
| 65° | 13   | 13   |
| 75° | 7    | 8    |
| 85° | 2    | 3    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1293.8 |
| 2.5°  | 1289.0 |
| 5°    | 1273.4 |
| 7.5°  | 1247.0 |
| 10°   | 1211.1 |
| 12.5° | 1166.7 |
| 15°   | 1112.7 |
| 17.5° | 1046.8 |
| 20°   | 973.6  |
| 22.5° | 890.9  |
| 25°   | 797.4  |
| 27.5° | 699.1  |
| 30°   | 595.9  |
| 32.5° | 496.4  |
| 35°   | 401.7  |
| 37.5° | 318.9  |
| 40°   | 245.8  |
| 42.5° | 185.9  |
| 45°   | 140.3  |
| 47.5° | 103.1  |
| 50°   | 64.7   |
| 52.5° | 33.6   |
| 55°   | 20.4   |
| 57.5° | 18.0   |
| 60°   | 15.6   |
| 62.5° | 14.4   |
| 65°   | 13.2   |
| 67.5° | 10.8   |
| 70°   | 9.6    |
| 72.5° | 8.4    |
| 75°   | 7.2    |
| 77.5° | 6.0    |
| 80°   | 4.8    |
| 82.5° | 3.6    |
| 85°   | 2.4    |
| 87.5° | 1.2    |
| 90°   | 0.0    |

(END OF REPORT)