

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: P1268202

Luminaire Tested: P3AS20R359735D010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1268202  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R359735D010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

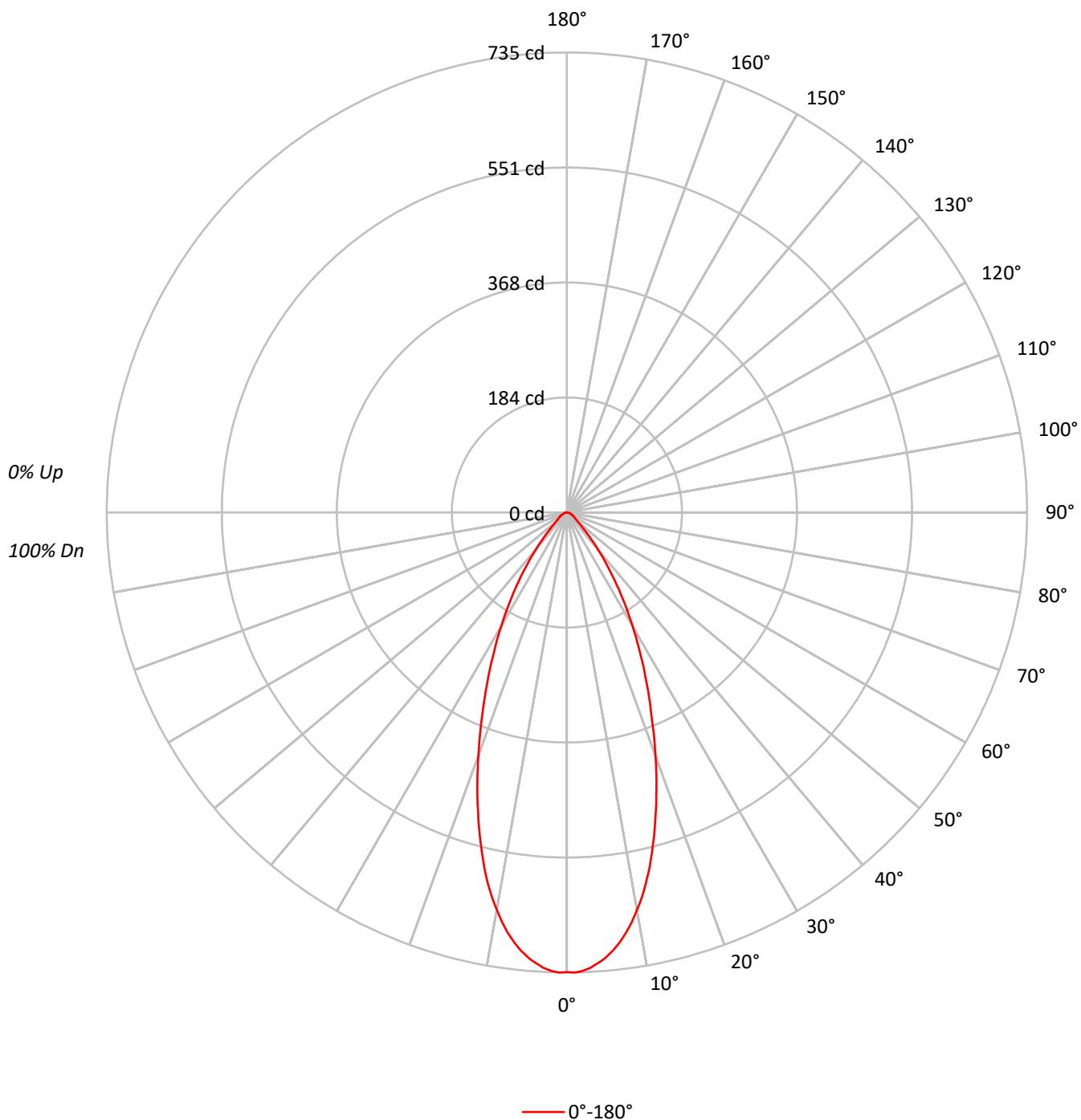
Lumens per Lamp: N/A  
Luminaire Lumens: 501.0 lumens  
Efficiency: N/A  
Efficacy: 17.4 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P1268202

CATALOG NUMBER: P3AS20R359735D010 E3DLP1GPH

### 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 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 |  | 100 | 99  | 97  |  | 97  |
| 2   | 107 | 102 | 98  | 94  | 105 | 100 | 97  | 93  | 97  | 94  | 91  |  | 94  | 92  | 89  |  | 91  |
| 3   | 102 | 95  | 90  | 86  | 100 | 94  | 89  | 85  | 91  | 87  | 84  |  | 89  | 85  | 82  |  | 86  |
| 4   | 97  | 89  | 83  | 79  | 95  | 88  | 82  | 78  | 86  | 81  | 77  |  | 84  | 80  | 77  |  | 82  |
| 5   | 92  | 83  | 77  | 73  | 90  | 82  | 77  | 73  | 81  | 76  | 72  |  | 79  | 75  | 71  |  | 77  |
| 6   | 87  | 78  | 72  | 68  | 86  | 77  | 72  | 68  | 76  | 71  | 67  |  | 75  | 70  | 67  |  | 73  |
| 7   | 83  | 74  | 68  | 63  | 82  | 73  | 67  | 63  | 72  | 67  | 63  |  | 71  | 66  | 63  |  | 69  |
| 8   | 79  | 70  | 64  | 60  | 78  | 69  | 63  | 59  | 68  | 63  | 59  |  | 67  | 62  | 59  |  | 66  |
| 9   | 76  | 66  | 60  | 56  | 75  | 66  | 60  | 56  | 65  | 59  | 56  |  | 64  | 59  | 56  |  | 63  |
| 10  | 72  | 63  | 57  | 53  | 71  | 62  | 57  | 53  | 61  | 56  | 53  |  | 61  | 56  | 53  |  | 60  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 161040 |
| 5°  | 157076 |
| 10° | 143596 |
| 15° | 121885 |
| 20° | 96492  |
| 25° | 72972  |
| 30° | 53122  |
| 35° | 35924  |
| 40° | 22070  |
| 45° | 12683  |
| 50° | 7642   |
| 55° | 6193   |
| 60° | 5394   |
| 65° | 4825   |
| 70° | 3975   |
| 75° | 3897   |
| 80° | 3915   |
| 85° | 3774   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12683 cd/sqm

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CATALOG NUMBER: P3AS20R359735D010 E3DLP1GPH

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 65.9   | 13.2      |
| 10°-20°   | 148.0  | 29.5      |
| 20°-30°   | 138.5  | 27.6      |
| 30°-40°   | 84.7   | 16.9      |
| 40°-50°   | 33.4   | 6.7       |
| 50°-60°   | 14.7   | 2.9       |
| 60°-70°   | 9.2    | 1.8       |
| 70°-80°   | 4.9    | 1.0       |
| 80°-90°   | 1.7    | 0.3       |
| 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°    | 352.4  | 70.3      |
| 0°-40°    | 437.2  | 87.3      |
| 0°-60°    | 485.3  | 96.9      |
| 0°-90°    | 501.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 501.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 734 |      |
| 5°  | 714 | 66   |
| 15° | 537 | 148  |
| 25° | 302 | 138  |
| 35° | 134 | 85   |
| 45° | 41  | 33   |
| 55° | 16  | 15   |
| 65° | 9   | 9    |
| 75° | 5   | 5    |
| 85° | 2   | 2    |
| 90° | 0   |      |

TEST NUMBER: P1268202

CATALOG NUMBER: P3AS20R359735D010 E3DLP1GPH

**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 734.4 |
| 1°    | 735.1 |
| 2°    | 732.8 |
| 3°    | 728.2 |
| 4°    | 721.3 |
| 5°    | 713.6 |
| 6°    | 703.5 |
| 7°    | 692.0 |
| 8°    | 678.1 |
| 9°    | 662.6 |
| 10°   | 644.9 |
| 11°   | 626.4 |
| 12°   | 606.3 |
| 13°   | 584.7 |
| 14°   | 560.8 |
| 15°   | 536.9 |
| 17.5° | 475.2 |
| 20°   | 413.5 |
| 22.5° | 354.1 |
| 25°   | 301.6 |
| 27.5° | 253.0 |
| 30°   | 209.8 |
| 32.5° | 169.7 |
| 35°   | 134.2 |
| 37.5° | 102.6 |
| 40°   | 77.1  |
| 42.5° | 55.5  |
| 45°   | 40.9  |
| 47.5° | 29.3  |
| 50°   | 22.4  |
| 52.5° | 18.5  |
| 55°   | 16.2  |
| 57.5° | 13.9  |
| 60°   | 12.3  |
| 62.5° | 10.8  |
| 65°   | 9.3   |
| 67.5° | 7.7   |
| 70°   | 6.2   |
| 72.5° | 5.4   |
| 75°   | 4.6   |
| 77.5° | 3.9   |
| 80°   | 3.1   |
| 82.5° | 2.3   |
| 85°   | 1.5   |
| 87.5° | 0.8   |



TEST NUMBER: P1268202

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CANDELA DISTRIBUTION (continued):



(END OF REPORT)