

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: P1276823

Luminaire Tested: P3AS20R359835D010 E3DLP1WMH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1276823  
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: P3AS20R359835D010 E3DLP1WMH  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

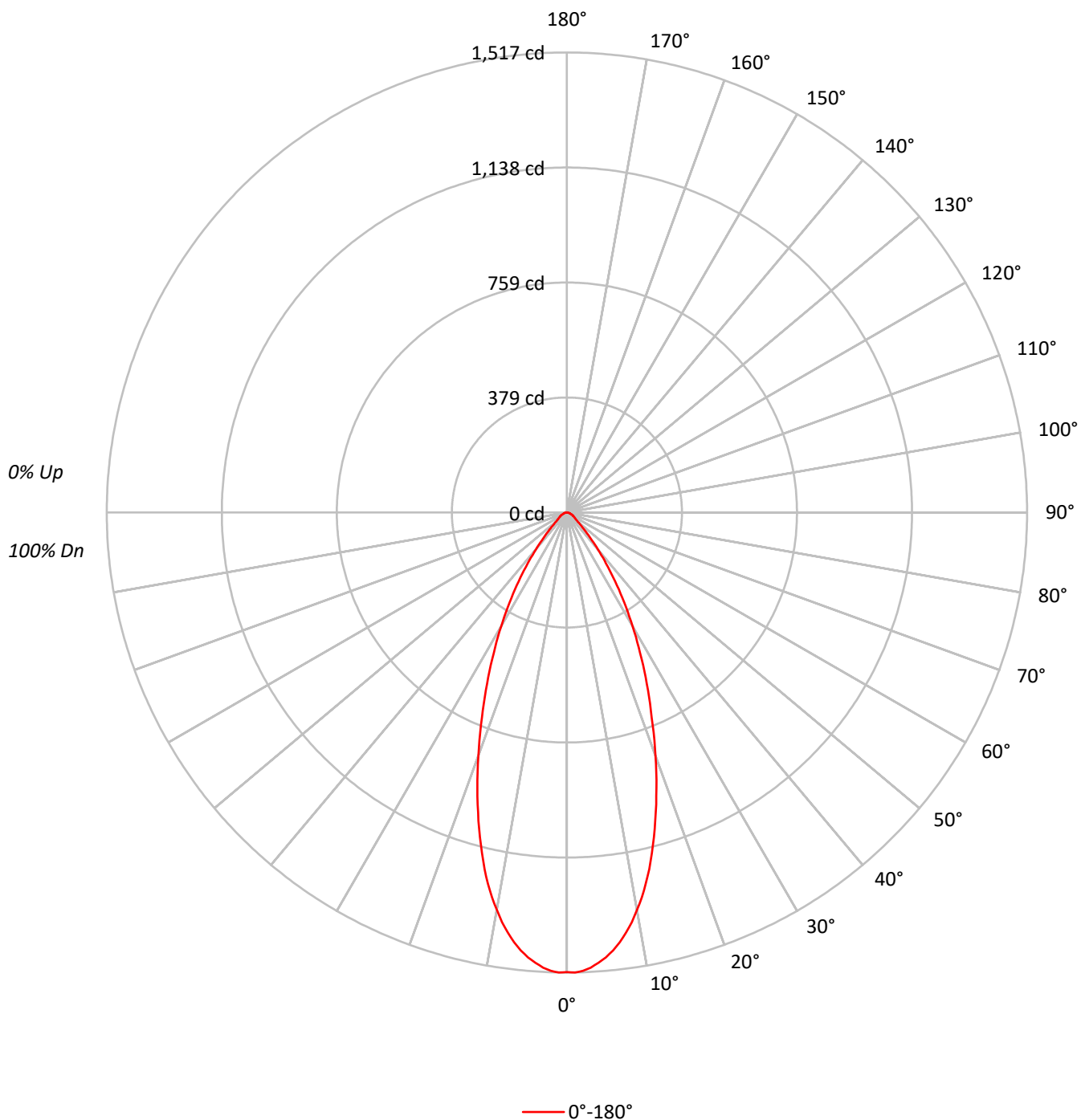
Lumens per Lamp: N/A  
Luminaire Lumens: 1034.0 lumens  
Efficiency: N/A  
Efficacy: 37.7 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 27.4  
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 | 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°  | 332364 |
| 5°  | 324168 |
| 10° | 296365 |
| 15° | 251556 |
| 20° | 199144 |
| 25° | 150614 |
| 30° | 109637 |
| 35° | 74151  |
| 40° | 45571  |
| 45° | 26173  |
| 50° | 15761  |
| 55° | 12769  |
| 60° | 11183  |
| 65° | 9910   |
| 70° | 8142   |
| 75° | 8133   |
| 80° | 8082   |
| 85° | 8051   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26173 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 136.1  | 13.2      |
| 10°-20°   | 305.5  | 29.5      |
| 20°-30°   | 285.8  | 27.6      |
| 30°-40°   | 174.9  | 16.9      |
| 40°-50°   | 68.9   | 6.7       |
| 50°-60°   | 30.4   | 2.9       |
| 60°-70°   | 18.9   | 1.8       |
| 70°-80°   | 10.1   | 1.0       |
| 80°-90°   | 3.5    | 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       |
| 0°-30°    | 727.4  | 70.3      |
| 0°-40°    | 902.3  | 87.3      |
| 0°-60°    | 1001.6 | 96.9      |
| 0°-90°    | 1034.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1034.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1516 |      |
| 5°  | 1473 | 136  |
| 15° | 1108 | 305  |
| 25° | 622  | 286  |
| 35° | 277  | 175  |
| 45° | 84   | 69   |
| 55° | 33   | 30   |
| 65° | 19   | 19   |
| 75° | 10   | 10   |
| 85° | 3    | 3    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1515.7 |
| 1°    | 1517.3 |
| 2°    | 1512.5 |
| 3°    | 1502.9 |
| 4°    | 1488.6 |
| 5°    | 1472.7 |
| 6°    | 1452.0 |
| 7°    | 1428.1 |
| 8°    | 1399.4 |
| 9°    | 1367.6 |
| 10°   | 1331.0 |
| 11°   | 1292.8 |
| 12°   | 1251.4 |
| 13°   | 1206.8 |
| 14°   | 1157.4 |
| 15°   | 1108.1 |
| 17.5° | 980.7  |
| 20°   | 853.4  |
| 22.5° | 730.8  |
| 25°   | 622.5  |
| 27.5° | 522.2  |
| 30°   | 433.0  |
| 32.5° | 350.3  |
| 35°   | 277.0  |
| 37.5° | 211.7  |
| 40°   | 159.2  |
| 42.5° | 114.6  |
| 45°   | 84.4   |
| 47.5° | 60.5   |
| 50°   | 46.2   |
| 52.5° | 38.2   |
| 55°   | 33.4   |
| 57.5° | 28.7   |
| 60°   | 25.5   |
| 62.5° | 22.3   |
| 65°   | 19.1   |
| 67.5° | 15.9   |
| 70°   | 12.7   |
| 72.5° | 11.1   |
| 75°   | 9.6    |
| 77.5° | 8.0    |
| 80°   | 6.4    |
| 82.5° | 4.8    |
| 85°   | 3.2    |
| 87.5° | 1.6    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)