

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: P1265956

Luminaire Tested: P3A20R609730D010 E3DL1H

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1265956  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A20R609730D010 E3DL1H  
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , E3DL1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

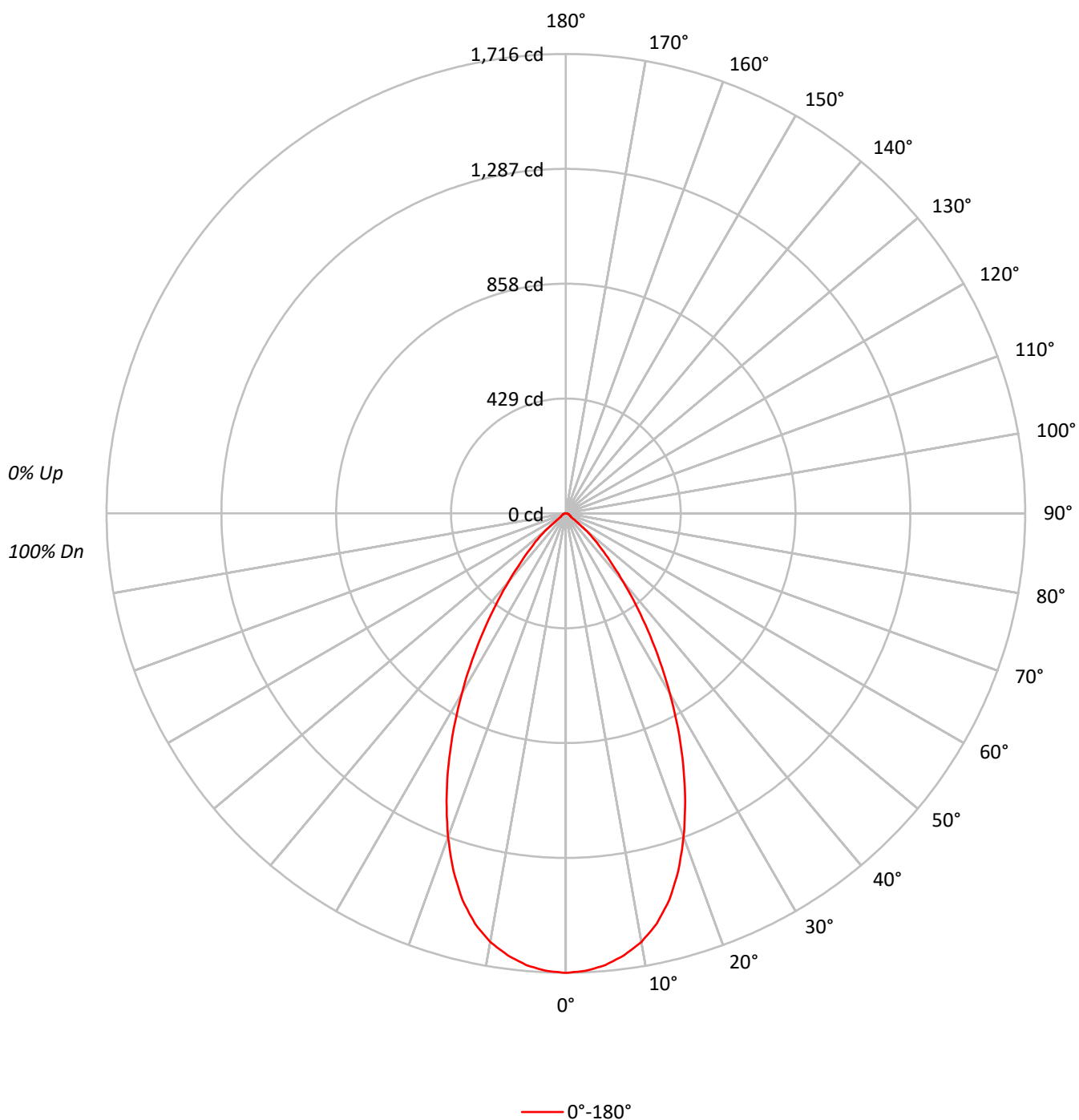
Lumens per Lamp: N/A  
Luminaire Lumens: 1594.0 lumens  
Efficiency: N/A  
Efficacy: 55.3 lumens/watt  
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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

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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 | 103 | 104 | 102 | 100 |  | 100 | 99  | 97  |  | 97  |
| 2   | 107 | 102 | 98  | 94  | 105 | 100 | 96  | 93  | 97  | 94  | 91  |  | 94  | 91  | 89  |  | 91  |
| 3   | 101 | 95  | 89  | 85  | 99  | 93  | 88  | 84  | 91  | 86  | 83  |  | 88  | 85  | 82  |  | 86  |
| 4   | 96  | 88  | 82  | 78  | 94  | 87  | 81  | 77  | 85  | 80  | 76  |  | 83  | 79  | 75  |  | 81  |
| 5   | 91  | 82  | 76  | 71  | 89  | 81  | 75  | 71  | 79  | 74  | 70  |  | 78  | 73  | 70  |  | 76  |
| 6   | 86  | 77  | 70  | 66  | 84  | 76  | 70  | 66  | 74  | 69  | 65  |  | 73  | 68  | 65  |  | 72  |
| 7   | 82  | 72  | 66  | 61  | 80  | 71  | 65  | 61  | 70  | 65  | 61  |  | 69  | 64  | 60  |  | 68  |
| 8   | 77  | 68  | 61  | 57  | 76  | 67  | 61  | 57  | 66  | 60  | 57  |  | 65  | 60  | 56  |  | 64  |
| 9   | 74  | 64  | 57  | 53  | 72  | 63  | 57  | 53  | 62  | 57  | 53  |  | 61  | 56  | 53  |  | 60  |
| 10  | 70  | 60  | 54  | 50  | 69  | 60  | 54  | 50  | 59  | 53  | 50  |  | 58  | 53  | 50  |  | 57  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 376395 |
| 5°  | 372836 |
| 10° | 361962 |
| 15° | 339117 |
| 20° | 300139 |
| 25° | 251095 |
| 30° | 196790 |
| 35° | 142760 |
| 40° | 94978  |
| 45° | 59200  |
| 50° | 32033  |
| 55° | 9252   |
| 60° | 8640   |
| 65° | 7887   |
| 70° | 7758   |
| 75° | 7710   |
| 80° | 7703   |
| 85° | 7548   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 59200 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 159.5  | 10.0      |
| 10°-20°   | 414.4  | 26.0      |
| 20°-30°   | 472.4  | 29.6      |
| 30°-40°   | 335.0  | 21.0      |
| 40°-50°   | 152.0  | 9.5       |
| 50°-60°   | 32.2   | 2.0       |
| 60°-70°   | 15.6   | 1.0       |
| 70°-80°   | 9.6    | 0.6       |
| 80°-90°   | 3.3    | 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       |
| <hr/>     |        |           |
| 0°-30°    | 1046.3 | 65.6      |
| 0°-40°    | 1381.3 | 86.7      |
| 0°-60°    | 1565.5 | 98.2      |
| 0°-90°    | 1594.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1594.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1716 |      |
| 5°  | 1694 | 159  |
| 15° | 1494 | 414  |
| 25° | 1038 | 472  |
| 35° | 533  | 335  |
| 45° | 191  | 152  |
| 55° | 24   | 32   |
| 65° | 15   | 16   |
| 75° | 9    | 10   |
| 85° | 3    | 3    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1716.5 |
| 2.5°  | 1710.4 |
| 5°    | 1693.8 |
| 7.5°  | 1665.0 |
| 10°   | 1625.6 |
| 12.5° | 1569.5 |
| 15°   | 1493.8 |
| 17.5° | 1398.3 |
| 20°   | 1286.2 |
| 22.5° | 1165.0 |
| 25°   | 1037.8 |
| 27.5° | 907.5  |
| 30°   | 777.2  |
| 32.5° | 653.0  |
| 35°   | 533.3  |
| 37.5° | 427.2  |
| 40°   | 331.8  |
| 42.5° | 251.5  |
| 45°   | 190.9  |
| 47.5° | 142.4  |
| 50°   | 93.9   |
| 52.5° | 43.9   |
| 55°   | 24.2   |
| 57.5° | 21.2   |
| 60°   | 19.7   |
| 62.5° | 18.2   |
| 65°   | 15.2   |
| 67.5° | 13.6   |
| 70°   | 12.1   |
| 72.5° | 10.6   |
| 75°   | 9.1    |
| 77.5° | 7.6    |
| 80°   | 6.1    |
| 82.5° | 4.5    |
| 85°   | 3.0    |
| 87.5° | 1.5    |
| 90°   | 0.0    |

(END OF REPORT)