

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: P1265860

Luminaire Tested: P3AS20R409730D010 E3DLP1WMH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1265860  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R409730D010 E3DLP1WMH  
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

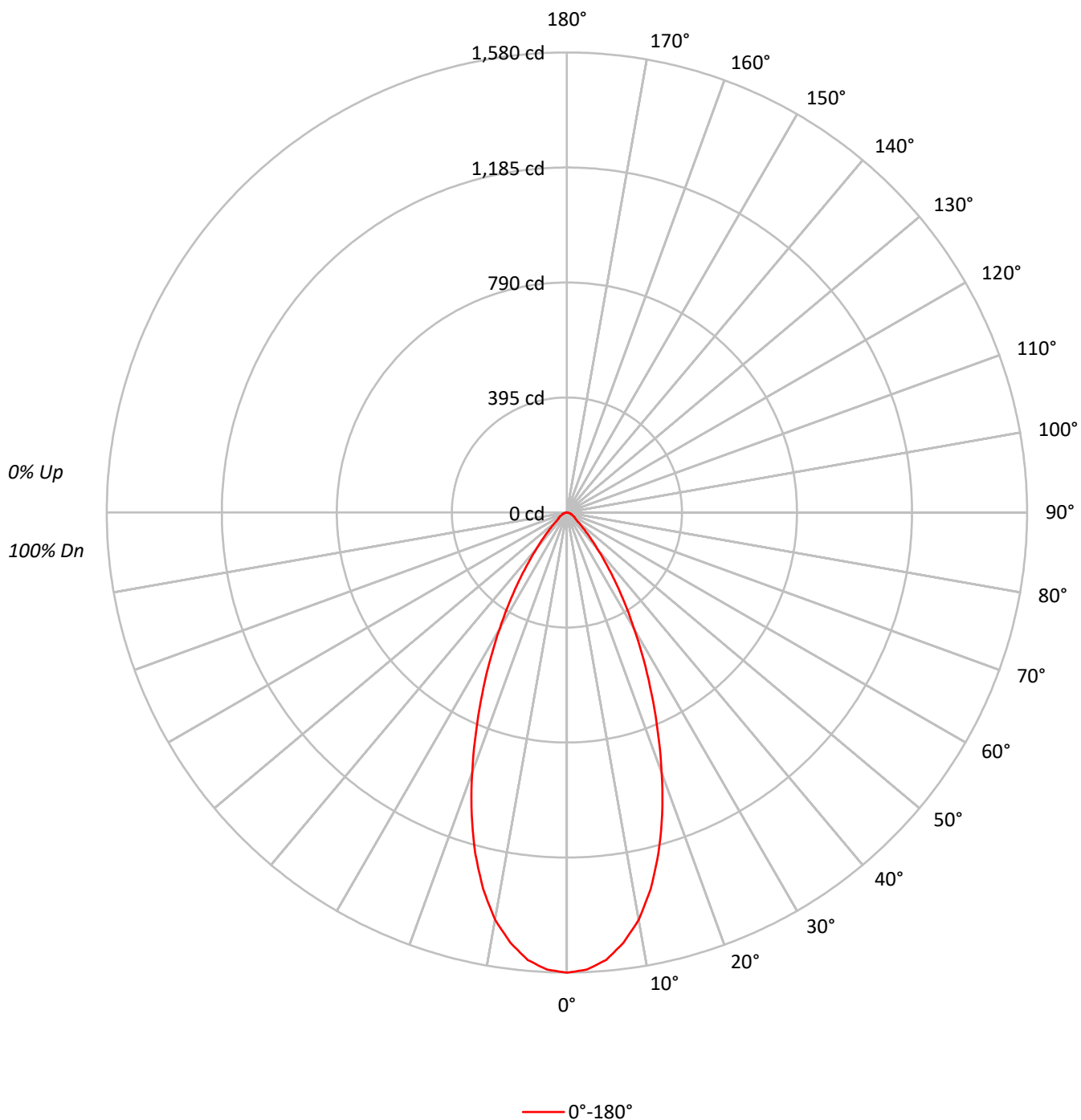
Lumens per Lamp: N/A  
Luminaire Lumens: 1113.0 lumens  
Efficiency: N/A  
Efficacy: 38.6 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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: P1265860

CATALOG NUMBER: P3AS20R409730D010 E3DLP1WMH

### Luminous Intensity Polar Plot



TEST NUMBER: P1265860

CATALOG NUMBER: P3AS20R409730D010 E3DLP1WMH

**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  | 95  | 105 | 101 | 97  | 93  | 97  | 94  | 91  |  | 94  | 92  | 89  |  | 92  |
| 3   | 102 | 95  | 90  | 86  | 100 | 94  | 89  | 85  | 91  | 87  | 84  |  | 89  | 85  | 83  |  | 86  |
| 4   | 97  | 89  | 83  | 79  | 95  | 88  | 83  | 79  | 86  | 81  | 78  |  | 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  | 78  | 72  | 68  | 76  | 71  | 67  |  | 75  | 70  | 67  |  | 73  |
| 7   | 83  | 74  | 68  | 64  | 82  | 73  | 68  | 64  | 72  | 67  | 63  |  | 71  | 66  | 63  |  | 70  |
| 8   | 79  | 70  | 64  | 60  | 78  | 69  | 64  | 60  | 68  | 63  | 59  |  | 67  | 63  | 59  |  | 66  |
| 9   | 76  | 66  | 60  | 56  | 75  | 66  | 60  | 56  | 65  | 60  | 56  |  | 64  | 59  | 56  |  | 63  |
| 10  | 72  | 63  | 57  | 53  | 71  | 62  | 57  | 53  | 62  | 57  | 53  |  | 61  | 56  | 53  |  | 60  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 346573 |
| 5°  | 339554 |
| 10° | 316138 |
| 15° | 275529 |
| 20° | 222059 |
| 25° | 166437 |
| 30° | 117031 |
| 35° | 76667  |
| 40° | 46401  |
| 45° | 27724  |
| 50° | 16545  |
| 55° | 13342  |
| 60° | 11973  |
| 65° | 10222  |
| 70° | 9745   |
| 75° | 7710   |
| 80° | 7703   |
| 85° | 7548   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27724 cd/sqm

TEST NUMBER: P1265860

CATALOG NUMBER: P3AS20R409730D010 E3DLP1WMH

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 143.2  | 12.9      |
| 10°-20°   | 334.3  | 30.0      |
| 20°-30°   | 315.0  | 28.3      |
| 30°-40°   | 182.2  | 16.4      |
| 40°-50°   | 72.6   | 6.5       |
| 50°-60°   | 32.1   | 2.9       |
| 60°-70°   | 19.9   | 1.8       |
| 70°-80°   | 10.4   | 0.9       |
| 80°-90°   | 3.3    | 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°    | 792.6  | 71.2      |
| 0°-40°    | 974.8  | 87.6      |
| 0°-60°    | 1079.5 | 97.0      |
| 0°-90°    | 1113.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1113.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1580 |      |
| 5°  | 1543 | 143  |
| 15° | 1214 | 334  |
| 25° | 688  | 315  |
| 35° | 286  | 182  |
| 45° | 89   | 73   |
| 55° | 35   | 32   |
| 65° | 20   | 20   |
| 75° | 9    | 10   |
| 85° | 3    | 3    |
| 90° | 0    |      |

TEST NUMBER: P1265860

CATALOG NUMBER: P3AS20R409730D010 E3DLP1WMH

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     |
|-------|--------|
| 0°    | 1580.5 |
| 2.5°  | 1571.4 |
| 5°    | 1542.6 |
| 7.5°  | 1489.5 |
| 10°   | 1419.8 |
| 12.5° | 1325.9 |
| 15°   | 1213.7 |
| 17.5° | 1088.0 |
| 20°   | 951.6  |
| 22.5° | 815.2  |
| 25°   | 687.9  |
| 27.5° | 569.8  |
| 30°   | 462.2  |
| 32.5° | 368.2  |
| 35°   | 286.4  |
| 37.5° | 216.7  |
| 40°   | 162.1  |
| 42.5° | 121.2  |
| 45°   | 89.4   |
| 47.5° | 65.2   |
| 50°   | 48.5   |
| 52.5° | 39.4   |
| 55°   | 34.9   |
| 57.5° | 31.8   |
| 60°   | 27.3   |
| 62.5° | 22.7   |
| 65°   | 19.7   |
| 67.5° | 16.7   |
| 70°   | 15.2   |
| 72.5° | 12.1   |
| 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)