

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: P1255741

Luminaire Tested: P3AS24R309035D010 E3DLD1LI

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1255741  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R309035D010 E3DLD1LI  
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

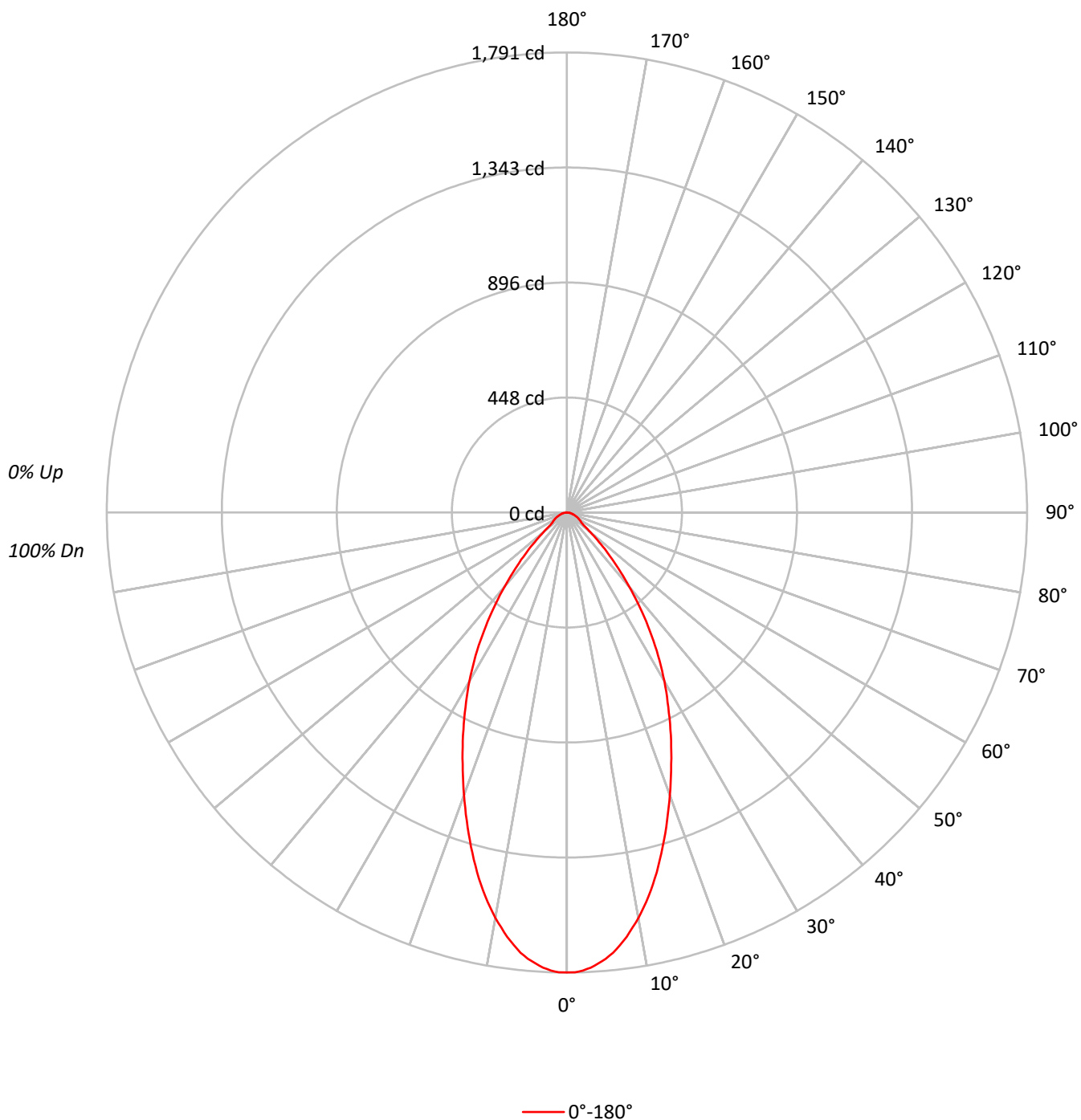
Lumens per Lamp: N/A  
Luminaire Lumens: 1662.0 lumens  
Efficiency: N/A  
Efficacy: 57.7 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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: P1255741

CATALOG NUMBER: P3AS24R309035D010 E3DLD1LI

### Luminous Intensity Polar Plot



TEST NUMBER: P1255741

CATALOG NUMBER: P3AS24R309035D010 E3DLD1LI

**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  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 112 | 109 | 106 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99  | 99  | 98  | 96  | 96  | 94  | 93  | 91  |    |    |
| 2   | 106 | 100 | 96  | 92  | 104 | 99  | 94  | 91  | 95  | 92  | 89  | 92  | 89  | 87  | 89  | 87  | 85  | 83  |    |    |
| 3   | 100 | 92  | 87  | 82  | 98  | 91  | 86  | 82  | 88  | 84  | 80  | 86  | 82  | 79  | 84  | 80  | 78  | 76  |    |    |
| 4   | 94  | 85  | 79  | 74  | 92  | 84  | 79  | 74  | 82  | 77  | 73  | 80  | 76  | 72  | 78  | 74  | 71  | 70  |    |    |
| 5   | 89  | 79  | 73  | 68  | 87  | 78  | 72  | 68  | 76  | 71  | 67  | 75  | 70  | 66  | 73  | 69  | 66  | 64  |    |    |
| 6   | 84  | 74  | 67  | 62  | 82  | 73  | 67  | 62  | 71  | 66  | 62  | 70  | 65  | 61  | 69  | 64  | 61  | 59  |    |    |
| 7   | 79  | 69  | 62  | 58  | 78  | 68  | 62  | 58  | 67  | 61  | 57  | 66  | 61  | 57  | 65  | 60  | 57  | 55  |    |    |
| 8   | 75  | 65  | 58  | 54  | 74  | 64  | 58  | 53  | 63  | 57  | 53  | 62  | 57  | 53  | 61  | 56  | 53  | 51  |    |    |
| 9   | 71  | 61  | 54  | 50  | 70  | 60  | 54  | 50  | 59  | 54  | 50  | 58  | 53  | 50  | 57  | 53  | 49  | 48  |    |    |
| 10  | 68  | 57  | 51  | 47  | 67  | 57  | 51  | 47  | 56  | 50  | 47  | 55  | 50  | 46  | 54  | 50  | 46  | 45  |    |    |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 392644 |
| 5°  | 383820 |
| 10° | 356929 |
| 15° | 317618 |
| 20° | 273164 |
| 25° | 231425 |
| 30° | 192106 |
| 35° | 150684 |
| 40° | 108002 |
| 45° | 70829  |
| 50° | 40357  |
| 55° | 26494  |
| 60° | 25042  |
| 65° | 23297  |
| 70° | 20901  |
| 75° | 18978  |
| 80° | 18058  |
| 85° | 15347  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 70829 cd/sqm

TEST NUMBER: P1255741

CATALOG NUMBER: P3AS24R309035D010 E3DLD1LI

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 161.9  | 9.7       |
| 10°-20°   | 388.9  | 23.4      |
| 20°-30°   | 438.3  | 26.4      |
| 30°-40°   | 350.0  | 21.1      |
| 40°-50°   | 179.9  | 10.8      |
| 50°-60°   | 67.7   | 4.1       |
| 60°-70°   | 44.4   | 2.7       |
| 70°-80°   | 23.9   | 1.4       |
| 80°-90°   | 6.9    | 0.4       |
| 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°    | 989.1  | 59.5      |
| 0°-40°    | 1339.2 | 80.6      |
| 0°-60°    | 1586.7 | 95.5      |
| 0°-90°    | 1662.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1662.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1791 |      |
| 5°  | 1744 | 162  |
| 15° | 1399 | 389  |
| 25° | 956  | 438  |
| 35° | 563  | 350  |
| 45° | 228  | 180  |
| 55° | 69   | 68   |
| 65° | 45   | 44   |
| 75° | 22   | 24   |
| 85° | 6    | 7    |
| 90° | 0    |      |

TEST NUMBER: P1255741

CATALOG NUMBER: P3AS24R309035D010 E3DLD1LI

**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1790.6 |
| 1°    | 1790.6 |
| 2°    | 1784.5 |
| 3°    | 1774.3 |
| 4°    | 1760.0 |
| 5°    | 1743.7 |
| 6°    | 1723.3 |
| 7°    | 1696.8 |
| 8°    | 1668.3 |
| 9°    | 1635.6 |
| 10°   | 1603.0 |
| 11°   | 1566.3 |
| 12°   | 1527.5 |
| 13°   | 1486.8 |
| 14°   | 1443.9 |
| 15°   | 1399.1 |
| 17.5° | 1284.8 |
| 20°   | 1170.6 |
| 22.5° | 1060.5 |
| 25°   | 956.5  |
| 27.5° | 854.5  |
| 30°   | 758.7  |
| 32.5° | 660.8  |
| 35°   | 562.9  |
| 37.5° | 467.0  |
| 40°   | 377.3  |
| 42.5° | 297.8  |
| 45°   | 228.4  |
| 47.5° | 169.3  |
| 50°   | 118.3  |
| 52.5° | 83.6   |
| 55°   | 69.3   |
| 57.5° | 63.2   |
| 60°   | 57.1   |
| 62.5° | 51.0   |
| 65°   | 44.9   |
| 67.5° | 38.7   |
| 70°   | 32.6   |
| 72.5° | 26.5   |
| 75°   | 22.4   |
| 77.5° | 18.4   |
| 80°   | 14.3   |
| 82.5° | 10.2   |
| 85°   | 6.1    |
| 87.5° | 2.0    |



TEST NUMBER: P1255741

CATALOG NUMBER: P3AS24R309035D010 E3DLD1LI

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)