

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: P1296366

Luminaire Tested: P3AS13R30W2N902750DE010 E3DL1LI\_5000K

Issue Date: 1/30/2026

**Test Information**

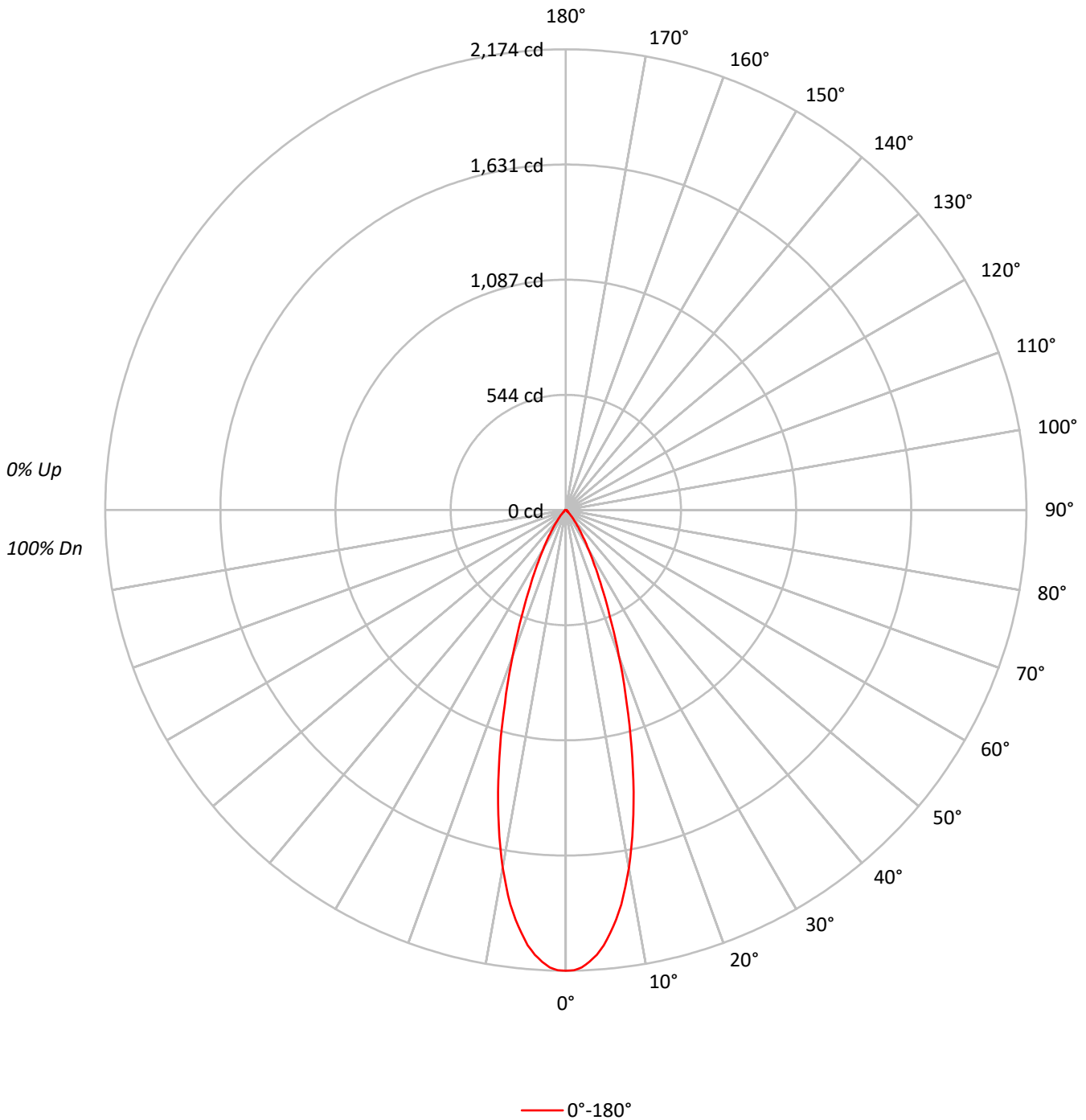
Test Method: LM-79-2019  
Report Number: P1296366  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R30W2N902750DE010 E3DL1LI\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,  
E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 817.0 lumens  
Efficiency: N/A  
Efficacy: 66.4 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 12.3  
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  |     |     | 0   |     |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 102 | 102 | 100 |
| 1   | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99  | 98  | 97  | 97  | 97  | 97  | 95  |
| 2   | 110 | 105 | 102 | 99  | 107 | 104 | 101 | 98  | 101 | 98  | 96  | 98  | 96  | 94  | 95  | 93  | 92  | 92  | 92  | 92  | 90  |
| 3   | 105 | 100 | 96  | 92  | 103 | 98  | 95  | 91  | 96  | 93  | 90  | 94  | 91  | 89  | 91  | 89  | 87  | 87  | 87  | 87  | 86  |
| 4   | 101 | 95  | 90  | 87  | 99  | 94  | 89  | 86  | 92  | 88  | 85  | 90  | 87  | 84  | 88  | 85  | 83  | 83  | 83  | 83  | 82  |
| 5   | 97  | 90  | 85  | 82  | 96  | 89  | 85  | 81  | 88  | 84  | 81  | 86  | 83  | 80  | 85  | 82  | 79  | 79  | 79  | 79  | 78  |
| 6   | 94  | 86  | 81  | 78  | 92  | 85  | 81  | 77  | 84  | 80  | 77  | 83  | 79  | 76  | 81  | 78  | 76  | 76  | 76  | 76  | 75  |
| 7   | 90  | 82  | 77  | 74  | 89  | 82  | 77  | 74  | 81  | 76  | 73  | 80  | 76  | 73  | 79  | 75  | 73  | 73  | 73  | 73  | 71  |
| 8   | 87  | 79  | 74  | 71  | 86  | 79  | 74  | 71  | 78  | 73  | 70  | 77  | 73  | 70  | 76  | 72  | 70  | 70  | 70  | 70  | 69  |
| 9   | 84  | 76  | 71  | 68  | 83  | 75  | 71  | 68  | 75  | 70  | 67  | 74  | 70  | 67  | 73  | 70  | 67  | 67  | 67  | 67  | 66  |
| 10  | 81  | 73  | 68  | 65  | 80  | 73  | 68  | 65  | 72  | 68  | 65  | 71  | 67  | 65  | 71  | 67  | 65  | 65  | 65  | 65  | 63  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 476738 |
| 5°  | 453752 |
| 10° | 381667 |
| 15° | 275257 |
| 20° | 170745 |
| 25° | 97094  |
| 30° | 53932  |
| 35° | 29339  |
| 40° | 15458  |
| 45° | 8373   |
| 50° | 4469   |
| 55° | 2944   |
| 60° | 2719   |
| 65° | 2802   |
| 70° | 2500   |
| 75° | 1949   |
| 80° | 1894   |
| 85° | 2013   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8373 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 185.6  | 22.7      |
| 10°-20°   | 330.0  | 40.4      |
| 20°-30°   | 190.7  | 23.3      |
| 30°-40°   | 72.4   | 8.9       |
| 40°-50°   | 22.2   | 2.7       |
| 50°-60°   | 7.5    | 0.9       |
| 60°-70°   | 5.1    | 0.6       |
| 70°-80°   | 2.7    | 0.3       |
| 80°-90°   | 0.8    | 0.1       |
| 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°    | 706.3  | 86.5      |
| 0°-40°    | 778.7  | 95.3      |
| 0°-60°    | 808.3  | 98.9      |
| 0°-90°    | 817.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 817.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 2174 |      |
| 5°  | 2061 | 186  |
| 15° | 1212 | 330  |
| 25° | 401  | 191  |
| 35° | 110  | 72   |
| 45° | 27   | 22   |
| 55° | 8    | 7    |
| 65° | 5    | 5    |
| 75° | 2    | 3    |
| 85° | 1    | 1    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 2174.1 |
| 1°    | 2172.6 |
| 2°    | 2159.5 |
| 3°    | 2134.8 |
| 4°    | 2103.9 |
| 5°    | 2061.4 |
| 6°    | 2007.4 |
| 7°    | 1947.2 |
| 8°    | 1880.1 |
| 9°    | 1799.8 |
| 10°   | 1714.1 |
| 11°   | 1621.5 |
| 12°   | 1523.5 |
| 13°   | 1420.9 |
| 14°   | 1316.7 |
| 15°   | 1212.5 |
| 17.5° | 956.2  |
| 20°   | 731.7  |
| 22.5° | 542.6  |
| 25°   | 401.3  |
| 27.5° | 291.7  |
| 30°   | 213.0  |
| 32.5° | 153.6  |
| 35°   | 109.6  |
| 37.5° | 76.4   |
| 40°   | 54.0   |
| 42.5° | 37.8   |
| 45°   | 27.0   |
| 47.5° | 18.5   |
| 50°   | 13.1   |
| 52.5° | 9.3    |
| 55°   | 7.7    |
| 57.5° | 6.9    |
| 60°   | 6.2    |
| 62.5° | 5.4    |
| 65°   | 5.4    |
| 67.5° | 4.6    |
| 70°   | 3.9    |
| 72.5° | 3.1    |
| 75°   | 2.3    |
| 77.5° | 2.3    |
| 80°   | 1.5    |
| 82.5° | 1.5    |
| 85°   | 0.8    |
| 87.5° | 0.0    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)