

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: P1296005

Luminaire Tested: P3AS13R25W2N902750DE010 E3DL1H\_2700K

Issue Date: 1/30/2026

**Test Information**

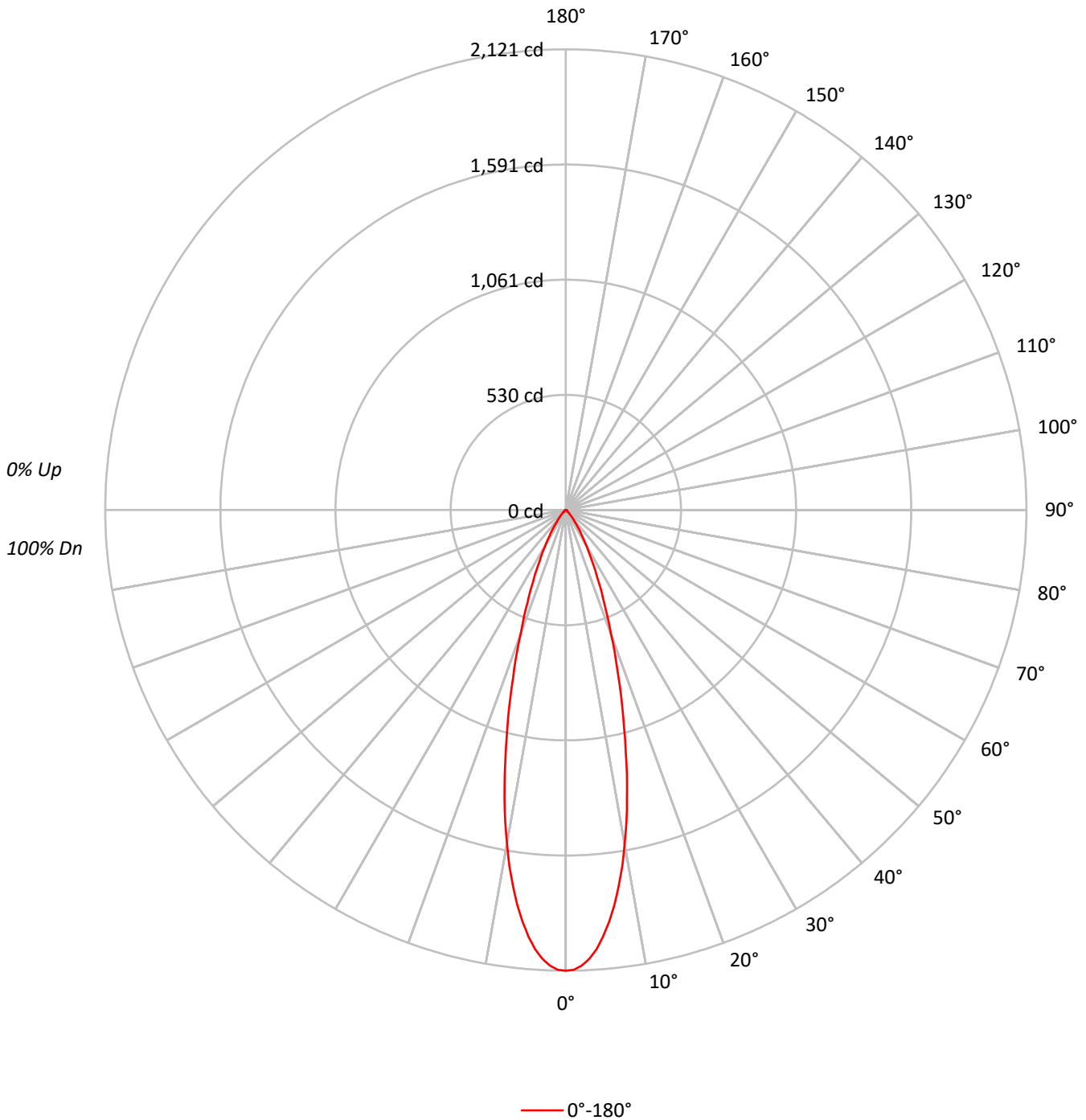
Test Method: LM-79-2019  
Report Number: P1296005  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R25W2N902750DE010 E3DL1H\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,  
E3DL1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 725.0 lumens  
Efficiency: N/A  
Efficacy: 58.9 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
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 | 100 | 99 | 98 | 97 | 100 |
| 1   | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99  | 98  | 97  | 95  | 95 | 93 | 92 | 95  |
| 2   | 110 | 105 | 102 | 99  | 107 | 104 | 101 | 98  | 101 | 98  | 96  | 98  | 96  | 94  | 95  | 93  | 92  | 90  | 91 | 89 | 87 | 90  |
| 3   | 105 | 100 | 96  | 92  | 103 | 98  | 95  | 91  | 96  | 93  | 90  | 94  | 91  | 89  | 91  | 89  | 87  | 86  | 91 | 89 | 87 | 86  |
| 4   | 101 | 95  | 90  | 87  | 99  | 94  | 89  | 86  | 92  | 88  | 85  | 90  | 87  | 84  | 88  | 85  | 83  | 82  | 88 | 85 | 83 | 82  |
| 5   | 97  | 90  | 85  | 82  | 96  | 89  | 85  | 81  | 88  | 84  | 81  | 86  | 83  | 80  | 85  | 82  | 79  | 78  | 85 | 82 | 79 | 78  |
| 6   | 94  | 86  | 81  | 78  | 92  | 86  | 81  | 78  | 84  | 80  | 77  | 83  | 79  | 77  | 82  | 78  | 76  | 75  | 82 | 78 | 76 | 75  |
| 7   | 90  | 83  | 78  | 74  | 89  | 82  | 77  | 74  | 81  | 77  | 74  | 80  | 76  | 73  | 79  | 75  | 73  | 72  | 79 | 75 | 73 | 72  |
| 8   | 87  | 79  | 74  | 71  | 86  | 79  | 74  | 71  | 78  | 74  | 71  | 77  | 73  | 70  | 76  | 73  | 70  | 69  | 76 | 73 | 70 | 69  |
| 9   | 84  | 76  | 71  | 68  | 83  | 76  | 71  | 68  | 75  | 71  | 68  | 74  | 70  | 68  | 73  | 70  | 67  | 66  | 73 | 70 | 67 | 66  |
| 10  | 81  | 73  | 69  | 65  | 80  | 73  | 68  | 65  | 72  | 68  | 65  | 72  | 68  | 65  | 71  | 67  | 65  | 64  | 71 | 67 | 65 | 64  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 465050 |
| 5°  | 433897 |
| 10° | 347578 |
| 15° | 235938 |
| 20° | 142766 |
| 25° | 83473  |
| 30° | 47552  |
| 35° | 26154  |
| 40° | 13883  |
| 45° | 7319   |
| 50° | 4264   |
| 55° | 3173   |
| 60° | 2719   |
| 65° | 2854   |
| 70° | 2693   |
| 75° | 2372   |
| 80° | 1768   |
| 85° | 1761   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7319 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 174.9  | 24.1      |
| 10°-20°   | 285.7  | 39.4      |
| 20°-30°   | 163.3  | 22.5      |
| 30°-40°   | 64.4   | 8.9       |
| 40°-50°   | 19.8   | 2.7       |
| 50°-60°   | 7.8    | 1.1       |
| 60°-70°   | 5.2    | 0.7       |
| 70°-80°   | 3.0    | 0.4       |
| 80°-90°   | 1.0    | 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°    | 623.9  | 86.1      |
| 0°-40°    | 688.4  | 94.9      |
| 0°-60°    | 715.9  | 98.7      |
| 0°-90°    | 725.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 725.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 2121 |      |
| 5°  | 1971 | 175  |
| 15° | 1039 | 286  |
| 25° | 345  | 163  |
| 35° | 98   | 64   |
| 45° | 24   | 20   |
| 55° | 8    | 8    |
| 65° | 6    | 5    |
| 75° | 3    | 3    |
| 85° | 1    | 1    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 2120.8 |
| 1°    | 2116.7 |
| 2°    | 2099.4 |
| 3°    | 2068.9 |
| 4°    | 2026.6 |
| 5°    | 1971.2 |
| 6°    | 1906.1 |
| 7°    | 1832.6 |
| 8°    | 1747.4 |
| 9°    | 1660.1 |
| 10°   | 1561.0 |
| 11°   | 1463.3 |
| 12°   | 1355.9 |
| 13°   | 1249.9 |
| 14°   | 1141.1 |
| 15°   | 1039.3 |
| 17.5° | 805.8  |
| 20°   | 611.8  |
| 22.5° | 459.4  |
| 25°   | 345.0  |
| 27.5° | 255.7  |
| 30°   | 187.8  |
| 32.5° | 135.8  |
| 35°   | 97.7   |
| 37.5° | 69.3   |
| 40°   | 48.5   |
| 42.5° | 33.3   |
| 45°   | 23.6   |
| 47.5° | 16.6   |
| 50°   | 12.5   |
| 52.5° | 9.7    |
| 55°   | 8.3    |
| 57.5° | 7.6    |
| 60°   | 6.2    |
| 62.5° | 5.5    |
| 65°   | 5.5    |
| 67.5° | 4.9    |
| 70°   | 4.2    |
| 72.5° | 3.5    |
| 75°   | 2.8    |
| 77.5° | 2.1    |
| 80°   | 1.4    |
| 82.5° | 1.4    |
| 85°   | 0.7    |
| 87.5° | 0.7    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)