

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: P1288764

Luminaire Tested: P3A05R30W2N902750DE010 E3DL1GPH\_3500K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1288764  
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: P3A05R30W2N902750DE010 E3DL1GPH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

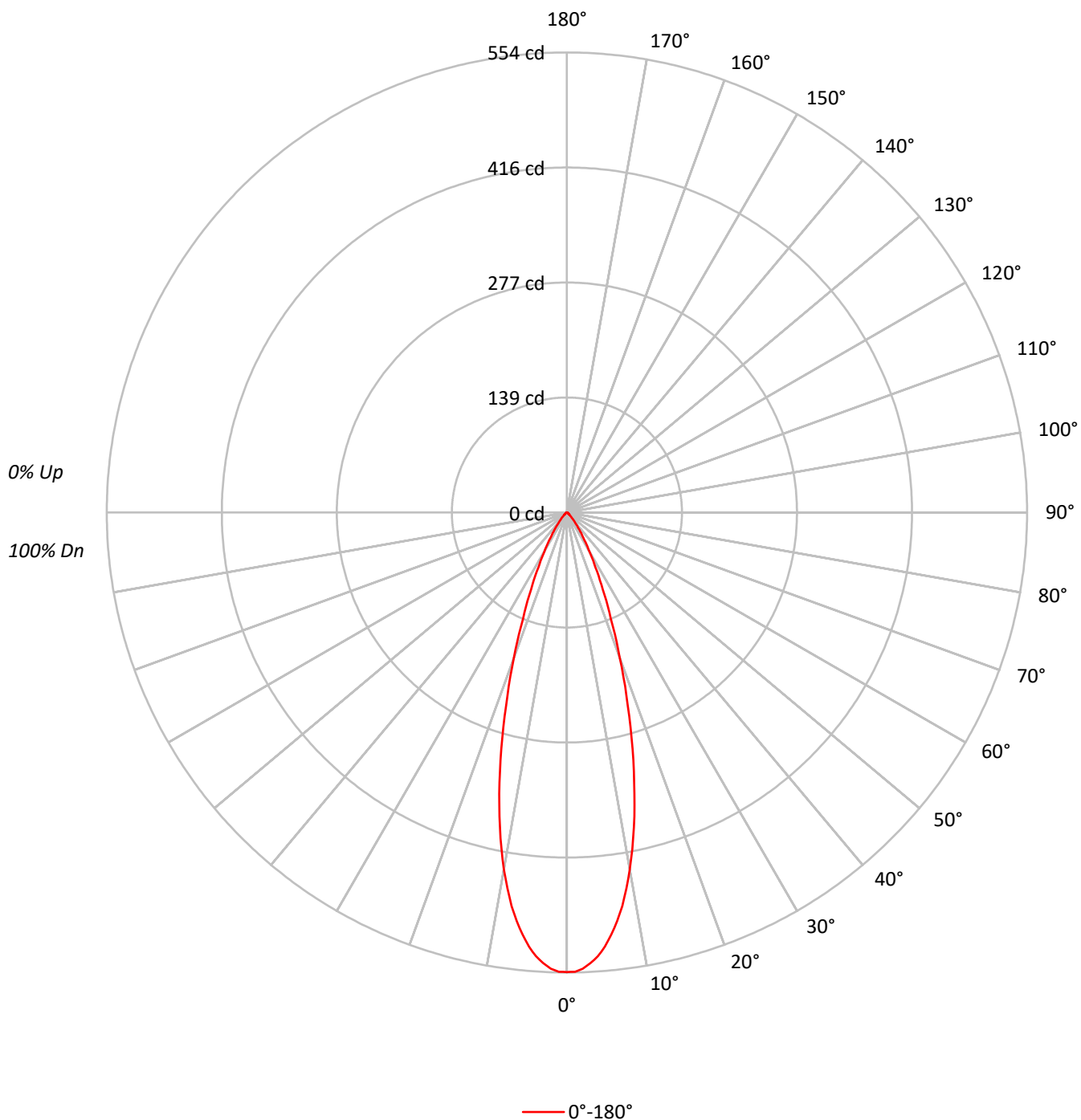
Lumens per Lamp: N/A  
Luminaire Lumens: 208.1 lumens  
Efficiency: N/A  
Efficacy: 35.3 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 5.9  
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  | 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 | 99 | 99 |
| 1   | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99  | 98  | 97  | 95  | 94 | 93 |
| 2   | 110 | 105 | 102 | 99  | 107 | 104 | 101 | 98  | 101 | 98  | 96  | 98  | 96  | 94  | 95  | 93  | 92  | 90  | 89 | 88 |
| 3   | 105 | 100 | 95  | 92  | 103 | 98  | 95  | 91  | 96  | 93  | 90  | 94  | 91  | 89  | 91  | 89  | 87  | 86  | 85 | 84 |
| 4   | 101 | 95  | 90  | 86  | 99  | 94  | 89  | 86  | 92  | 88  | 85  | 90  | 87  | 84  | 88  | 85  | 83  | 82  | 81 | 80 |
| 5   | 97  | 90  | 85  | 82  | 96  | 89  | 85  | 81  | 88  | 84  | 81  | 86  | 83  | 80  | 85  | 82  | 79  | 78  | 77 | 76 |
| 6   | 94  | 86  | 81  | 78  | 92  | 85  | 81  | 77  | 84  | 80  | 77  | 83  | 79  | 76  | 81  | 78  | 76  | 75  | 74 | 73 |
| 7   | 90  | 82  | 77  | 74  | 89  | 82  | 77  | 74  | 81  | 76  | 73  | 80  | 76  | 73  | 78  | 75  | 73  | 71  | 70 | 69 |
| 8   | 87  | 79  | 74  | 71  | 86  | 79  | 74  | 71  | 78  | 73  | 70  | 77  | 73  | 70  | 76  | 72  | 70  | 69  | 68 | 67 |
| 9   | 84  | 76  | 71  | 68  | 83  | 75  | 71  | 68  | 75  | 70  | 67  | 74  | 70  | 67  | 73  | 70  | 67  | 66  | 65 | 64 |
| 10  | 81  | 73  | 68  | 65  | 80  | 73  | 68  | 65  | 72  | 68  | 65  | 71  | 67  | 65  | 71  | 67  | 65  | 63  | 62 | 61 |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 121372 |
| 5°  | 115518 |
| 10° | 97170  |
| 15° | 70080  |
| 20° | 43474  |
| 25° | 24727  |
| 30° | 13724  |
| 35° | 7469   |
| 40° | 3950   |
| 45° | 2140   |
| 50° | 1126   |
| 55° | 765    |
| 60° | 702    |
| 65° | 726    |
| 70° | 641    |
| 75° | 508    |
| 80° | 505    |
| 85° | 503    |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 2140 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 47.3   | 22.7      |
| 10°-20°   | 84.0   | 40.4      |
| 20°-30°   | 48.6   | 23.3      |
| 30°-40°   | 18.4   | 8.9       |
| 40°-50°   | 5.7    | 2.7       |
| 50°-60°   | 1.9    | 0.9       |
| 60°-70°   | 1.3    | 0.6       |
| 70°-80°   | 0.7    | 0.3       |
| 80°-90°   | 0.2    | 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°    | 179.8  | 86.4      |
| 0°-40°    | 198.3  | 95.3      |
| 0°-60°    | 205.8  | 98.9      |
| 0°-90°    | 208.1  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 208.1  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 554 |      |
| 5°  | 525 | 47   |
| 15° | 309 | 84   |
| 25° | 102 | 49   |
| 35° | 28  | 18   |
| 45° | 7   | 6    |
| 55° | 2   | 2    |
| 65° | 1   | 1    |
| 75° | 1   | 1    |
| 85° | 0   | 0    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 553.5 |
| 1°    | 553.1 |
| 2°    | 549.8 |
| 3°    | 543.5 |
| 4°    | 535.6 |
| 5°    | 524.8 |
| 6°    | 511.1 |
| 7°    | 495.7 |
| 8°    | 478.6 |
| 9°    | 458.2 |
| 10°   | 436.4 |
| 11°   | 412.8 |
| 12°   | 387.9 |
| 13°   | 361.7 |
| 14°   | 335.2 |
| 15°   | 308.7 |
| 17.5° | 243.5 |
| 20°   | 186.3 |
| 22.5° | 138.1 |
| 25°   | 102.2 |
| 27.5° | 74.3  |
| 30°   | 54.2  |
| 32.5° | 39.1  |
| 35°   | 27.9  |
| 37.5° | 19.5  |
| 40°   | 13.8  |
| 42.5° | 9.6   |
| 45°   | 6.9   |
| 47.5° | 4.7   |
| 50°   | 3.3   |
| 52.5° | 2.4   |
| 55°   | 2.0   |
| 57.5° | 1.8   |
| 60°   | 1.6   |
| 62.5° | 1.4   |
| 65°   | 1.4   |
| 67.5° | 1.2   |
| 70°   | 1.0   |
| 72.5° | 0.8   |
| 75°   | 0.6   |
| 77.5° | 0.6   |
| 80°   | 0.4   |
| 82.5° | 0.4   |
| 85°   | 0.2   |
| 87.5° | 0.0   |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)