

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: P1283050

Luminaire Tested: P3AS09R30B2750DE010 E3DL1GPH\_4000K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1283050  
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: P3AS09R30B2750DE010 E3DL1GPH\_4000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 80CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

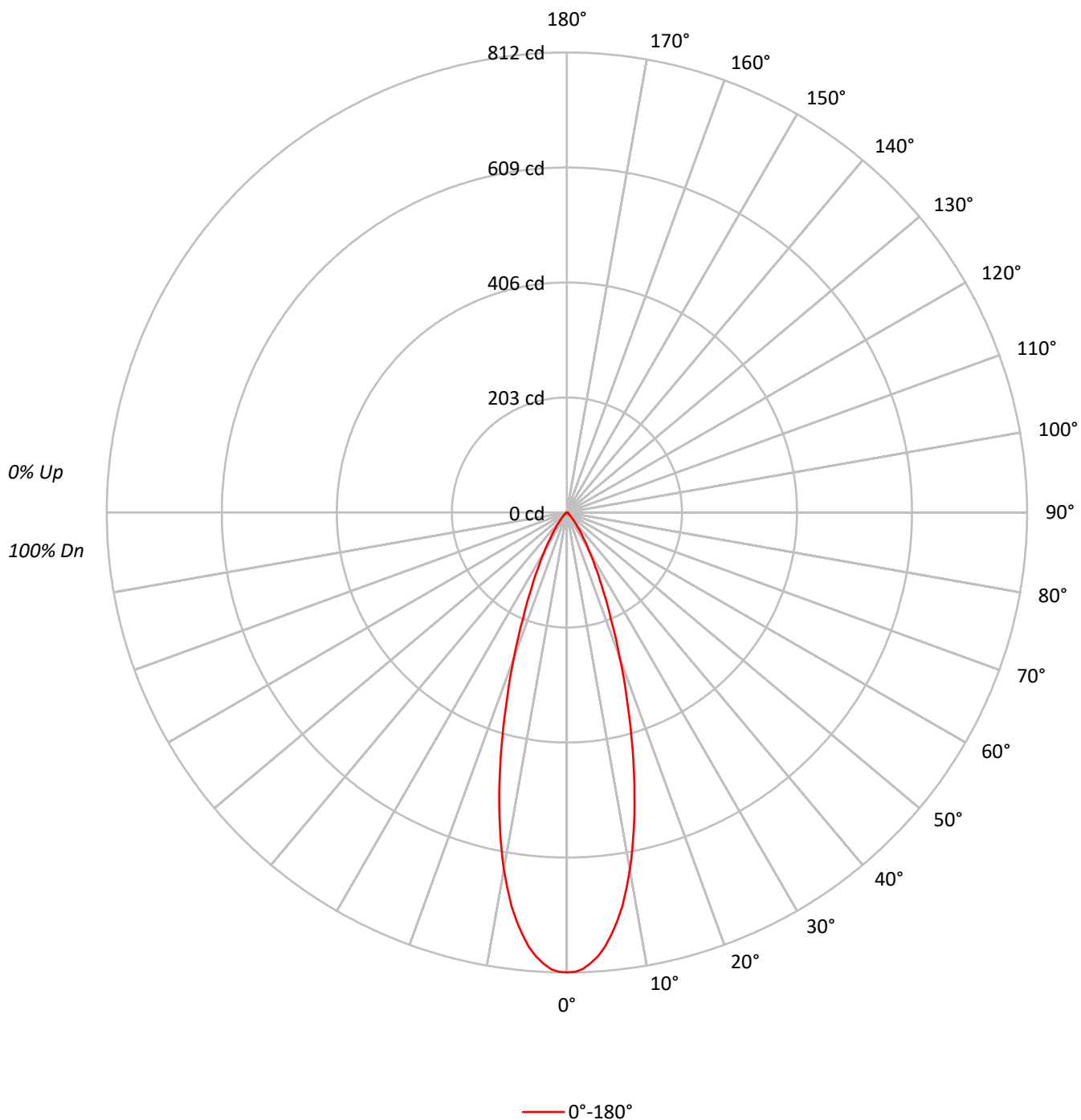
Lumens per Lamp: N/A  
Luminaire Lumens: 305.0 lumens  
Efficiency: N/A  
Efficacy: 23.3 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 13.1  
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 | 96  | 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°  | 177968 |
| 5°  | 169403 |
| 10° | 142482 |
| 15° | 102747 |
| 20° | 63729  |
| 25° | 36244  |
| 30° | 20130  |
| 35° | 10949  |
| 40° | 5782   |
| 45° | 3132   |
| 50° | 1672   |
| 55° | 1109   |
| 60° | 1009   |
| 65° | 1038   |
| 70° | 898    |
| 75° | 763    |
| 80° | 758    |
| 85° | 755    |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 3132 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 69.3   | 22.7      |
| 10°-20°   | 123.2  | 40.4      |
| 20°-30°   | 71.2   | 23.3      |
| 30°-40°   | 27.0   | 8.9       |
| 40°-50°   | 8.3    | 2.7       |
| 50°-60°   | 2.8    | 0.9       |
| 60°-70°   | 1.9    | 0.6       |
| 70°-80°   | 1.1    | 0.3       |
| 80°-90°   | 0.3    | 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°    | 263.7  | 86.4      |
| 0°-40°    | 290.7  | 95.3      |
| 0°-60°    | 301.8  | 98.9      |
| 0°-90°    | 305.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 305.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 812 |      |
| 5°  | 770 | 69   |
| 15° | 453 | 123  |
| 25° | 150 | 71   |
| 35° | 41  | 27   |
| 45° | 10  | 8    |
| 55° | 3   | 3    |
| 65° | 2   | 2    |
| 75° | 1   | 1    |
| 85° | 0   | 0    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 811.6 |
| 1°    | 811.1 |
| 2°    | 806.2 |
| 3°    | 796.9 |
| 4°    | 785.4 |
| 5°    | 769.6 |
| 6°    | 749.4 |
| 7°    | 726.9 |
| 8°    | 701.9 |
| 9°    | 671.9 |
| 10°   | 639.9 |
| 11°   | 605.3 |
| 12°   | 568.8 |
| 13°   | 530.4 |
| 14°   | 491.5 |
| 15°   | 452.6 |
| 17.5° | 357.0 |
| 20°   | 273.1 |
| 22.5° | 202.5 |
| 25°   | 149.8 |
| 27.5° | 108.9 |
| 30°   | 79.5  |
| 32.5° | 57.3  |
| 35°   | 40.9  |
| 37.5° | 28.5  |
| 40°   | 20.2  |
| 42.5° | 14.1  |
| 45°   | 10.1  |
| 47.5° | 6.9   |
| 50°   | 4.9   |
| 52.5° | 3.5   |
| 55°   | 2.9   |
| 57.5° | 2.6   |
| 60°   | 2.3   |
| 62.5° | 2.0   |
| 65°   | 2.0   |
| 67.5° | 1.7   |
| 70°   | 1.4   |
| 72.5° | 1.2   |
| 75°   | 0.9   |
| 77.5° | 0.9   |
| 80°   | 0.6   |
| 82.5° | 0.6   |
| 85°   | 0.3   |
| 87.5° | 0.0   |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)