

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: P1289580

Luminaire Tested: P3AS05R40W2N902765DE010 E3DL1GPH\_3500K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1289580  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R40W2N902765DE010 E3DL1GPH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 3500K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

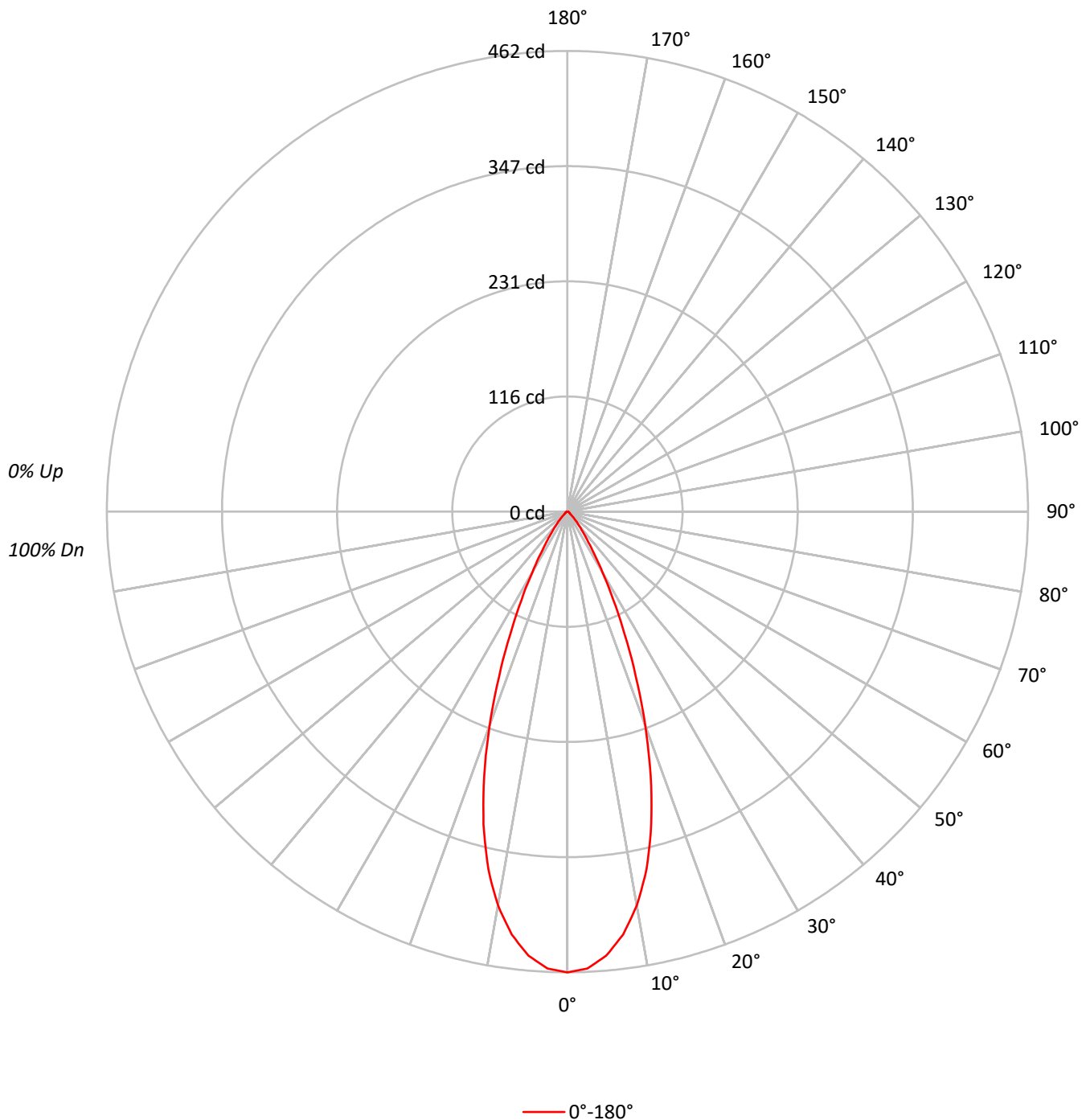
Lumens per Lamp: N/A  
Luminaire Lumens: 229.1 lumens  
Efficiency: N/A  
Efficacy: 38.8 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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 |    |    |
| 1   | 114 | 111 | 109 | 107 | 112 | 109 | 107 | 105 | 105 | 104 | 102 | 102 | 100 | 99  | 98  | 97  | 96  | 94  |    |    |
| 2   | 109 | 105 | 101 | 98  | 107 | 103 | 100 | 97  | 100 | 97  | 95  | 97  | 95  | 93  | 94  | 92  | 91  | 89  |    |    |
| 3   | 104 | 99  | 94  | 91  | 102 | 97  | 93  | 90  | 95  | 91  | 88  | 92  | 89  | 87  | 90  | 88  | 86  | 84  |    |    |
| 4   | 100 | 93  | 88  | 85  | 98  | 92  | 88  | 84  | 90  | 86  | 83  | 88  | 85  | 82  | 86  | 84  | 81  | 80  |    |    |
| 5   | 96  | 88  | 83  | 79  | 94  | 87  | 83  | 79  | 86  | 82  | 78  | 84  | 81  | 78  | 83  | 80  | 77  | 76  |    |    |
| 6   | 92  | 84  | 79  | 75  | 91  | 83  | 78  | 75  | 82  | 77  | 74  | 81  | 77  | 74  | 79  | 76  | 73  | 72  |    |    |
| 7   | 88  | 80  | 75  | 71  | 87  | 79  | 74  | 71  | 78  | 74  | 71  | 77  | 73  | 70  | 76  | 73  | 70  | 69  |    |    |
| 8   | 85  | 76  | 71  | 68  | 84  | 76  | 71  | 67  | 75  | 70  | 67  | 74  | 70  | 67  | 73  | 69  | 67  | 65  |    |    |
| 9   | 82  | 73  | 68  | 64  | 81  | 73  | 68  | 64  | 72  | 67  | 64  | 71  | 67  | 64  | 70  | 66  | 64  | 63  |    |    |
| 10  | 78  | 70  | 65  | 62  | 78  | 70  | 65  | 61  | 69  | 64  | 61  | 68  | 64  | 61  | 67  | 64  | 61  | 60  |    |    |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 101330 |
| 5°  | 98393  |
| 10° | 89288  |
| 15° | 73758  |
| 20° | 53205  |
| 25° | 32905  |
| 30° | 17826  |
| 35° | 9209   |
| 40° | 5009   |
| 45° | 2791   |
| 50° | 1399   |
| 55° | 1070   |
| 60° | 965    |
| 65° | 934    |
| 70° | 898    |
| 75° | 847    |
| 80° | 758    |
| 85° | 503    |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2791 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 41.2   | 18.0      |
| 10°-20°   | 88.5   | 38.6      |
| 20°-30°   | 63.1   | 27.6      |
| 30°-40°   | 23.2   | 10.1      |
| 40°-50°   | 7.3    | 3.2       |
| 50°-60°   | 2.6    | 1.1       |
| 60°-70°   | 1.8    | 0.8       |
| 70°-80°   | 1.1    | 0.5       |
| 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°    | 192.8  | 84.2      |
| 0°-40°    | 216.1  | 94.3      |
| 0°-60°    | 225.9  | 98.6      |
| 0°-90°    | 229.1  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 229.1  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 462 |      |
| 5°  | 447 | 41   |
| 15° | 325 | 88   |
| 25° | 136 | 63   |
| 35° | 34  | 23   |
| 45° | 9   | 7    |
| 55° | 3   | 3    |
| 65° | 2   | 2    |
| 75° | 1   | 1    |
| 85° | 0   | 0    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 462.1 |
| 2.5°  | 458.6 |
| 5°    | 447.0 |
| 7.5°  | 427.7 |
| 10°   | 401.0 |
| 12.5° | 367.0 |
| 15°   | 324.9 |
| 17.5° | 277.7 |
| 20°   | 228.0 |
| 22.5° | 179.1 |
| 25°   | 136.0 |
| 27.5° | 99.9  |
| 30°   | 70.4  |
| 32.5° | 49.3  |
| 35°   | 34.4  |
| 37.5° | 24.4  |
| 40°   | 17.5  |
| 42.5° | 12.6  |
| 45°   | 9.0   |
| 47.5° | 6.1   |
| 50°   | 4.1   |
| 52.5° | 2.9   |
| 55°   | 2.8   |
| 57.5° | 2.6   |
| 60°   | 2.2   |
| 62.5° | 2.0   |
| 65°   | 1.8   |
| 67.5° | 1.6   |
| 70°   | 1.4   |
| 72.5° | 1.2   |
| 75°   | 1.0   |
| 77.5° | 0.8   |
| 80°   | 0.6   |
| 82.5° | 0.4   |
| 85°   | 0.2   |
| 87.5° | 0.2   |
| 90°   | 0.0   |

(END OF REPORT)