

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: P1264332

Luminaire Tested: P3A05R409730DE010 E3DL1H

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1264332  
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: P3A05R409730DE010 E3DL1H  
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DL1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

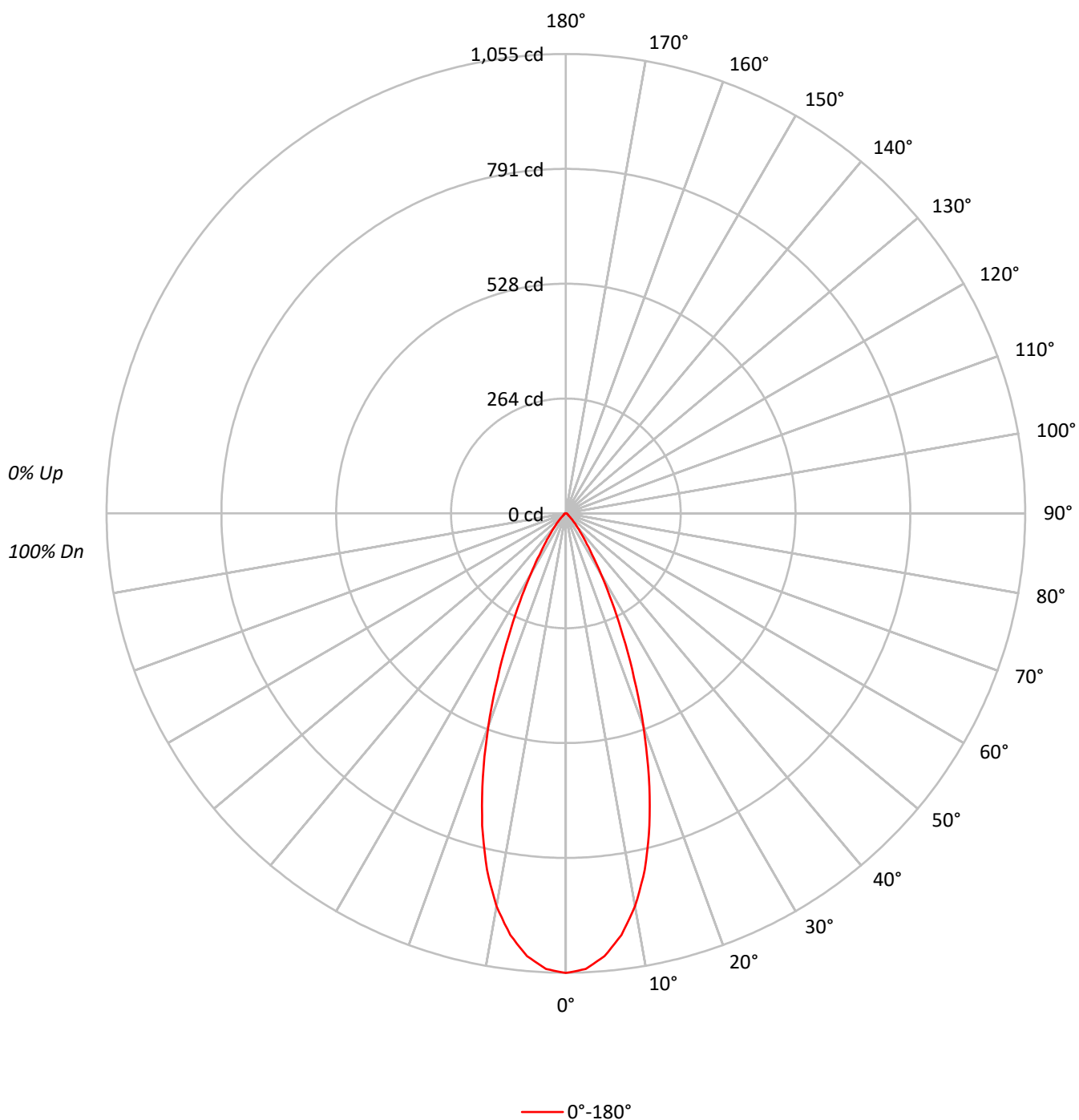
Lumens per Lamp: N/A  
Luminaire Lumens: 522.9 lumens  
Efficiency: N/A  
Efficacy: 72.6 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 7.2  
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  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 |
| 1   | 114 | 111 | 109 | 107 | 112 | 109 | 107 | 105 | 105 | 104 | 102 |  | 102 | 100 | 99  |  | 98  |
| 2   | 109 | 105 | 101 | 98  | 107 | 103 | 100 | 97  | 100 | 97  | 95  |  | 97  | 95  | 93  |  | 94  |
| 3   | 104 | 99  | 94  | 91  | 102 | 97  | 93  | 90  | 95  | 91  | 88  |  | 92  | 89  | 87  |  | 90  |
| 4   | 100 | 93  | 88  | 85  | 98  | 92  | 88  | 84  | 90  | 86  | 83  |  | 88  | 85  | 82  |  | 86  |
| 5   | 96  | 88  | 83  | 79  | 94  | 88  | 83  | 79  | 86  | 82  | 78  |  | 84  | 81  | 78  |  | 83  |
| 6   | 92  | 84  | 79  | 75  | 91  | 83  | 78  | 75  | 82  | 78  | 74  |  | 81  | 77  | 74  |  | 79  |
| 7   | 88  | 80  | 75  | 71  | 87  | 79  | 74  | 71  | 78  | 74  | 71  |  | 77  | 73  | 70  |  | 76  |
| 8   | 85  | 76  | 71  | 68  | 84  | 76  | 71  | 67  | 75  | 70  | 67  |  | 74  | 70  | 67  |  | 73  |
| 9   | 82  | 73  | 68  | 64  | 81  | 73  | 68  | 64  | 72  | 67  | 64  |  | 71  | 67  | 64  |  | 70  |
| 10  | 78  | 70  | 65  | 62  | 78  | 70  | 65  | 62  | 69  | 64  | 61  |  | 68  | 64  | 61  |  | 67  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 231429 |
| 5°  | 224697 |
| 10° | 203915 |
| 15° | 168446 |
| 20° | 121507 |
| 25° | 75150  |
| 30° | 40690  |
| 35° | 21041  |
| 40° | 11450  |
| 45° | 6388   |
| 50° | 3207   |
| 55° | 2409   |
| 60° | 2149   |
| 65° | 2075   |
| 70° | 1988   |
| 75° | 1864   |
| 80° | 1642   |
| 85° | 1006   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6388 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 94.1   | 18.0      |
| 10°-20°   | 202.1  | 38.6      |
| 20°-30°   | 144.2  | 27.6      |
| 30°-40°   | 53.1   | 10.2      |
| 40°-50°   | 16.7   | 3.2       |
| 50°-60°   | 5.8    | 1.1       |
| 60°-70°   | 4.0    | 0.8       |
| 70°-80°   | 2.3    | 0.4       |
| 80°-90°   | 0.6    | 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       |
| <hr/>     |        |           |
| 0°-30°    | 440.3  | 84.2      |
| 0°-40°    | 493.4  | 94.4      |
| 0°-60°    | 515.9  | 98.7      |
| 0°-90°    | 522.9  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 522.9  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1055 |      |
| 5°  | 1021 | 94   |
| 15° | 742  | 202  |
| 25° | 311  | 144  |
| 35° | 79   | 53   |
| 45° | 21   | 17   |
| 55° | 6    | 6    |
| 65° | 4    | 4    |
| 75° | 2    | 2    |
| 85° | 0    | 1    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1055.4 |
| 2.5°  | 1047.3 |
| 5°    | 1020.8 |
| 7.5°  | 976.8  |
| 10°   | 915.8  |
| 12.5° | 838.1  |
| 15°   | 742.0  |
| 17.5° | 634.3  |
| 20°   | 520.7  |
| 22.5° | 409.0  |
| 25°   | 310.6  |
| 27.5° | 228.0  |
| 30°   | 160.7  |
| 32.5° | 112.7  |
| 35°   | 78.6   |
| 37.5° | 55.7   |
| 40°   | 40.0   |
| 42.5° | 28.7   |
| 45°   | 20.6   |
| 47.5° | 13.9   |
| 50°   | 9.4    |
| 52.5° | 6.7    |
| 55°   | 6.3    |
| 57.5° | 5.8    |
| 60°   | 4.9    |
| 62.5° | 4.5    |
| 65°   | 4.0    |
| 67.5° | 3.6    |
| 70°   | 3.1    |
| 72.5° | 2.7    |
| 75°   | 2.2    |
| 77.5° | 1.8    |
| 80°   | 1.3    |
| 82.5° | 0.9    |
| 85°   | 0.4    |
| 87.5° | 0.4    |
| 90°   | 0.0    |

(END OF REPORT)