

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: P1268229

Luminaire Tested: P3AS20R409735D010 E3DLD1H

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1268229  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R409735D010 E3DLD1H  
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 97CRI , E3DLD1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

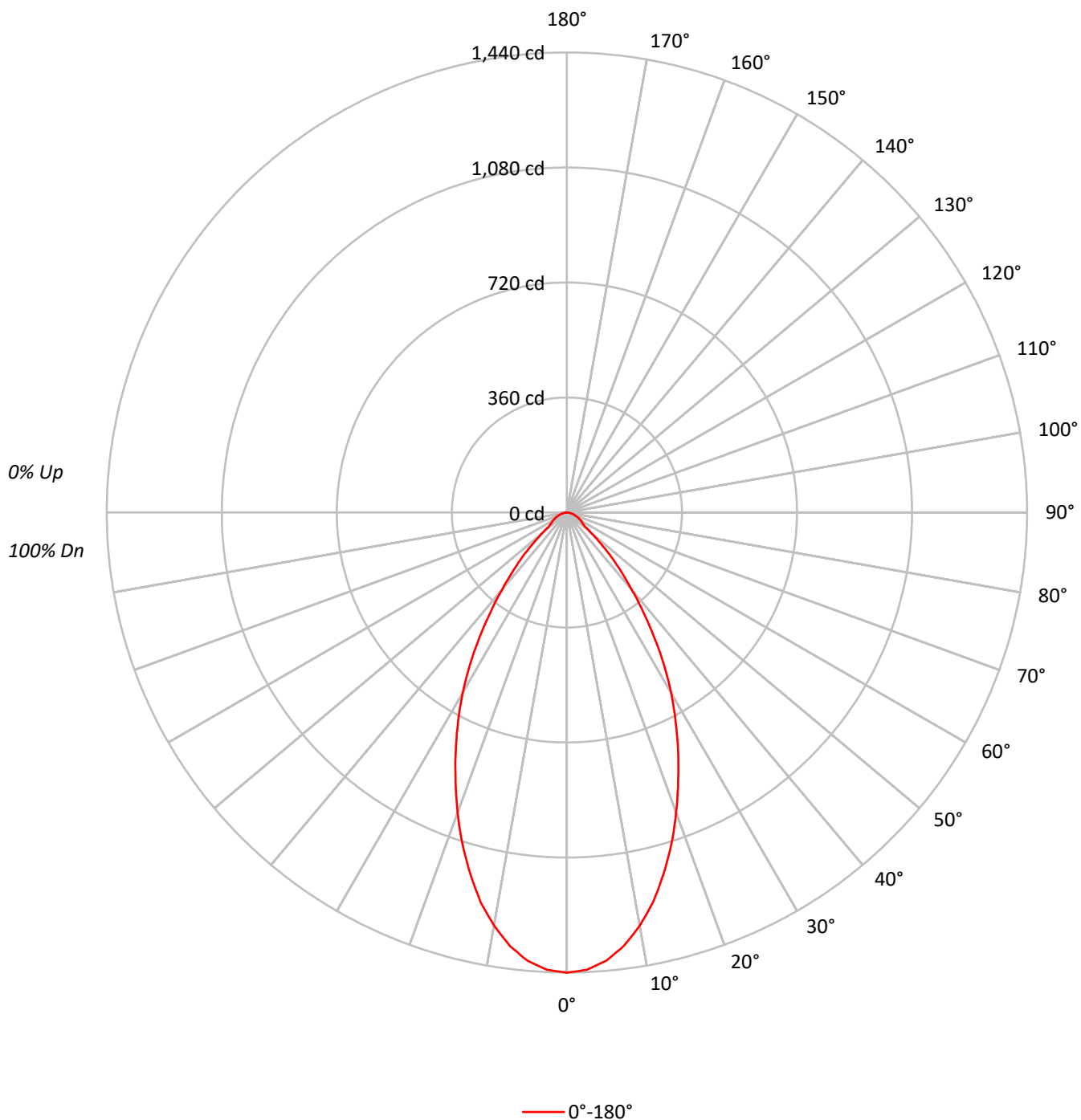
Lumens per Lamp: N/A  
Luminaire Lumens: 1407.0 lumens  
Efficiency: N/A  
Efficacy: 48.9 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 28.8  
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   | 112 | 109 | 106 | 104 | 110 | 107 | 104 | 102 | 103 | 101 | 99  |  | 99  | 98  | 96  |  | 96  |
| 2   | 106 | 100 | 96  | 92  | 104 | 98  | 94  | 91  | 95  | 92  | 89  |  | 92  | 89  | 87  |  | 89  |
| 3   | 100 | 92  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 84  | 80  |  | 86  | 82  | 79  |  | 83  |
| 4   | 94  | 85  | 79  | 74  | 92  | 84  | 78  | 74  | 82  | 77  | 73  |  | 80  | 75  | 72  |  | 78  |
| 5   | 89  | 79  | 73  | 68  | 87  | 78  | 72  | 67  | 76  | 71  | 67  |  | 75  | 70  | 66  |  | 73  |
| 6   | 84  | 74  | 67  | 62  | 82  | 73  | 67  | 62  | 71  | 66  | 61  |  | 70  | 65  | 61  |  | 68  |
| 7   | 79  | 69  | 62  | 57  | 78  | 68  | 62  | 57  | 67  | 61  | 57  |  | 65  | 60  | 57  |  | 64  |
| 8   | 75  | 64  | 58  | 53  | 74  | 64  | 57  | 53  | 63  | 57  | 53  |  | 62  | 56  | 53  |  | 61  |
| 9   | 71  | 60  | 54  | 50  | 70  | 60  | 54  | 50  | 59  | 53  | 49  |  | 58  | 53  | 49  |  | 57  |
| 10  | 67  | 57  | 51  | 46  | 66  | 56  | 50  | 46  | 56  | 50  | 46  |  | 55  | 50  | 46  |  | 54  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 315852 |
| 5°  | 310125 |
| 10° | 292313 |
| 15° | 265518 |
| 20° | 233260 |
| 25° | 199197 |
| 30° | 165013 |
| 35° | 127261 |
| 40° | 90570  |
| 45° | 61030  |
| 50° | 33295  |
| 55° | 23473  |
| 60° | 22103  |
| 65° | 20443  |
| 70° | 18144  |
| 75° | 17368  |
| 80° | 13891  |
| 85° | 11825  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 61030 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 131.4  | 9.3       |
| 10°-20°   | 325.8  | 23.2      |
| 20°-30°   | 376.6  | 26.8      |
| 30°-40°   | 296.8  | 21.1      |
| 40°-50°   | 152.4  | 10.8      |
| 50°-60°   | 58.3   | 4.1       |
| 60°-70°   | 38.6   | 2.7       |
| 70°-80°   | 20.9   | 1.5       |
| 80°-90°   | 6.2    | 0.4       |
| 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°    | 833.8  | 59.3      |
| 0°-40°    | 1130.7 | 80.4      |
| 0°-60°    | 1341.3 | 95.3      |
| 0°-90°    | 1407.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1407.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1440 |      |
| 5°  | 1409 | 131  |
| 15° | 1170 | 326  |
| 25° | 823  | 377  |
| 35° | 475  | 297  |
| 45° | 197  | 152  |
| 55° | 61   | 58   |
| 65° | 39   | 39   |
| 75° | 20   | 21   |
| 85° | 5    | 6    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     |
|-------|--------|
| 0°    | 1440.4 |
| 2.5°  | 1432.5 |
| 5°    | 1408.9 |
| 7.5°  | 1367.9 |
| 10°   | 1312.8 |
| 12.5° | 1248.3 |
| 15°   | 1169.6 |
| 17.5° | 1087.7 |
| 20°   | 999.6  |
| 22.5° | 909.9  |
| 25°   | 823.3  |
| 27.5° | 736.7  |
| 30°   | 651.7  |
| 32.5° | 565.1  |
| 35°   | 475.4  |
| 37.5° | 392.0  |
| 40°   | 316.4  |
| 42.5° | 251.9  |
| 45°   | 196.8  |
| 47.5° | 143.2  |
| 50°   | 97.6   |
| 52.5° | 70.8   |
| 55°   | 61.4   |
| 57.5° | 55.1   |
| 60°   | 50.4   |
| 62.5° | 44.1   |
| 65°   | 39.4   |
| 67.5° | 33.1   |
| 70°   | 28.3   |
| 72.5° | 23.6   |
| 75°   | 20.5   |
| 77.5° | 15.7   |
| 80°   | 11.0   |
| 82.5° | 9.4    |
| 85°   | 4.7    |
| 87.5° | 3.1    |
| 90°   | 0.0    |

(END OF REPORT)