

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: P1247580

Luminaire Tested: P3A20R259024D010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1247580  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A20R259024D010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

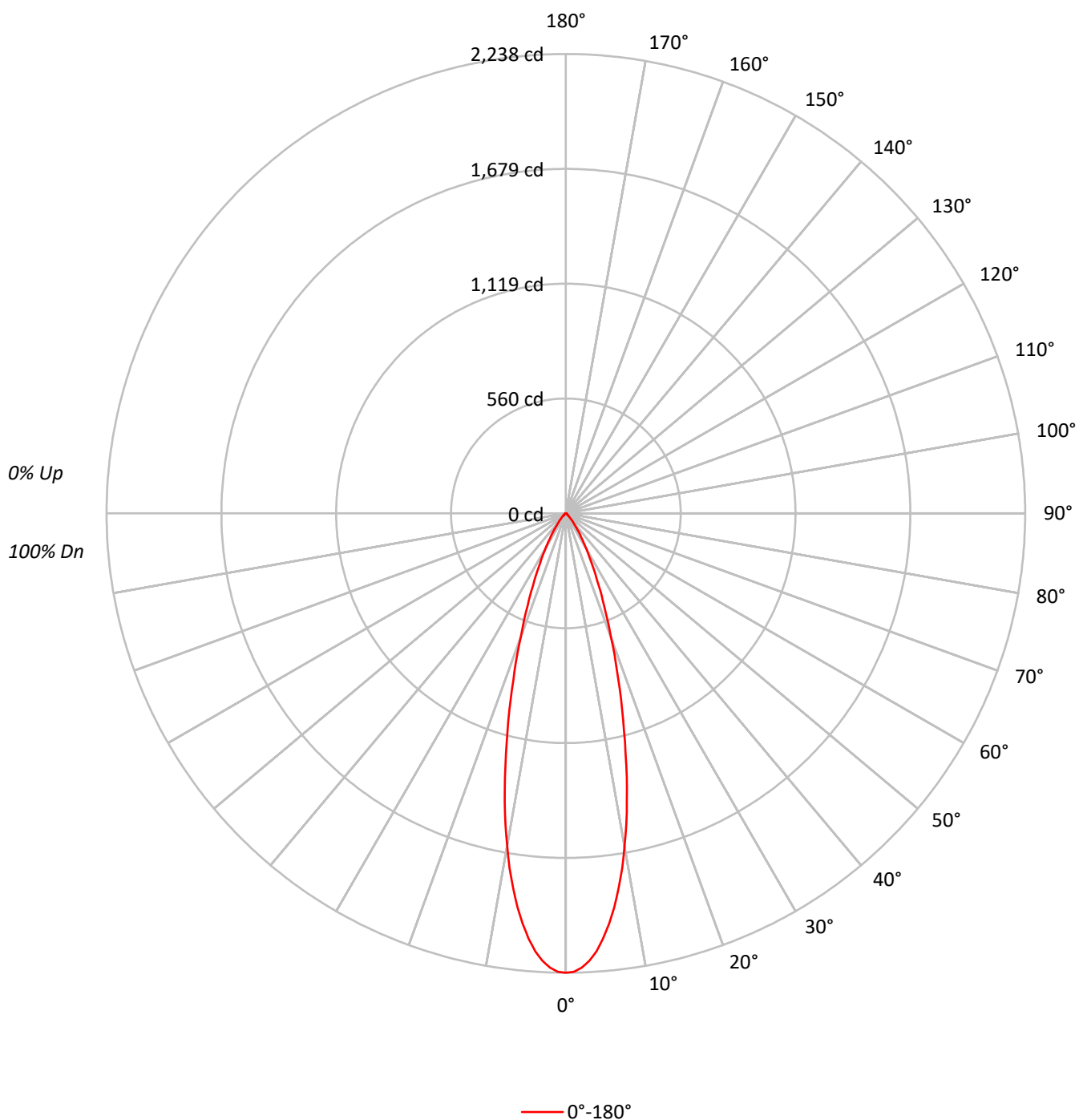
Lumens per Lamp: N/A  
Luminaire Lumens: 765.0 lumens  
Efficiency: N/A  
Efficacy: 26.6 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P1247580

CATALOG NUMBER: P3A20R259024D010 E3DL1GPH

### 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  | 87  | 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  | 86  | 81  | 78  | 84  | 80  | 77  | 83  | 79  | 77  | 82  | 78  | 76  | 75  | 74 | 73 |
| 7   | 90  | 83  | 78  | 74  | 89  | 82  | 77  | 74  | 81  | 77  | 74  | 80  | 76  | 73  | 79  | 75  | 73  | 72  | 71 | 70 |
| 8   | 87  | 79  | 74  | 71  | 86  | 79  | 74  | 71  | 78  | 74  | 71  | 77  | 73  | 70  | 76  | 73  | 70  | 69  | 68 | 67 |
| 9   | 84  | 76  | 71  | 68  | 83  | 76  | 71  | 68  | 75  | 71  | 68  | 74  | 70  | 68  | 73  | 70  | 67  | 66  | 65 | 64 |
| 10  | 81  | 73  | 69  | 65  | 80  | 73  | 68  | 65  | 72  | 68  | 65  | 72  | 68  | 65  | 71  | 67  | 65  | 64  | 63 | 62 |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 490728 |
| 5°  | 457824 |
| 10° | 366749 |
| 15° | 248946 |
| 20° | 150630 |
| 25° | 88094  |
| 30° | 50160  |
| 35° | 27599  |
| 40° | 14656  |
| 45° | 7722   |
| 50° | 4503   |
| 55° | 3364   |
| 60° | 2895   |
| 65° | 3009   |
| 70° | 2821   |
| 75° | 2457   |
| 80° | 1894   |
| 85° | 1761   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 7722 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 184.6  | 24.1      |
| 10°-20°   | 301.5  | 39.4      |
| 20°-30°   | 172.3  | 22.5      |
| 30°-40°   | 68.0   | 8.9       |
| 40°-50°   | 20.8   | 2.7       |
| 50°-60°   | 8.2    | 1.1       |
| 60°-70°   | 5.5    | 0.7       |
| 70°-80°   | 3.1    | 0.4       |
| 80°-90°   | 1.0    | 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°    | 658.3  | 86.1      |
| 0°-40°    | 726.3  | 94.9      |
| 0°-60°    | 755.4  | 98.7      |
| 0°-90°    | 765.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 765.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 2238 |      |
| 5°  | 2080 | 185  |
| 15° | 1097 | 301  |
| 25° | 364  | 172  |
| 35° | 103  | 68   |
| 45° | 25   | 21   |
| 55° | 9    | 8    |
| 65° | 6    | 5    |
| 75° | 3    | 3    |
| 85° | 1    | 1    |
| 90° | 0    |      |

TEST NUMBER: P1247580

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 2237.9 |
| 1°    | 2233.5 |
| 2°    | 2215.2 |
| 3°    | 2183.0 |
| 4°    | 2138.4 |
| 5°    | 2079.9 |
| 6°    | 2011.2 |
| 7°    | 1933.7 |
| 8°    | 1843.8 |
| 9°    | 1751.7 |
| 10°   | 1647.1 |
| 11°   | 1544.1 |
| 12°   | 1430.7 |
| 13°   | 1318.9 |
| 14°   | 1204.1 |
| 15°   | 1096.6 |
| 17.5° | 850.3  |
| 20°   | 645.5  |
| 22.5° | 484.7  |
| 25°   | 364.1  |
| 27.5° | 269.8  |
| 30°   | 198.1  |
| 32.5° | 143.3  |
| 35°   | 103.1  |
| 37.5° | 73.1   |
| 40°   | 51.2   |
| 42.5° | 35.1   |
| 45°   | 24.9   |
| 47.5° | 17.5   |
| 50°   | 13.2   |
| 52.5° | 10.2   |
| 55°   | 8.8    |
| 57.5° | 8.0    |
| 60°   | 6.6    |
| 62.5° | 5.8    |
| 65°   | 5.8    |
| 67.5° | 5.1    |
| 70°   | 4.4    |
| 72.5° | 3.7    |
| 75°   | 2.9    |
| 77.5° | 2.2    |
| 80°   | 1.5    |
| 82.5° | 1.5    |
| 85°   | 0.7    |
| 87.5° | 0.7    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)