

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: P1300481

Luminaire Tested: P3A17R35W2N902750DE010 E3DL1GPH\_3500K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1300481  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R35W2N902750DE010 E3DL1GPH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

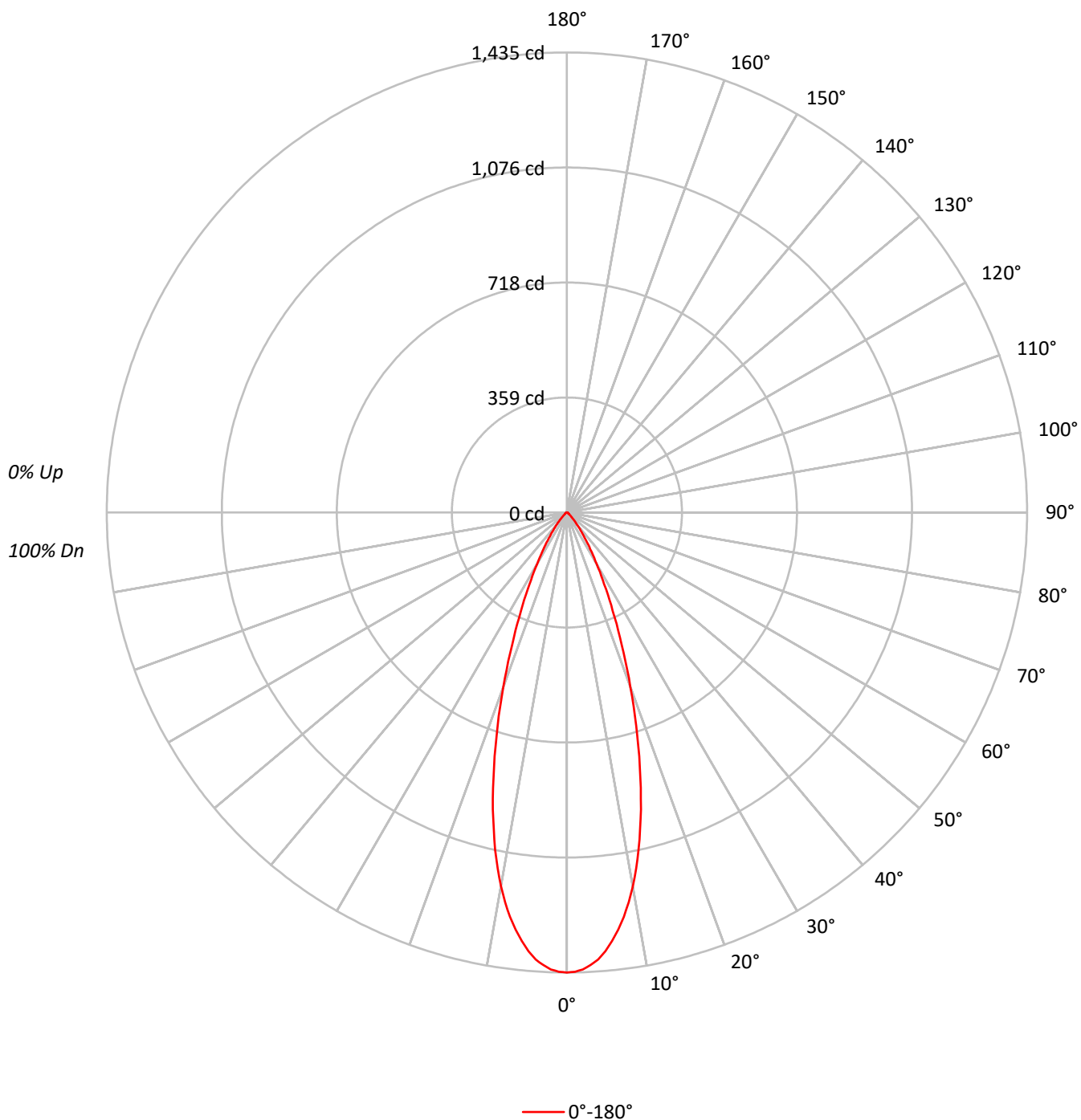
Lumens per Lamp: N/A  
Luminaire Lumens: 624.0 lumens  
Efficiency: N/A  
Efficacy: 32.2 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 19.4  
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 | 102 | 102 | 100 |
| 1   | 114 | 112 | 109 | 107 | 112 | 109 | 107 | 106 | 105 | 104 | 102 | 102 | 100 | 99  | 98  | 97  | 96  | 96  | 96  | 95  |
| 2   | 109 | 105 | 101 | 98  | 107 | 103 | 100 | 97  | 100 | 97  | 95  | 97  | 95  | 93  | 94  | 93  | 91  | 91  | 91  | 90  |
| 3   | 105 | 99  | 95  | 91  | 103 | 98  | 94  | 90  | 95  | 92  | 89  | 93  | 90  | 88  | 91  | 88  | 86  | 86  | 86  | 85  |
| 4   | 100 | 94  | 89  | 85  | 99  | 93  | 88  | 85  | 91  | 87  | 84  | 89  | 85  | 83  | 87  | 84  | 82  | 82  | 82  | 80  |
| 5   | 96  | 89  | 84  | 80  | 95  | 88  | 83  | 80  | 86  | 82  | 79  | 85  | 81  | 78  | 83  | 80  | 78  | 78  | 78  | 76  |
| 6   | 92  | 85  | 80  | 76  | 91  | 84  | 79  | 76  | 83  | 78  | 75  | 81  | 77  | 75  | 80  | 77  | 74  | 74  | 74  | 73  |
| 7   | 89  | 81  | 76  | 72  | 88  | 80  | 75  | 72  | 79  | 75  | 71  | 78  | 74  | 71  | 77  | 73  | 71  | 71  | 71  | 70  |
| 8   | 85  | 77  | 72  | 69  | 84  | 77  | 72  | 68  | 76  | 71  | 68  | 75  | 71  | 68  | 74  | 70  | 68  | 68  | 68  | 66  |
| 9   | 82  | 74  | 69  | 66  | 81  | 74  | 69  | 65  | 73  | 68  | 65  | 72  | 68  | 65  | 71  | 68  | 65  | 65  | 65  | 64  |
| 10  | 79  | 71  | 66  | 63  | 78  | 71  | 66  | 63  | 70  | 66  | 63  | 69  | 65  | 62  | 69  | 65  | 62  | 62  | 62  | 61  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 314712 |
| 5°  | 302465 |
| 10° | 263544 |
| 15° | 201863 |
| 20° | 135042 |
| 25° | 81706  |
| 30° | 46893  |
| 35° | 26207  |
| 40° | 13940  |
| 45° | 7164   |
| 50° | 3446   |
| 55° | 2714   |
| 60° | 2588   |
| 65° | 2179   |
| 70° | 2308   |
| 75° | 2033   |
| 80° | 2273   |
| 85° | 1510   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 7164 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 125.0  | 20.0      |
| 10°-20°   | 242.3  | 38.8      |
| 20°-30°   | 158.6  | 25.4      |
| 30°-40°   | 64.3   | 10.3      |
| 40°-50°   | 19.3   | 3.1       |
| 50°-60°   | 6.5    | 1.0       |
| 60°-70°   | 4.4    | 0.7       |
| 70°-80°   | 2.6    | 0.4       |
| 80°-90°   | 0.9    | 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°    | 525.9  | 84.3      |
| 0°-40°    | 590.2  | 94.6      |
| 0°-60°    | 616.1  | 98.7      |
| 0°-90°    | 624.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 624.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1435 |      |
| 5°  | 1374 | 125  |
| 15° | 889  | 242  |
| 25° | 338  | 159  |
| 35° | 98   | 64   |
| 45° | 23   | 19   |
| 55° | 7    | 7    |
| 65° | 4    | 4    |
| 75° | 2    | 3    |
| 85° | 1    | 1    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1435.2 |
| 1°    | 1432.9 |
| 2°    | 1426.3 |
| 3°    | 1413.3 |
| 4°    | 1397.8 |
| 5°    | 1374.1 |
| 6°    | 1344.4 |
| 7°    | 1311.2 |
| 8°    | 1273.8 |
| 9°    | 1231.0 |
| 10°   | 1183.6 |
| 11°   | 1130.7 |
| 12°   | 1075.5 |
| 13°   | 1013.8 |
| 14°   | 955.0  |
| 15°   | 889.2  |
| 17.5° | 729.5  |
| 20°   | 578.7  |
| 22.5° | 445.2  |
| 25°   | 337.7  |
| 27.5° | 251.7  |
| 30°   | 185.2  |
| 32.5° | 135.9  |
| 35°   | 97.9   |
| 37.5° | 69.4   |
| 40°   | 48.7   |
| 42.5° | 33.8   |
| 45°   | 23.1   |
| 47.5° | 15.4   |
| 50°   | 10.1   |
| 52.5° | 7.7    |
| 55°   | 7.1    |
| 57.5° | 6.5    |
| 60°   | 5.9    |
| 62.5° | 5.3    |
| 65°   | 4.2    |
| 67.5° | 3.6    |
| 70°   | 3.6    |
| 72.5° | 3.0    |
| 75°   | 2.4    |
| 77.5° | 1.8    |
| 80°   | 1.8    |
| 82.5° | 1.2    |
| 85°   | 0.6    |
| 87.5° | 0.6    |



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)