

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: P1300393

Luminaire Tested: P3AS17R30W2N902765DE010 E3DLP1GPH\_4000K

Issue Date: 1/30/2026

**Test Information**

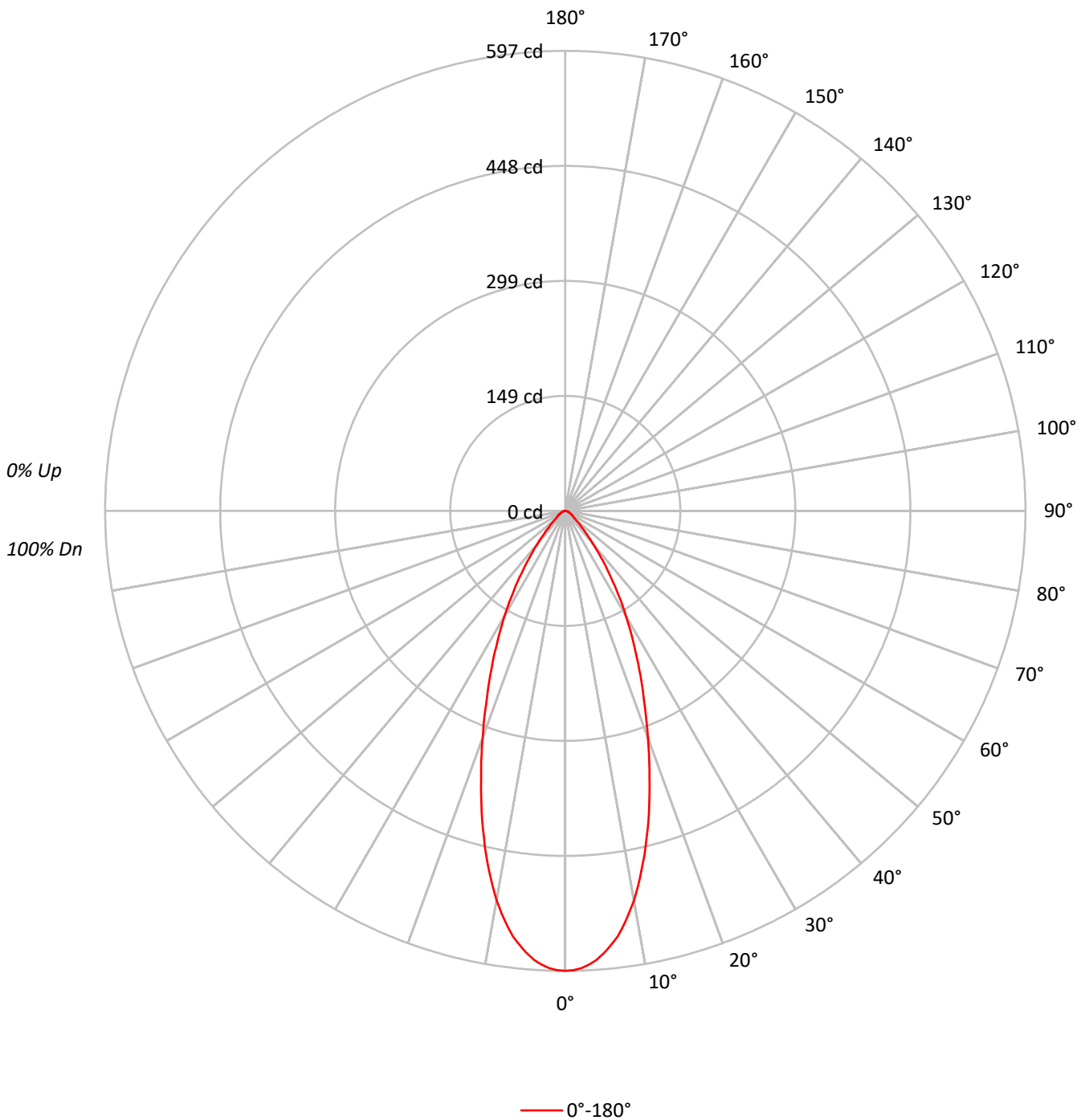
Test Method: LM-79-2019  
Report Number: P1300393  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R30W2N902765DE010 E3DLP1GPH\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 90CRI ,  
E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 383.1 lumens  
Efficiency: N/A  
Efficacy: 19.7 lumens/watt  
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7  
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  |     | 0  |    |
| 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   | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 | 100 | 99  | 97  | 97  | 96  | 95  | 93  |    |    |
| 2   | 107 | 102 | 98  | 95  | 105 | 101 | 97  | 94  | 97  | 94  | 92  | 94  | 92  | 90  | 92  | 90  | 88  | 86  |    |    |
| 3   | 102 | 95  | 90  | 86  | 100 | 94  | 89  | 85  | 91  | 87  | 84  | 89  | 86  | 83  | 87  | 84  | 82  | 80  |    |    |
| 4   | 97  | 89  | 84  | 79  | 95  | 88  | 83  | 79  | 86  | 81  | 78  | 84  | 80  | 77  | 82  | 79  | 76  | 74  |    |    |
| 5   | 92  | 84  | 78  | 73  | 90  | 83  | 77  | 73  | 81  | 76  | 72  | 79  | 75  | 72  | 78  | 74  | 71  | 70  |    |    |
| 6   | 88  | 79  | 73  | 68  | 86  | 78  | 72  | 68  | 76  | 71  | 68  | 75  | 71  | 67  | 74  | 70  | 67  | 65  |    |    |
| 7   | 83  | 74  | 68  | 64  | 82  | 74  | 68  | 64  | 72  | 67  | 63  | 71  | 67  | 63  | 70  | 66  | 63  | 61  |    |    |
| 8   | 80  | 70  | 64  | 60  | 78  | 70  | 64  | 60  | 69  | 63  | 60  | 67  | 63  | 60  | 67  | 62  | 59  | 58  |    |    |
| 9   | 76  | 67  | 61  | 57  | 75  | 66  | 60  | 57  | 65  | 60  | 56  | 64  | 60  | 56  | 63  | 59  | 56  | 55  |    |    |
| 10  | 73  | 63  | 58  | 54  | 72  | 63  | 57  | 54  | 62  | 57  | 53  | 61  | 57  | 53  | 60  | 56  | 53  | 52  |    |    |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 130889 |
| 5°  | 126810 |
| 10° | 114249 |
| 15° | 94507  |
| 20° | 73180  |
| 25° | 54898  |
| 30° | 39854  |
| 35° | 26555  |
| 40° | 16316  |
| 45° | 9582   |
| 50° | 5868   |
| 55° | 4779   |
| 60° | 4166   |
| 65° | 3373   |
| 70° | 3077   |
| 75° | 3050   |
| 80° | 2273   |
| 85° | 3019   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9582 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 53.0   | 13.8      |
| 10°-20°   | 114.7  | 29.9      |
| 20°-30°   | 104.3  | 27.2      |
| 30°-40°   | 63.1   | 16.5      |
| 40°-50°   | 25.3   | 6.6       |
| 50°-60°   | 11.2   | 2.9       |
| 60°-70°   | 6.7    | 1.8       |
| 70°-80°   | 3.7    | 1.0       |
| 80°-90°   | 1.1    | 0.3       |
| 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°    | 272.0  | 71.0      |
| 0°-40°    | 335.0  | 87.5      |
| 0°-60°    | 371.5  | 97.0      |
| 0°-90°    | 383.1  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 383.1  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 597 |      |
| 5°  | 576 | 53   |
| 15° | 416 | 115  |
| 25° | 227 | 104  |
| 35° | 99  | 63   |
| 45° | 31  | 25   |
| 55° | 12  | 11   |
| 65° | 6   | 7    |
| 75° | 4   | 4    |
| 85° | 1   | 1    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 596.9 |
| 1°    | 596.3 |
| 2°    | 593.9 |
| 3°    | 589.7 |
| 4°    | 583.8 |
| 5°    | 576.1 |
| 6°    | 566.6 |
| 7°    | 556.5 |
| 8°    | 543.4 |
| 9°    | 528.6 |
| 10°   | 513.1 |
| 11°   | 495.3 |
| 12°   | 476.3 |
| 13°   | 457.3 |
| 14°   | 436.5 |
| 15°   | 416.3 |
| 17.5° | 363.5 |
| 20°   | 313.6 |
| 22.5° | 267.2 |
| 25°   | 226.9 |
| 27.5° | 190.0 |
| 30°   | 157.4 |
| 32.5° | 127.1 |
| 35°   | 99.2  |
| 37.5° | 76.0  |
| 40°   | 57.0  |
| 42.5° | 41.6  |
| 45°   | 30.9  |
| 47.5° | 23.2  |
| 50°   | 17.2  |
| 52.5° | 13.7  |
| 55°   | 12.5  |
| 57.5° | 10.7  |
| 60°   | 9.5   |
| 62.5° | 7.7   |
| 65°   | 6.5   |
| 67.5° | 5.9   |
| 70°   | 4.8   |
| 72.5° | 4.2   |
| 75°   | 3.6   |
| 77.5° | 3.0   |
| 80°   | 1.8   |
| 82.5° | 1.2   |
| 85°   | 1.2   |
| 87.5° | 0.6   |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)