

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: P1300707

Luminaire Tested: P3A17R35W2N902765DE010 E3DLP1H\_4000K

Issue Date: 1/30/2026

**Test Information**

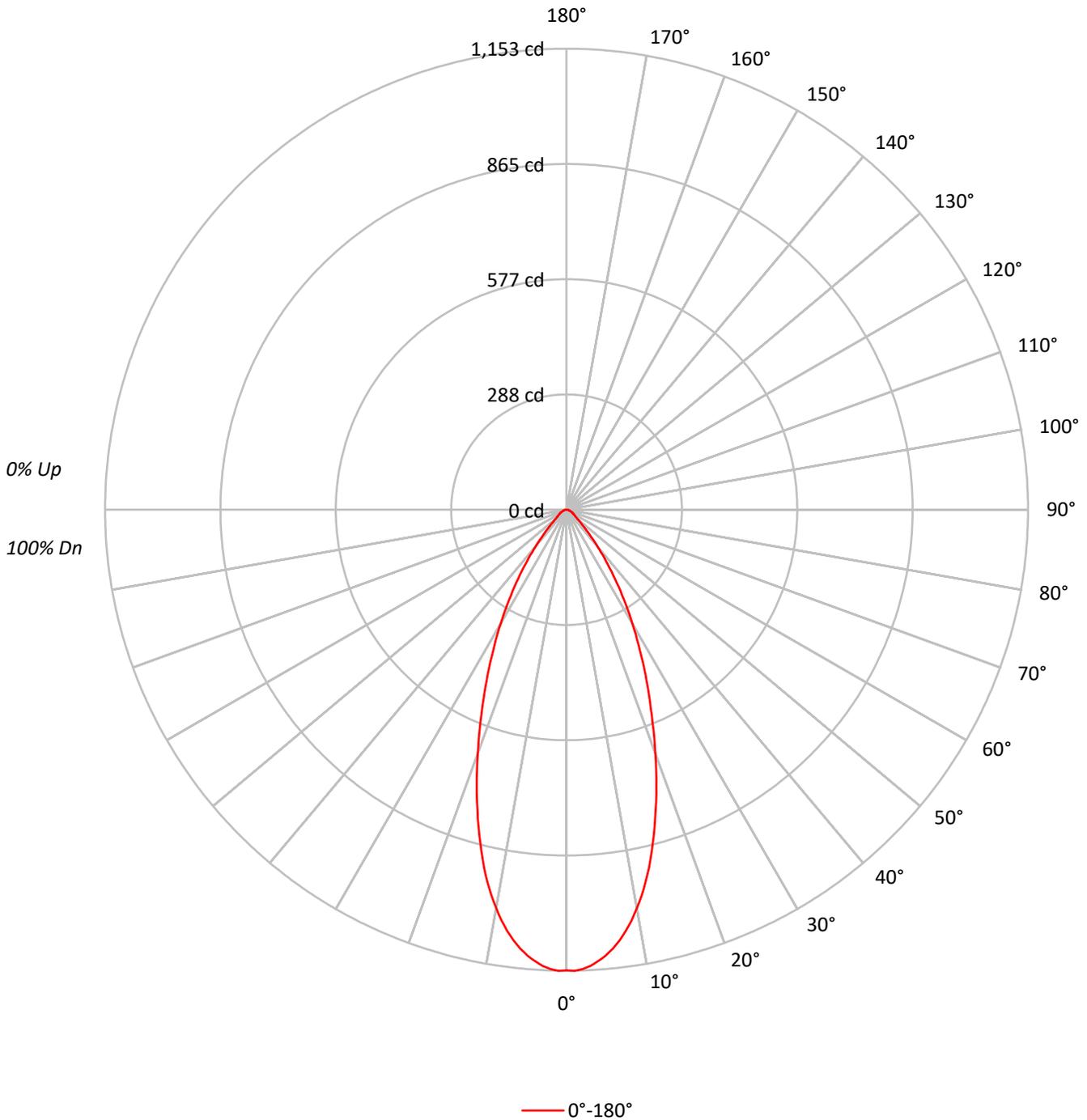
Test Method: LM-79-2019  
Report Number: P1300707  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R35W2N902765DE010 E3DLP1H\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 90CRI ,  
E3DLP1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 786.0 lumens  
Efficiency: N/A  
Efficacy: 40.5 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
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 | 0 |
| 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  | 94  | 105 | 100 | 97  | 93  | 97  | 94  | 91  | 94  | 92  | 89  | 91  | 89  | 87  | 86  |    |    |   |
| 3   | 102 | 95  | 90  | 86  | 100 | 94  | 89  | 85  | 91  | 87  | 84  | 89  | 85  | 82  | 86  | 84  | 81  | 80  |    |    |   |
| 4   | 97  | 89  | 83  | 79  | 95  | 88  | 82  | 78  | 86  | 81  | 77  | 84  | 80  | 77  | 82  | 78  | 76  | 74  |    |    |   |
| 5   | 92  | 83  | 77  | 73  | 90  | 82  | 77  | 73  | 81  | 76  | 72  | 79  | 75  | 71  | 77  | 74  | 71  | 69  |    |    |   |
| 6   | 87  | 78  | 72  | 68  | 86  | 77  | 72  | 68  | 76  | 71  | 67  | 75  | 70  | 67  | 73  | 69  | 66  | 65  |    |    |   |
| 7   | 83  | 74  | 68  | 63  | 82  | 73  | 67  | 63  | 72  | 67  | 63  | 71  | 66  | 63  | 69  | 65  | 62  | 61  |    |    |   |
| 8   | 79  | 70  | 64  | 60  | 78  | 69  | 63  | 59  | 68  | 63  | 59  | 67  | 62  | 59  | 66  | 62  | 59  | 57  |    |    |   |
| 9   | 76  | 66  | 60  | 56  | 75  | 66  | 60  | 56  | 65  | 59  | 56  | 64  | 59  | 56  | 63  | 59  | 56  | 54  |    |    |   |
| 10  | 72  | 63  | 57  | 53  | 71  | 62  | 57  | 53  | 61  | 56  | 53  | 61  | 56  | 53  | 60  | 56  | 53  | 51  |    |    |   |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 252633 |
| 5°  | 246422 |
| 10° | 225291 |
| 15° | 191216 |
| 20° | 151376 |
| 25° | 114490 |
| 30° | 83355  |
| 35° | 56376  |
| 40° | 34636  |
| 45° | 19878  |
| 50° | 11974  |
| 55° | 9711   |
| 60° | 8508   |
| 65° | 7524   |
| 70° | 6219   |
| 75° | 6185   |
| 80° | 6061   |
| 85° | 6038   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 19878 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 103.5  | 13.2      |
| 10°-20°   | 232.2  | 29.5      |
| 20°-30°   | 217.2  | 27.6      |
| 30°-40°   | 133.0  | 16.9      |
| 40°-50°   | 52.4   | 6.7       |
| 50°-60°   | 23.1   | 2.9       |
| 60°-70°   | 14.3   | 1.8       |
| 70°-80°   | 7.7    | 1.0       |
| 80°-90°   | 2.6    | 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°    | 552.9  | 70.3      |
| 0°-40°    | 685.9  | 87.3      |
| 0°-60°    | 761.4  | 96.9      |
| 0°-90°    | 786.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 786.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1152 |      |
| 5°  | 1120 | 103  |
| 15° | 842  | 232  |
| 25° | 473  | 217  |
| 35° | 211  | 133  |
| 45° | 64   | 52   |
| 55° | 25   | 23   |
| 65° | 14   | 14   |
| 75° | 7    | 8    |
| 85° | 2    | 3    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1152.1 |
| 1°    | 1153.3 |
| 2°    | 1149.7 |
| 3°    | 1142.5 |
| 4°    | 1131.6 |
| 5°    | 1119.5 |
| 6°    | 1103.7 |
| 7°    | 1085.6 |
| 8°    | 1063.8 |
| 9°    | 1039.6 |
| 10°   | 1011.8 |
| 11°   | 982.7  |
| 12°   | 951.2  |
| 13°   | 917.4  |
| 14°   | 879.8  |
| 15°   | 842.3  |
| 17.5° | 745.5  |
| 20°   | 648.7  |
| 22.5° | 555.5  |
| 25°   | 473.2  |
| 27.5° | 397.0  |
| 30°   | 329.2  |
| 32.5° | 266.3  |
| 35°   | 210.6  |
| 37.5° | 161.0  |
| 40°   | 121.0  |
| 42.5° | 87.1   |
| 45°   | 64.1   |
| 47.5° | 46.0   |
| 50°   | 35.1   |
| 52.5° | 29.0   |
| 55°   | 25.4   |
| 57.5° | 21.8   |
| 60°   | 19.4   |
| 62.5° | 16.9   |
| 65°   | 14.5   |
| 67.5° | 12.1   |
| 70°   | 9.7    |
| 72.5° | 8.5    |
| 75°   | 7.3    |
| 77.5° | 6.1    |
| 80°   | 4.8    |
| 82.5° | 3.6    |
| 85°   | 2.4    |
| 87.5° | 1.2    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)