

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: P1275382

Luminaire Tested: P3AS05R259835DE010 E3DLP1WH

Issue Date: 1/30/2026

**Test Information**

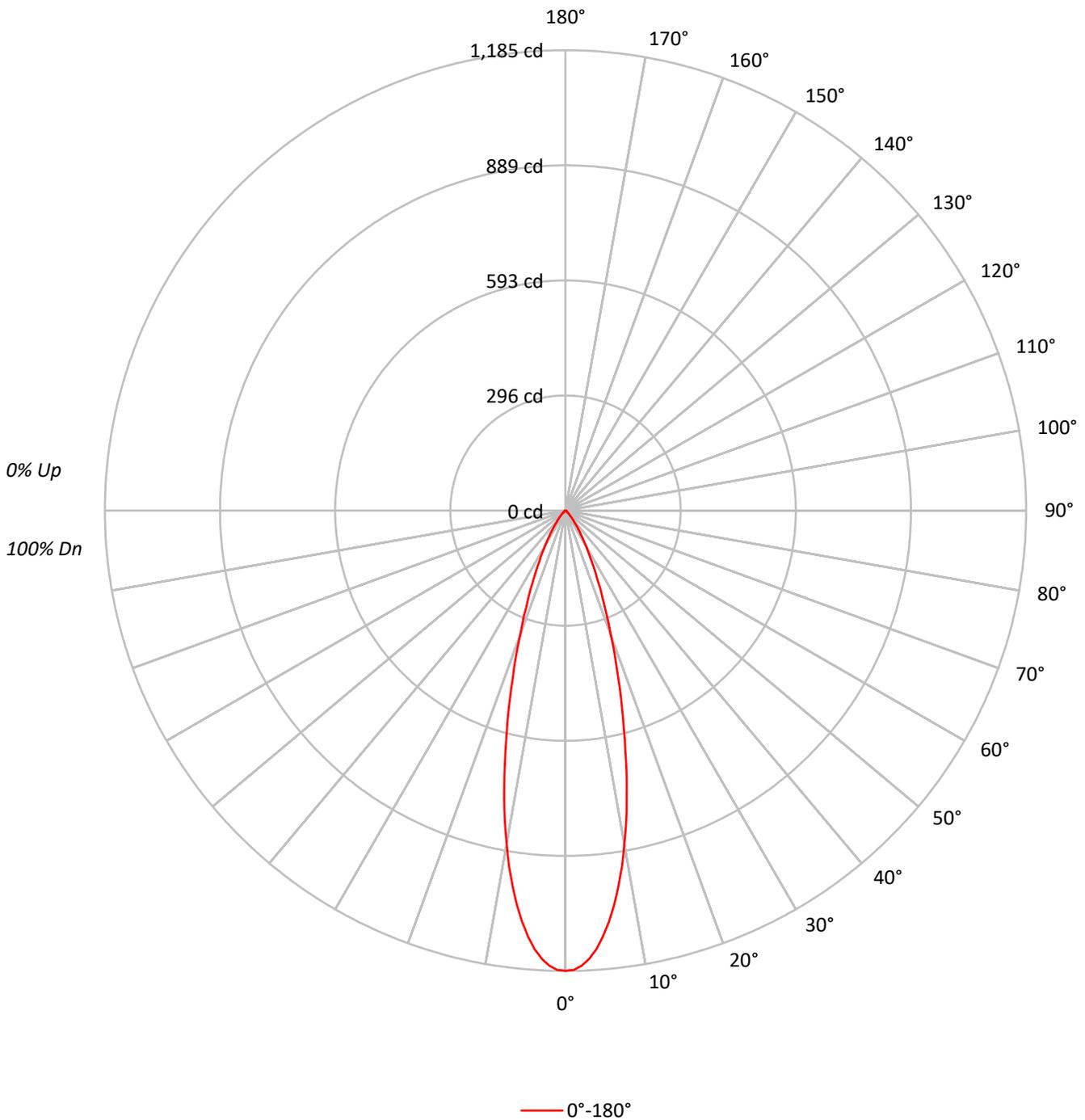
Test Method: LM-79-2019  
Report Number: P1275382  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R259835DE010 E3DLP1WH  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DLP1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 405.0 lumens  
Efficiency: N/A  
Efficacy: 56.3 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): 7.2  
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  |     |     |     | 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 | 100 | 100 | 100 |
| 1   | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99  | 98  | 97  | 95  | 95  | 95  | 95  |
| 2   | 110 | 105 | 102 | 99  | 107 | 104 | 101 | 98  | 101 | 98  | 96  | 98  | 96  | 94  | 95  | 93  | 92  | 90  | 90  | 90  | 90  |
| 3   | 105 | 100 | 96  | 92  | 103 | 98  | 95  | 91  | 96  | 93  | 90  | 94  | 91  | 89  | 91  | 89  | 87  | 86  | 86  | 86  | 86  |
| 4   | 101 | 95  | 90  | 87  | 99  | 94  | 89  | 86  | 92  | 88  | 85  | 90  | 87  | 84  | 88  | 85  | 83  | 82  | 82  | 82  | 82  |
| 5   | 97  | 90  | 85  | 82  | 96  | 89  | 85  | 81  | 88  | 84  | 81  | 86  | 83  | 80  | 85  | 82  | 79  | 78  | 78  | 78  | 78  |
| 6   | 94  | 86  | 81  | 78  | 92  | 86  | 81  | 78  | 84  | 80  | 77  | 83  | 79  | 77  | 82  | 78  | 76  | 75  | 75  | 75  | 75  |
| 7   | 90  | 83  | 78  | 74  | 89  | 82  | 77  | 74  | 81  | 77  | 74  | 80  | 76  | 73  | 79  | 75  | 73  | 72  | 72  | 72  | 72  |
| 8   | 87  | 79  | 74  | 71  | 86  | 79  | 74  | 71  | 78  | 74  | 71  | 77  | 73  | 70  | 76  | 73  | 70  | 69  | 69  | 69  | 69  |
| 9   | 84  | 76  | 71  | 68  | 83  | 76  | 71  | 68  | 75  | 71  | 68  | 74  | 70  | 68  | 73  | 70  | 67  | 66  | 66  | 66  | 66  |
| 10  | 81  | 73  | 69  | 65  | 80  | 73  | 68  | 65  | 72  | 68  | 65  | 72  | 68  | 65  | 71  | 67  | 65  | 64  | 64  | 64  | 64  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 259782 |
| 5°  | 242372 |
| 10° | 194163 |
| 15° | 131806 |
| 20° | 79760  |
| 25° | 46624  |
| 30° | 26561  |
| 35° | 14616  |
| 40° | 7757   |
| 45° | 4093   |
| 50° | 2388   |
| 55° | 1759   |
| 60° | 1535   |
| 65° | 1608   |
| 70° | 1475   |
| 75° | 1271   |
| 80° | 1010   |
| 85° | 1006   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4093 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 97.7   | 24.1      |
| 10°-20°   | 159.6  | 39.4      |
| 20°-30°   | 91.2   | 22.5      |
| 30°-40°   | 36.0   | 8.9       |
| 40°-50°   | 11.1   | 2.7       |
| 50°-60°   | 4.4    | 1.1       |
| 60°-70°   | 2.9    | 0.7       |
| 70°-80°   | 1.6    | 0.4       |
| 80°-90°   | 0.5    | 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       |
| 0°-30°    | 348.5  | 86.1      |
| 0°-40°    | 384.5  | 94.9      |
| 0°-60°    | 399.9  | 98.7      |
| 0°-90°    | 405.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 405.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1185 |      |
| 5°  | 1101 | 98   |
| 15° | 581  | 160  |
| 25° | 193  | 91   |
| 35° | 55   | 36   |
| 45° | 13   | 11   |
| 55° | 5    | 4    |
| 65° | 3    | 3    |
| 75° | 2    | 2    |
| 85° | 0    | 1    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1184.7 |
| 1°    | 1182.4 |
| 2°    | 1172.7 |
| 3°    | 1155.7 |
| 4°    | 1132.1 |
| 5°    | 1101.1 |
| 6°    | 1064.8 |
| 7°    | 1023.7 |
| 8°    | 976.1  |
| 9°    | 927.4  |
| 10°   | 872.0  |
| 11°   | 817.4  |
| 12°   | 757.4  |
| 13°   | 698.2  |
| 14°   | 637.5  |
| 15°   | 580.6  |
| 17.5° | 450.1  |
| 20°   | 341.8  |
| 22.5° | 256.6  |
| 25°   | 192.7  |
| 27.5° | 142.8  |
| 30°   | 104.9  |
| 32.5° | 75.9   |
| 35°   | 54.6   |
| 37.5° | 38.7   |
| 40°   | 27.1   |
| 42.5° | 18.6   |
| 45°   | 13.2   |
| 47.5° | 9.3    |
| 50°   | 7.0    |
| 52.5° | 5.4    |
| 55°   | 4.6    |
| 57.5° | 4.3    |
| 60°   | 3.5    |
| 62.5° | 3.1    |
| 65°   | 3.1    |
| 67.5° | 2.7    |
| 70°   | 2.3    |
| 72.5° | 1.9    |
| 75°   | 1.5    |
| 77.5° | 1.2    |
| 80°   | 0.8    |
| 82.5° | 0.8    |
| 85°   | 0.4    |
| 87.5° | 0.4    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)