

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: P1253900

Luminaire Tested: P3AS05R309035DE010 E3DLP1WH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1253900  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R309035DE010 E3DLP1WH  
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLP1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

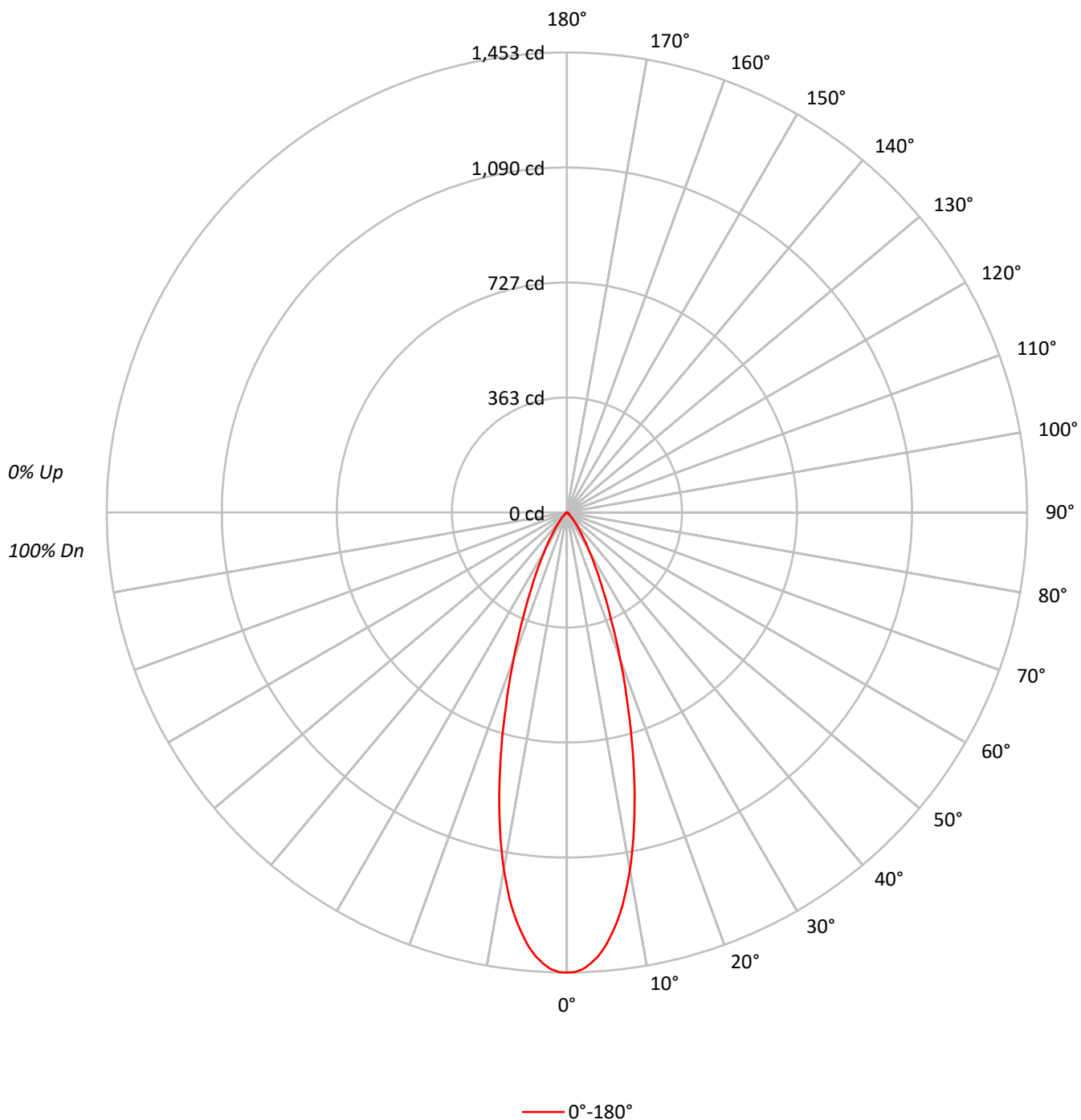
Lumens per Lamp: N/A  
Luminaire Lumens: 546.0 lumens  
Efficiency: N/A  
Efficacy: 75.8 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P1253900

CATALOG NUMBER: P3AS05R309035DE010 E3DLP1WH

### Luminous Intensity Polar Plot



TEST NUMBER: P1253900

CATALOG NUMBER: P3AS05R309035DE010 E3DLP1WH

**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  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 |
| 1   | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 |  | 102 | 101 | 100 |  | 99  |
| 2   | 110 | 105 | 102 | 99  | 107 | 104 | 101 | 98  | 101 | 98  | 96  |  | 98  | 96  | 94  |  | 95  |
| 3   | 105 | 100 | 96  | 92  | 103 | 98  | 95  | 91  | 96  | 93  | 90  |  | 94  | 91  | 89  |  | 91  |
| 4   | 101 | 95  | 90  | 87  | 99  | 94  | 89  | 86  | 92  | 88  | 85  |  | 90  | 87  | 84  |  | 88  |
| 5   | 97  | 90  | 85  | 82  | 96  | 89  | 85  | 81  | 88  | 84  | 81  |  | 86  | 83  | 80  |  | 85  |
| 6   | 94  | 86  | 81  | 78  | 92  | 85  | 81  | 77  | 84  | 80  | 77  |  | 83  | 79  | 76  |  | 81  |
| 7   | 90  | 82  | 77  | 74  | 89  | 82  | 77  | 74  | 81  | 76  | 73  |  | 80  | 76  | 73  |  | 79  |
| 8   | 87  | 79  | 74  | 71  | 86  | 79  | 74  | 71  | 78  | 73  | 70  |  | 77  | 73  | 70  |  | 76  |
| 9   | 84  | 76  | 71  | 68  | 83  | 75  | 71  | 68  | 75  | 70  | 67  |  | 74  | 70  | 67  |  | 73  |
| 10  | 81  | 73  | 68  | 65  | 80  | 73  | 68  | 65  | 72  | 68  | 65  |  | 71  | 67  | 65  |  | 71  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 318615 |
| 5°  | 303257 |
| 10° | 255083 |
| 15° | 183951 |
| 20° | 114110 |
| 25° | 64891  |
| 30° | 36056  |
| 35° | 19595  |
| 40° | 10334  |
| 45° | 5613   |
| 50° | 3002   |
| 55° | 1988   |
| 60° | 1798   |
| 65° | 1868   |
| 70° | 1667   |
| 75° | 1271   |
| 80° | 1263   |
| 85° | 1258   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 5613 cd/sqm

TEST NUMBER: P1253900

CATALOG NUMBER: P3AS05R309035DE010 E3DLP1WH

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 124.1  | 22.7      |
| 10°-20°   | 220.5  | 40.4      |
| 20°-30°   | 127.5  | 23.3      |
| 30°-40°   | 48.4   | 8.9       |
| 40°-50°   | 14.9   | 2.7       |
| 50°-60°   | 5.0    | 0.9       |
| 60°-70°   | 3.4    | 0.6       |
| 70°-80°   | 1.8    | 0.3       |
| 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       |
| <hr/>     |        |           |
| 0°-30°    | 472.0  | 86.5      |
| 0°-40°    | 520.4  | 95.3      |
| 0°-60°    | 540.3  | 98.9      |
| 0°-90°    | 546.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 546.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1453 |      |
| 5°  | 1378 | 124  |
| 15° | 810  | 221  |
| 25° | 268  | 127  |
| 35° | 73   | 48   |
| 45° | 18   | 15   |
| 55° | 5    | 5    |
| 65° | 4    | 3    |
| 75° | 2    | 2    |
| 85° | 0    | 1    |
| 90° | 0    |      |

TEST NUMBER: P1253900

CATALOG NUMBER: P3AS05R309035DE010 E3DLP1WH

**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1453.0 |
| 1°    | 1451.9 |
| 2°    | 1443.2 |
| 3°    | 1426.7 |
| 4°    | 1406.0 |
| 5°    | 1377.7 |
| 6°    | 1341.6 |
| 7°    | 1301.3 |
| 8°    | 1256.5 |
| 9°    | 1202.8 |
| 10°   | 1145.6 |
| 11°   | 1083.7 |
| 12°   | 1018.2 |
| 13°   | 949.6  |
| 14°   | 879.9  |
| 15°   | 810.3  |
| 17.5° | 639.1  |
| 20°   | 489.0  |
| 22.5° | 362.6  |
| 25°   | 268.2  |
| 27.5° | 195.0  |
| 30°   | 142.4  |
| 32.5° | 102.6  |
| 35°   | 73.2   |
| 37.5° | 51.1   |
| 40°   | 36.1   |
| 42.5° | 25.3   |
| 45°   | 18.1   |
| 47.5° | 12.4   |
| 50°   | 8.8    |
| 52.5° | 6.2    |
| 55°   | 5.2    |
| 57.5° | 4.6    |
| 60°   | 4.1    |
| 62.5° | 3.6    |
| 65°   | 3.6    |
| 67.5° | 3.1    |
| 70°   | 2.6    |
| 72.5° | 2.1    |
| 75°   | 1.5    |
| 77.5° | 1.5    |
| 80°   | 1.0    |
| 82.5° | 1.0    |
| 85°   | 0.5    |
| 87.5° | 0.0    |



TEST NUMBER: P1253900

CATALOG NUMBER: P3AS05R309035DE010 E3DLP1WH

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)