

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: P1276424

Luminaire Tested: P3AS17R309835DE010 E3CB1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1276424  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R309835DE010 E3CB1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3CB1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

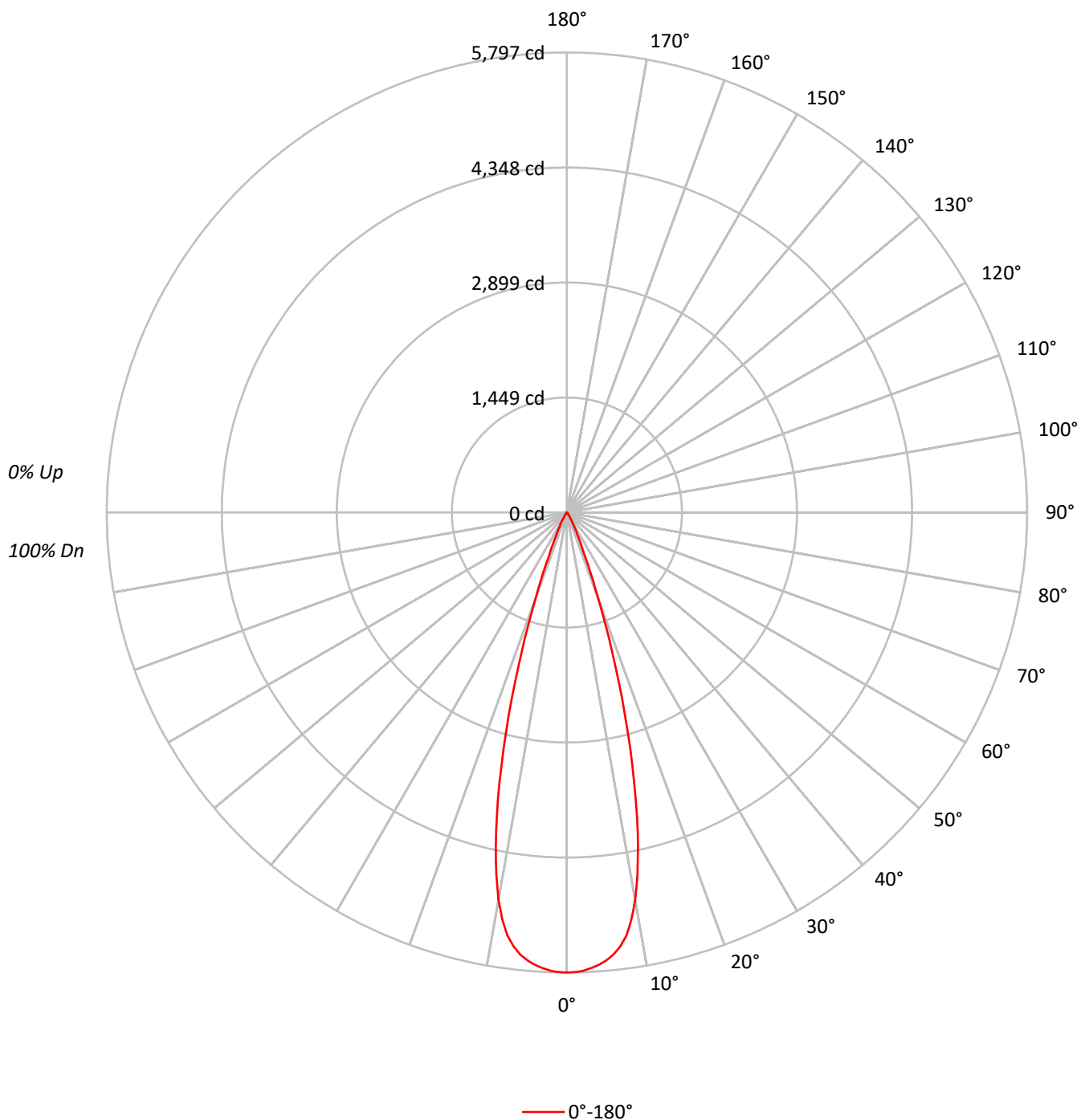
Lumens per Lamp: N/A  
Luminaire Lumens: 1561.0 lumens  
Efficiency: N/A  
Efficacy: 76.5 lumens/watt  
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 20.4  
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

TEST NUMBER: P1276424

CATALOG NUMBER: P3AS17R309835DE010 E3CB1MW

### Luminous Intensity Polar Plot



TEST NUMBER: P1276424

CATALOG NUMBER: P3AS17R309835DE010 E3CB1MW

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|--|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |  | 20  |     |     |  | 20  |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |  | 30  |     |     |  | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 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 |  | 100 |
| 1   | 115 | 113 | 111 | 109 | 113 | 111 | 109 | 108 | 107 | 106 | 104 |  | 103 | 102 | 101 |  | 97  |
| 2   | 111 | 108 | 105 | 102 | 109 | 106 | 104 | 101 | 103 | 101 | 99  |  | 100 | 99  | 97  |  | 94  |
| 3   | 108 | 103 | 100 | 97  | 106 | 102 | 99  | 96  | 100 | 97  | 95  |  | 97  | 95  | 93  |  | 91  |
| 4   | 105 | 100 | 96  | 93  | 103 | 99  | 95  | 92  | 97  | 94  | 91  |  | 95  | 92  | 90  |  | 88  |
| 5   | 102 | 96  | 92  | 89  | 100 | 95  | 91  | 89  | 94  | 90  | 88  |  | 92  | 89  | 87  |  | 85  |
| 6   | 99  | 93  | 89  | 86  | 98  | 92  | 88  | 86  | 91  | 88  | 85  |  | 90  | 87  | 85  |  | 83  |
| 7   | 96  | 90  | 86  | 83  | 95  | 89  | 86  | 83  | 88  | 85  | 82  |  | 87  | 84  | 82  |  | 81  |
| 8   | 94  | 87  | 83  | 81  | 93  | 87  | 83  | 80  | 86  | 83  | 80  |  | 85  | 82  | 80  |  | 79  |
| 9   | 91  | 85  | 81  | 78  | 90  | 84  | 81  | 78  | 84  | 80  | 78  |  | 83  | 80  | 78  |  | 77  |
| 10  | 89  | 83  | 79  | 76  | 88  | 82  | 78  | 76  | 82  | 78  | 76  |  | 81  | 78  | 76  |  | 75  |

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

|     |         |
|-----|---------|
|     | 0°      |
| 0°  | 1271170 |
| 5°  | 1247168 |
| 10° | 1104054 |
| 15° | 699482  |
| 20° | 265510  |
| 25° | 78609   |
| 30° | 31043   |
| 35° | 9530    |
| 40° | 4208    |
| 45° | 1520    |
| 50° | 1262    |
| 55° | 956     |
| 60° | 1096    |
| 65° | 1297    |
| 70° | 769     |
| 75° | 1017    |
| 80° | 1515    |
| 85° | 0       |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 1520 cd/sqm

TEST NUMBER: P1276424

CATALOG NUMBER: P3AS17R309835DE010 E3CB1MW

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 520.8  | 33.4      |
| 10°-20°   | 811.7  | 52.0      |
| 20°-30°   | 188.5  | 12.1      |
| 30°-40°   | 29.2   | 1.9       |
| 40°-50°   | 5.0    | 0.3       |
| 50°-60°   | 2.4    | 0.2       |
| 60°-70°   | 2.0    | 0.1       |
| 70°-80°   | 1.3    | 0.1       |
| 80°-90°   | 0.2    | 0.0       |
| 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°    | 1521.0 | 97.4      |
| 0°-40°    | 1550.2 | 99.3      |
| 0°-60°    | 1557.6 | 99.8      |
| 0°-90°    | 1561.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1561.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 5797 |      |
| 5°  | 5666 | 521  |
| 15° | 3081 | 812  |
| 25° | 325  | 188  |
| 35° | 36   | 29   |
| 45° | 5    | 5    |
| 55° | 2    | 2    |
| 65° | 2    | 2    |
| 75° | 1    | 1    |
| 85° | 0    | 0    |
| 90° | 0    |      |

TEST NUMBER: P1276424

CATALOG NUMBER: P3AS17R309835DE010 E3CB1MW

**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 5797.0 |
| 1°    | 5793.4 |
| 2°    | 5777.4 |
| 3°    | 5750.5 |
| 4°    | 5716.1 |
| 5°    | 5665.9 |
| 6°    | 5603.3 |
| 7°    | 5510.1 |
| 8°    | 5382.6 |
| 9°    | 5195.0 |
| 10°   | 4958.4 |
| 11°   | 4653.1 |
| 12°   | 4308.5 |
| 13°   | 3926.0 |
| 14°   | 3505.4 |
| 15°   | 3081.2 |
| 17.5° | 2015.7 |
| 20°   | 1137.8 |
| 22.5° | 581.2  |
| 25°   | 324.9  |
| 27.5° | 199.9  |
| 30°   | 122.6  |
| 32.5° | 66.2   |
| 35°   | 35.6   |
| 37.5° | 23.3   |
| 40°   | 14.7   |
| 42.5° | 8.6    |
| 45°   | 4.9    |
| 47.5° | 3.7    |
| 50°   | 3.7    |
| 52.5° | 2.5    |
| 55°   | 2.5    |
| 57.5° | 2.5    |
| 60°   | 2.5    |
| 62.5° | 2.5    |
| 65°   | 2.5    |
| 67.5° | 1.2    |
| 70°   | 1.2    |
| 72.5° | 1.2    |
| 75°   | 1.2    |
| 77.5° | 1.2    |
| 80°   | 1.2    |
| 82.5° | 0.0    |
| 85°   | 0.0    |
| 87.5° | 0.0    |



TEST NUMBER: P1276424

CATALOG NUMBER: P3AS17R309835DE010 E3CB1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)