

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: P1426728

Luminaire Tested: P3A17RH9030DE010 E3HY1GPH

Issue Date: 3/9/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1426728  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-658-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/9/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17RH9030DE010 E3HY1GPH  
Description: 3in Adjustable LED luminaire with, RH optic, 3000K CCT AND, 90CRI , E3HY1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

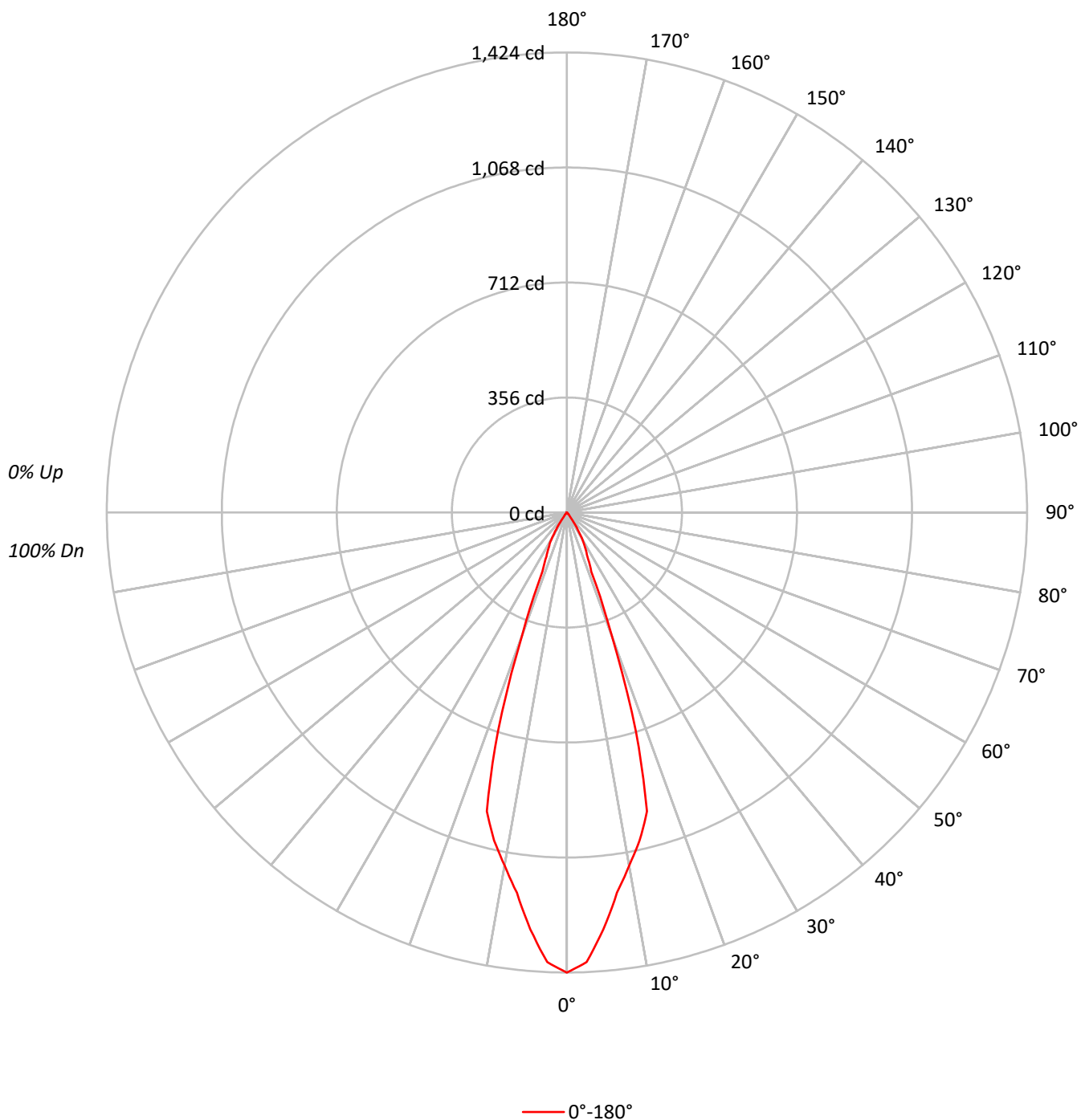
Lumens per Lamp: N/A  
Luminaire Lumens: 460.0 lumens  
Efficiency: N/A  
Efficacy: 21.7 lumens/watt  
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 21.2  
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: P1426728

CATALOG NUMBER: P3A17RH9030DE010 E3HY1GPH

### Luminous Intensity Polar Plot



TEST NUMBER: P1426728

CATALOG NUMBER: P3A17RH9030DE010 E3HY1GPH

**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  | 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   | 115 | 113 | 111 | 109 | 112 | 110 | 109 | 107 | 106 | 105 | 104 | 103 | 102 | 101 | 99  | 99  | 98  | 96  |    |    |
| 2   | 111 | 107 | 104 | 101 | 109 | 105 | 103 | 100 | 102 | 100 | 98  | 99  | 98  | 96  | 97  | 95  | 94  | 92  |    |    |
| 3   | 107 | 102 | 98  | 95  | 105 | 101 | 97  | 95  | 98  | 95  | 93  | 96  | 94  | 92  | 94  | 92  | 90  | 89  |    |    |
| 4   | 103 | 98  | 94  | 90  | 102 | 97  | 93  | 90  | 95  | 91  | 89  | 93  | 90  | 88  | 91  | 89  | 87  | 86  |    |    |
| 5   | 100 | 94  | 89  | 86  | 99  | 93  | 89  | 86  | 91  | 88  | 85  | 90  | 87  | 84  | 88  | 86  | 84  | 83  |    |    |
| 6   | 97  | 90  | 86  | 83  | 96  | 89  | 85  | 82  | 88  | 84  | 82  | 87  | 84  | 81  | 86  | 83  | 81  | 80  |    |    |
| 7   | 94  | 87  | 82  | 79  | 93  | 86  | 82  | 79  | 85  | 81  | 79  | 84  | 81  | 78  | 83  | 80  | 78  | 77  |    |    |
| 8   | 91  | 84  | 79  | 76  | 90  | 83  | 79  | 76  | 82  | 79  | 76  | 81  | 78  | 76  | 81  | 78  | 75  | 74  |    |    |
| 9   | 88  | 81  | 77  | 74  | 87  | 81  | 76  | 74  | 80  | 76  | 73  | 79  | 76  | 73  | 78  | 75  | 73  | 72  |    |    |
| 10  | 85  | 78  | 74  | 71  | 85  | 78  | 74  | 71  | 77  | 73  | 71  | 77  | 73  | 71  | 76  | 73  | 71  | 70  |    |    |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 312321 |
| 5°  | 285119 |
| 10° | 247045 |
| 15° | 217322 |
| 20° | 94532  |
| 25° | 36220  |
| 30° | 24510  |
| 35° | 8298   |
| 40° | 2576   |
| 45° | 806    |
| 50° | 0      |
| 55° | 0      |
| 60° | 0      |
| 65° | 0      |
| 70° | 0      |
| 75° | 0      |
| 80° | 0      |
| 85° | 0      |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 806 cd/sqm

TEST NUMBER: P1426728

CATALOG NUMBER: P3A17RH9030DE010 E3HY1GPH

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 117.4  | 25.5      |
| 10°-20°   | 235.7  | 51.2      |
| 20°-30°   | 79.9   | 17.4      |
| 30°-40°   | 24.4   | 5.3       |
| 40°-50°   | 2.5    | 0.6       |
| 50°-60°   | 0.0    | 0.0       |
| 60°-70°   | 0.0    | 0.0       |
| 70°-80°   | 0.0    | 0.0       |
| 80°-90°   | 0.0    | 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°    | 433.0  | 94.1      |
| 0°-40°    | 457.5  | 99.4      |
| 0°-60°    | 460.0  | 100.0     |
| 0°-90°    | 460.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 460.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1424 |      |
| 5°  | 1295 | 117  |
| 15° | 957  | 236  |
| 25° | 150  | 80   |
| 35° | 31   | 24   |
| 45° | 3    | 3    |
| 55° | 0    | 0    |
| 65° | 0    | 0    |
| 75° | 0    | 0    |
| 85° | 0    | 0    |
| 90° | 0    |      |

TEST NUMBER: P1426728

CATALOG NUMBER: P3A17RH9030DE010 E3HY1GPH

**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1424.3 |
| 2.5°  | 1393.3 |
| 5°    | 1295.3 |
| 7.5°  | 1186.9 |
| 10°   | 1109.5 |
| 12.5° | 1039.8 |
| 15°   | 957.3  |
| 17.5° | 710.9  |
| 20°   | 405.1  |
| 22.5° | 197.4  |
| 25°   | 149.7  |
| 27.5° | 121.3  |
| 30°   | 96.8   |
| 32.5° | 61.9   |
| 35°   | 31.0   |
| 37.5° | 16.8   |
| 40°   | 9.0    |
| 42.5° | 5.2    |
| 45°   | 2.6    |
| 47.5° | 1.3    |
| 50°   | 0.0    |
| 52.5° | 0.0    |
| 55°   | 0.0    |
| 57.5° | 0.0    |
| 60°   | 0.0    |
| 62.5° | 0.0    |
| 65°   | 0.0    |
| 67.5° | 0.0    |
| 70°   | 0.0    |
| 72.5° | 0.0    |
| 75°   | 0.0    |
| 77.5° | 0.0    |
| 80°   | 0.0    |
| 82.5° | 0.0    |
| 85°   | 0.0    |
| 87.5° | 0.0    |
| 90°   | 0.0    |

(END OF REPORT)