

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: P1311339

Luminaire Tested: P3SQAS13R359050DE010 E3SQCD1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1311339  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3SQAS13R359050DE010 E3SQCD1MMS  
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3SQCD1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

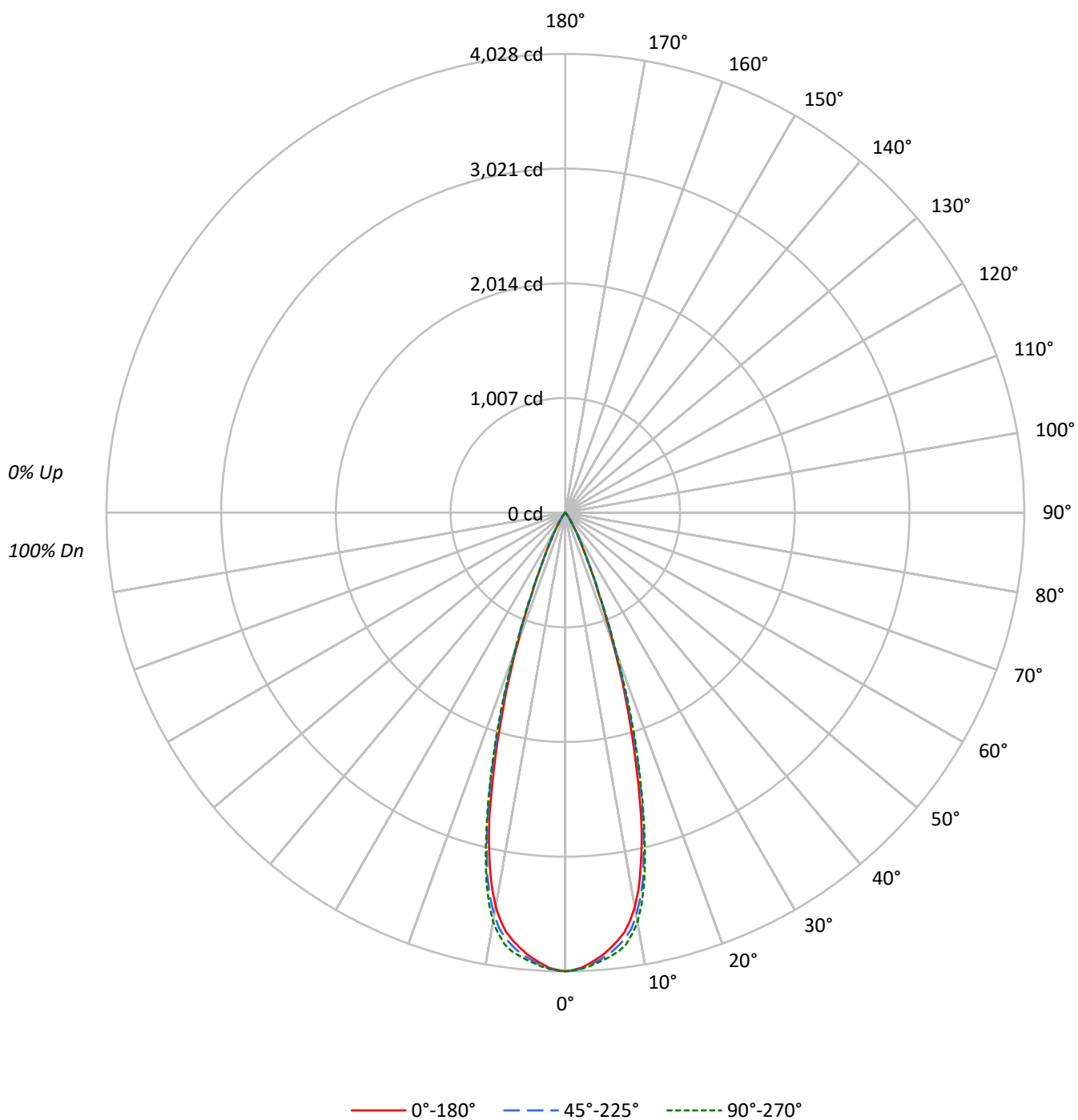
Lumens per Lamp: N/A  
Luminaire Lumens: 1341.0 lumens  
Efficiency: N/A  
Efficacy: 91.8 lumens/watt  
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.6  
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: P1311339

CATALOG NUMBER: P3SQAS13R359050DE010 E3SQCD1MMS

### Luminous Intensity Polar Plot



TEST NUMBER: P1311339

CATALOG NUMBER: P3SQAS13R359050DE010 E3SQCD1MMS

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

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

|     | 0°     | 45°    | 90°    |
|-----|--------|--------|--------|
| 0°  | 693644 | 693644 | 693644 |
| 5°  | 672609 | 677380 | 681045 |
| 10° | 614631 | 627625 | 638397 |
| 15° | 442001 | 461328 | 465108 |
| 20° | 225026 | 236315 | 236902 |
| 25° | 85379  | 87184  | 84771  |
| 30° | 33171  | 38441  | 32316  |
| 35° | 11395  | 17871  | 10722  |
| 40° | 3822   | 6924   | 3575   |
| 45° | 268    | 2338   | 268    |
| 50° | 0      | 295    | 0      |
| 55° | 0      | 0      | 0      |
| 60° | 0      | 0      | 0      |
| 65° | 0      | 0      | 0      |
| 70° | 0      | 0      | 0      |
| 75° | 0      | 0      | 0      |
| 80° | 0      | 0      | 0      |
| 85° | 0      | 0      | 0      |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 2338 cd/sqm

TEST NUMBER: P1311339

CATALOG NUMBER: P3SQAS13R359050DE010 E3SQCD1MMS

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 364.6  | 27.2      |
| 10°-20°   | 679.3  | 50.7      |
| 20°-30°   | 244.2  | 18.2      |
| 30°-40°   | 47.7   | 3.6       |
| 40°-50°   | 5.3    | 0.4       |
| 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°    | 1288.0 | 96.0      |
| 0°-40°    | 1335.7 | 99.6      |
| 0°-60°    | 1341.0 | 100.0     |
| 0°-90°    | 1341.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1341.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 22.5° | 45°  | 67.5° | 90°  | Flux |
|-----|------|-------|------|-------|------|------|
| 0°  | 4028 | 4028  | 4028 | 4028  | 4028 |      |
| 5°  | 3891 | 3901  | 3918 | 3936  | 3939 | 360  |
| 15° | 2479 | 2520  | 2587 | 2605  | 2609 | 659  |
| 25° | 449  | 454   | 459  | 456   | 446  | 236  |
| 35° | 54   | 62    | 85   | 63    | 51   | 40   |
| 45° | 1    | 3     | 10   | 3     | 1    | 3    |
| 55° | 0    | 0     | 0    | 0     | 0    | 0    |
| 65° | 0    | 0     | 0    | 0     | 0    | 0    |
| 75° | 0    | 0     | 0    | 0     | 0    | 0    |
| 85° | 0    | 0     | 0    | 0     | 0    | 0    |
| 90° | 0    | 0     | 0    | 0     | 0    |      |

TEST NUMBER: P1311339

CATALOG NUMBER: P3SQAS13R359050DE010 E3SQCD1MMS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 22.5°  | 45°    | 67.5°  | 90°    |
|-------|--------|--------|--------|--------|--------|
| 0°    | 4027.6 | 4027.6 | 4027.6 | 4027.6 | 4027.6 |
| 1°    | 4015.9 | 4021.2 | 4022.3 | 4029.7 | 4021.2 |
| 2°    | 3998.9 | 4002.1 | 4006.4 | 4012.7 | 4008.5 |
| 3°    | 3966.0 | 3972.4 | 3981.9 | 3990.4 | 3990.4 |
| 4°    | 3930.9 | 3939.4 | 3951.1 | 3966.0 | 3964.9 |
| 5°    | 3890.6 | 3901.2 | 3918.2 | 3936.3 | 3939.4 |
| 6°    | 3839.6 | 3852.3 | 3880.0 | 3905.5 | 3909.7 |
| 7°    | 3785.4 | 3804.6 | 3831.1 | 3868.3 | 3877.8 |
| 8°    | 3721.7 | 3736.6 | 3774.8 | 3818.4 | 3829.0 |
| 9°    | 3628.2 | 3650.5 | 3699.4 | 3739.8 | 3746.1 |
| 10°   | 3514.6 | 3530.5 | 3588.9 | 3631.4 | 3650.5 |
| 11°   | 3368.0 | 3391.4 | 3448.7 | 3492.3 | 3505.0 |
| 12°   | 3181.1 | 3215.1 | 3282.0 | 3313.8 | 3324.5 |
| 13°   | 2979.3 | 3008.0 | 3060.0 | 3099.3 | 3107.8 |
| 14°   | 2752.0 | 2779.6 | 2833.8 | 2865.6 | 2858.2 |
| 15°   | 2479.0 | 2520.4 | 2587.4 | 2605.4 | 2608.6 |
| 17.5° | 1831.1 | 1857.7 | 1917.1 | 1945.8 | 1966.0 |
| 20°   | 1227.8 | 1253.3 | 1289.4 | 1308.5 | 1292.6 |
| 22.5° | 746.7  | 767.9  | 787.0  | 786.0  | 780.7  |
| 25°   | 449.3  | 453.5  | 458.8  | 455.7  | 446.1  |
| 27.5° | 262.3  | 274.0  | 290.0  | 279.3  | 263.4  |
| 30°   | 166.8  | 176.3  | 193.3  | 175.3  | 162.5  |
| 32.5° | 88.2   | 111.5  | 129.6  | 105.2  | 92.4   |
| 35°   | 54.2   | 61.6   | 85.0   | 62.7   | 51.0   |
| 37.5° | 32.9   | 38.2   | 53.1   | 37.2   | 29.7   |
| 40°   | 17.0   | 24.4   | 30.8   | 22.3   | 15.9   |
| 42.5° | 5.3    | 11.7   | 17.0   | 10.6   | 5.3    |
| 45°   | 1.1    | 3.2    | 9.6    | 3.2    | 1.1    |
| 47.5° | 0.0    | 0.0    | 4.2    | 1.1    | 0.0    |
| 50°   | 0.0    | 0.0    | 1.1    | 0.0    | 0.0    |
| 52.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 55°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 57.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 60°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 62.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 65°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 67.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 70°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 72.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 75°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 77.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P1311339

CATALOG NUMBER: P3SQAS13R359050DE010 E3SQCD1MMS

CANDELA DISTRIBUTION (continued):

|     | 0°  | 22.5° | 45° | 67.5° | 90° |
|-----|-----|-------|-----|-------|-----|
| 90° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |

(END OF REPORT)