

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: P1284994

Luminaire Tested: P3AS13R35B2750DE010 E3DLP1WH\_3500K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1284994  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R35B2750DE010 E3DLP1WH\_3500K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 80CRI , E3DLP1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

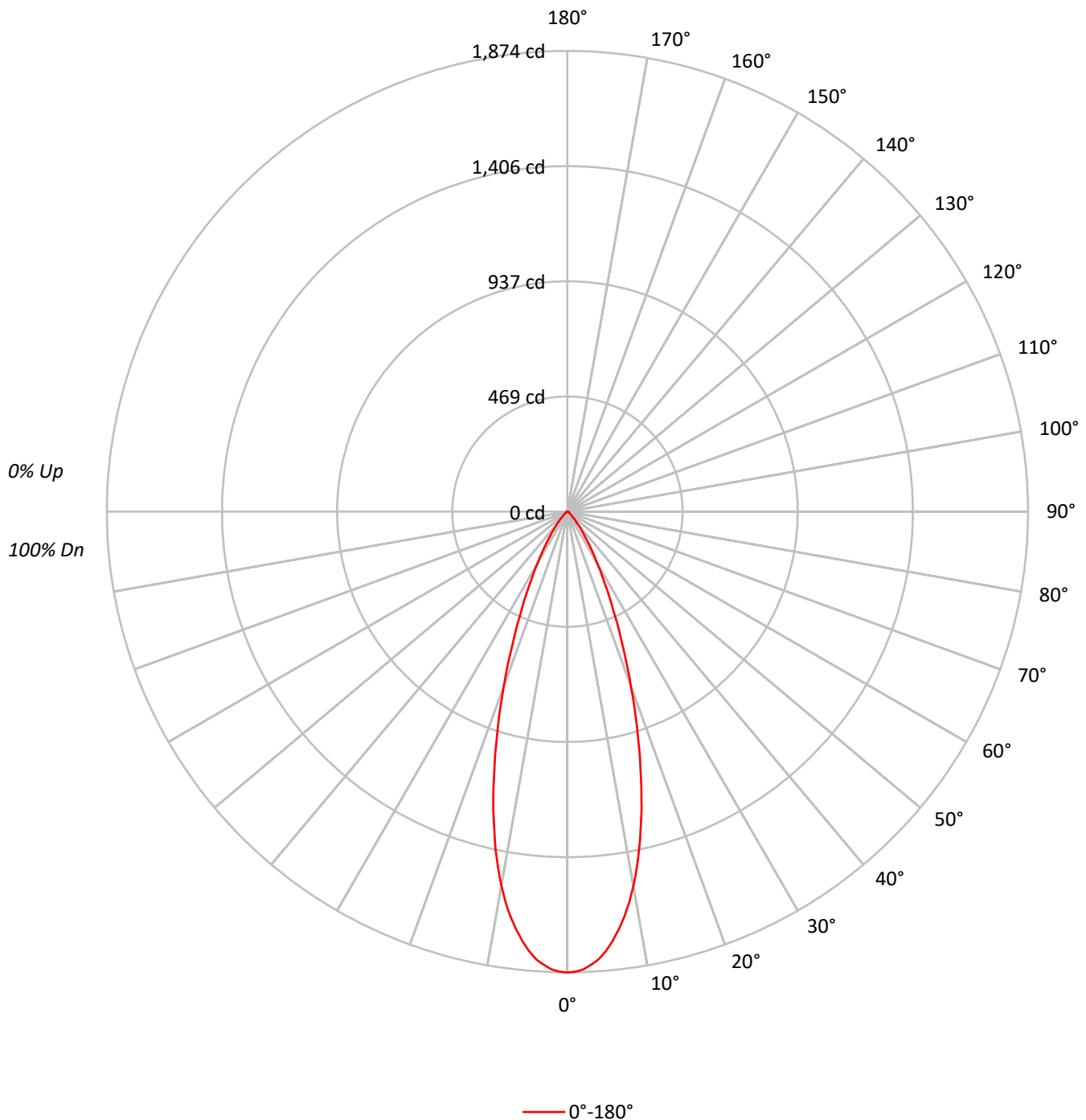
Lumens per Lamp: N/A  
Luminaire Lumens: 815.1 lumens  
Efficiency: N/A  
Efficacy: 42.7 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 19.1  
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 |
| 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   | 114 | 112 | 109 | 107 | 112 | 109 | 107 | 106 | 105 | 104 | 102 | 102 | 100 | 99  | 98  | 97  | 96  | 95  |    |    |    |
| 2   | 109 | 105 | 101 | 98  | 107 | 103 | 100 | 97  | 100 | 97  | 95  | 97  | 95  | 93  | 94  | 93  | 91  | 90  |    |    |    |
| 3   | 105 | 99  | 95  | 91  | 103 | 98  | 94  | 90  | 95  | 92  | 89  | 93  | 90  | 88  | 91  | 88  | 86  | 85  |    |    |    |
| 4   | 100 | 94  | 89  | 85  | 99  | 93  | 88  | 85  | 91  | 87  | 84  | 89  | 85  | 83  | 87  | 84  | 82  | 80  |    |    |    |
| 5   | 96  | 89  | 84  | 80  | 95  | 88  | 83  | 80  | 86  | 82  | 79  | 85  | 81  | 78  | 83  | 80  | 78  | 76  |    |    |    |
| 6   | 92  | 85  | 80  | 76  | 91  | 84  | 79  | 76  | 83  | 78  | 75  | 81  | 77  | 75  | 80  | 77  | 74  | 73  |    |    |    |
| 7   | 89  | 81  | 76  | 72  | 88  | 80  | 75  | 72  | 79  | 75  | 71  | 78  | 74  | 71  | 77  | 73  | 71  | 70  |    |    |    |
| 8   | 85  | 77  | 72  | 69  | 84  | 77  | 72  | 68  | 76  | 71  | 68  | 75  | 71  | 68  | 74  | 70  | 68  | 66  |    |    |    |
| 9   | 82  | 74  | 69  | 66  | 81  | 74  | 69  | 65  | 73  | 68  | 65  | 72  | 68  | 65  | 71  | 67  | 65  | 64  |    |    |    |
| 10  | 79  | 71  | 66  | 63  | 78  | 71  | 66  | 63  | 70  | 66  | 63  | 69  | 65  | 62  | 69  | 65  | 62  | 61  |    |    |    |

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

|     | 0°     |
|-----|--------|
| 0°  | 411042 |
| 5°  | 395046 |
| 10° | 344193 |
| 15° | 263634 |
| 20° | 176392 |
| 25° | 106724 |
| 30° | 61250  |
| 35° | 34238  |
| 40° | 18206  |
| 45° | 9365   |
| 50° | 4503   |
| 55° | 3555   |
| 60° | 3421   |
| 65° | 2802   |
| 70° | 3013   |
| 75° | 2626   |
| 80° | 2904   |
| 85° | 2013   |

**MAXIMUM LUMINANCE 45°-90°:**

Luminance: 9365 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 163.3  | 20.0      |
| 10°-20°   | 316.4  | 38.8      |
| 20°-30°   | 207.2  | 25.4      |
| 30°-40°   | 84.0   | 10.3      |
| 40°-50°   | 25.2   | 3.1       |
| 50°-60°   | 8.6    | 1.1       |
| 60°-70°   | 5.8    | 0.7       |
| 70°-80°   | 3.4    | 0.4       |
| 80°-90°   | 1.2    | 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°    | 686.9  | 84.3      |
| 0°-40°    | 770.9  | 94.6      |
| 0°-60°    | 804.7  | 98.7      |
| 0°-90°    | 815.1  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 815.1  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1874 |      |
| 5°  | 1795 | 163  |
| 15° | 1161 | 316  |
| 25° | 441  | 207  |
| 35° | 128  | 84   |
| 45° | 30   | 25   |
| 55° | 9    | 9    |
| 65° | 5    | 6    |
| 75° | 3    | 3    |
| 85° | 1    | 1    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1874.5 |
| 1°    | 1871.4 |
| 2°    | 1862.9 |
| 3°    | 1845.9 |
| 4°    | 1825.7 |
| 5°    | 1794.7 |
| 6°    | 1755.9 |
| 7°    | 1712.5 |
| 8°    | 1663.7 |
| 9°    | 1607.9 |
| 10°   | 1545.8 |
| 11°   | 1476.8 |
| 12°   | 1404.7 |
| 13°   | 1324.1 |
| 14°   | 1247.4 |
| 15°   | 1161.3 |
| 17.5° | 952.8  |
| 20°   | 755.9  |
| 22.5° | 581.4  |
| 25°   | 441.1  |
| 27.5° | 328.7  |
| 30°   | 241.9  |
| 32.5° | 177.5  |
| 35°   | 127.9  |
| 37.5° | 90.7   |
| 40°   | 63.6   |
| 42.5° | 44.2   |
| 45°   | 30.2   |
| 47.5° | 20.2   |
| 50°   | 13.2   |
| 52.5° | 10.1   |
| 55°   | 9.3    |
| 57.5° | 8.5    |
| 60°   | 7.8    |
| 62.5° | 7.0    |
| 65°   | 5.4    |
| 67.5° | 4.7    |
| 70°   | 4.7    |
| 72.5° | 3.9    |
| 75°   | 3.1    |
| 77.5° | 2.3    |
| 80°   | 2.3    |
| 82.5° | 1.6    |
| 85°   | 0.8    |
| 87.5° | 0.8    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)