

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: P1299203

Luminaire Tested: P3AS17R15W2N902750DE010 E3DLD1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299203
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R15W2N902750DE010 E3DLD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

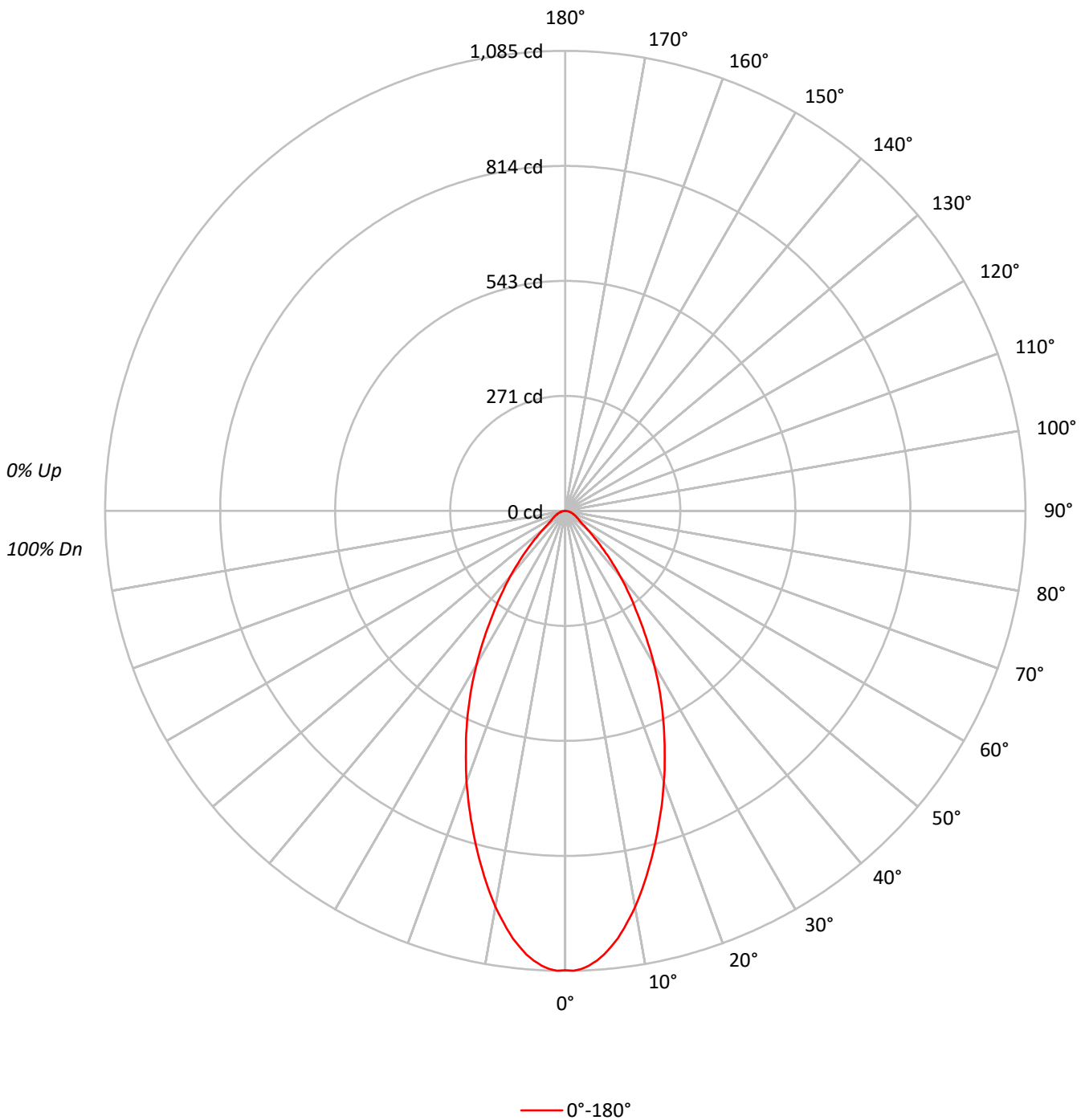
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 942.0 lumens
Efficiency: N/A
Efficacy: 48.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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

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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 | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 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 | 102 | 102 | 102 | 100 | | | 100 |
| 1 | 113 | 109 | 106 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 95 | 93 | 91 | | | 91 |
| 2 | 106 | 100 | 96 | 92 | 104 | 99 | 95 | 91 | 95 | 92 | 89 | 92 | 90 | 87 | 90 | 87 | 85 | 83 | | | 83 |
| 3 | 100 | 93 | 87 | 83 | 98 | 91 | 86 | 82 | 89 | 84 | 81 | 86 | 82 | 79 | 84 | 81 | 78 | 76 | | | 76 |
| 4 | 94 | 86 | 80 | 75 | 92 | 85 | 79 | 74 | 82 | 77 | 73 | 80 | 76 | 73 | 78 | 75 | 72 | 70 | | | 70 |
| 5 | 89 | 80 | 73 | 68 | 87 | 79 | 73 | 68 | 77 | 72 | 67 | 75 | 71 | 67 | 74 | 69 | 66 | 65 | | | 65 |
| 6 | 84 | 74 | 68 | 63 | 83 | 73 | 67 | 63 | 72 | 66 | 62 | 70 | 66 | 62 | 69 | 65 | 61 | 60 | | | 60 |
| 7 | 80 | 69 | 63 | 58 | 78 | 69 | 63 | 58 | 67 | 62 | 58 | 66 | 61 | 57 | 65 | 61 | 57 | 56 | | | 56 |
| 8 | 76 | 65 | 59 | 54 | 74 | 65 | 58 | 54 | 63 | 58 | 54 | 62 | 57 | 54 | 61 | 57 | 53 | 52 | | | 52 |
| 9 | 72 | 61 | 55 | 51 | 71 | 61 | 55 | 51 | 60 | 54 | 50 | 59 | 54 | 50 | 58 | 53 | 50 | 49 | | | 49 |
| 10 | 68 | 58 | 52 | 48 | 67 | 57 | 51 | 47 | 57 | 51 | 47 | 56 | 51 | 47 | 55 | 50 | 47 | 46 | | | 46 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 237613 |
| 5° | 231168 |
| 10° | 211241 |
| 15° | 185041 |
| 20° | 158727 |
| 25° | 132540 |
| 30° | 106067 |
| 35° | 79531 |
| 40° | 57737 |
| 45° | 37740 |
| 50° | 23607 |
| 55° | 15980 |
| 60° | 14122 |
| 65° | 13023 |
| 70° | 12246 |
| 75° | 11099 |
| 80° | 10607 |
| 85° | 9057 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 37740 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 96.9 | 10.3 |
| 10°-20° | 227.1 | 24.1 |
| 20°-30° | 250.2 | 26.6 |
| 30°-40° | 187.4 | 19.9 |
| 40°-50° | 97.1 | 10.3 |
| 50°-60° | 40.3 | 4.3 |
| 60°-70° | 24.9 | 2.6 |
| 70°-80° | 14.0 | 1.5 |
| 80°-90° | 4.1 | 0.4 |
| 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 |
| 0°-30° | 574.2 | 61.0 |
| 0°-40° | 761.6 | 80.8 |
| 0°-60° | 899.0 | 95.4 |
| 0°-90° | 942.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 942.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1084 | |
| 5° | 1050 | 97 |
| 15° | 815 | 227 |
| 25° | 548 | 250 |
| 35° | 297 | 187 |
| 45° | 122 | 97 |
| 55° | 42 | 40 |
| 65° | 25 | 25 |
| 75° | 13 | 14 |
| 85° | 4 | 4 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1083.6 |
| 1° | 1084.8 |
| 2° | 1081.2 |
| 3° | 1074.0 |
| 4° | 1063.3 |
| 5° | 1050.2 |
| 6° | 1033.5 |
| 7° | 1015.6 |
| 8° | 994.1 |
| 9° | 971.4 |
| 10° | 948.7 |
| 12.5° | 883.1 |
| 15° | 815.1 |
| 17.5° | 747.0 |
| 20° | 680.2 |
| 22.5° | 612.2 |
| 25° | 547.8 |
| 27.5° | 483.3 |
| 30° | 418.9 |
| 32.5° | 355.6 |
| 35° | 297.1 |
| 37.5° | 247.0 |
| 40° | 201.7 |
| 42.5° | 159.9 |
| 45° | 121.7 |
| 47.5° | 91.9 |
| 50° | 69.2 |
| 52.5° | 51.3 |
| 55° | 41.8 |
| 57.5° | 37.0 |
| 60° | 32.2 |
| 62.5° | 28.6 |
| 65° | 25.1 |
| 67.5° | 21.5 |
| 70° | 19.1 |
| 72.5° | 15.5 |
| 75° | 13.1 |
| 77.5° | 10.7 |
| 80° | 8.4 |
| 82.5° | 6.0 |
| 85° | 3.6 |
| 87.5° | 1.2 |
| 90° | 0.0 |

(END OF REPORT)