

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: P1301156

Luminaire Tested: P3AS17R45W2N902750DE010 E3DLD1WH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301156
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R45W2N902750DE010 E3DLD1WH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 2700K CCT AND, 90CRI ,
E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

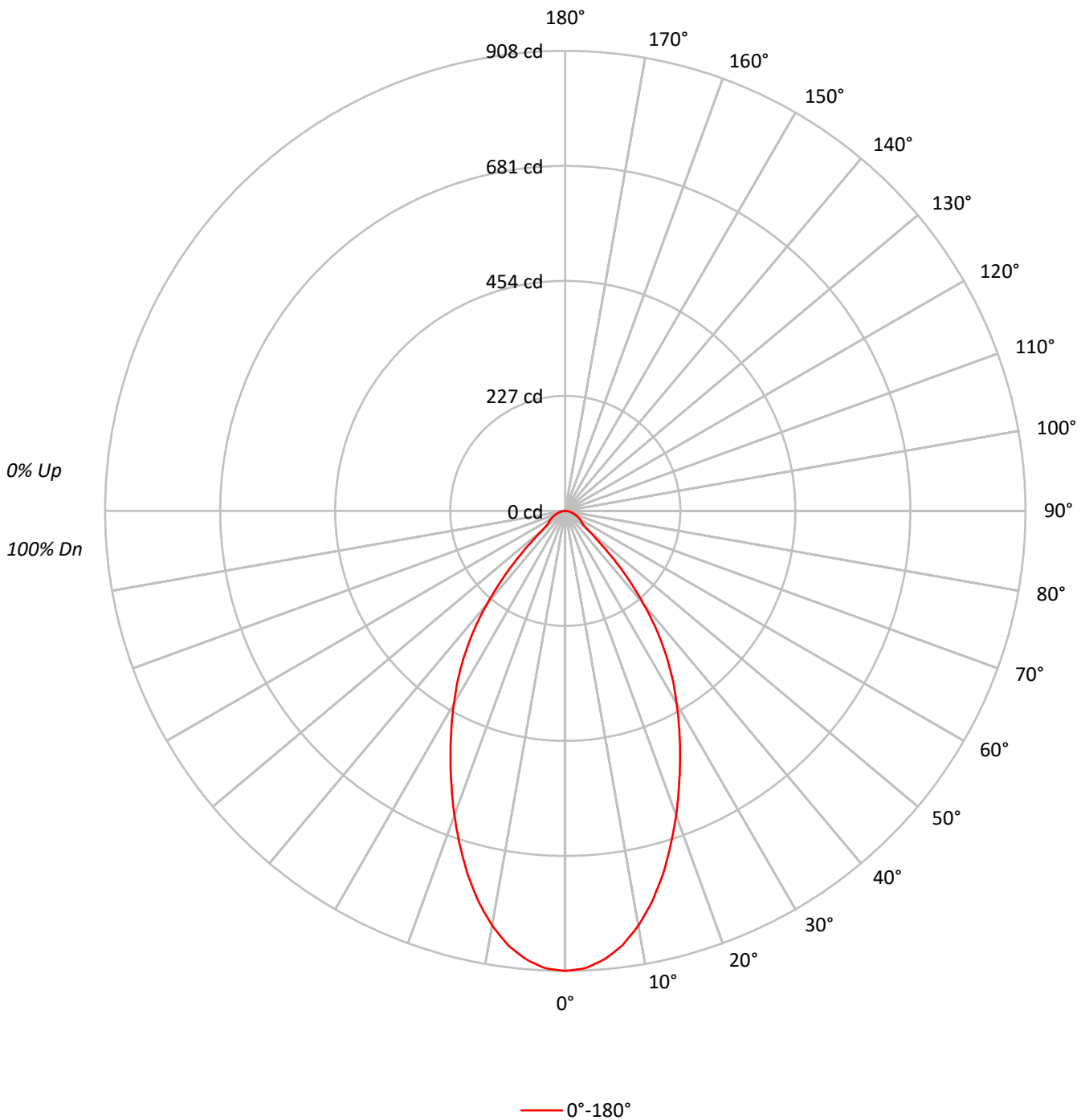
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 939.0 lumens
Efficiency: N/A
Efficacy: 48.4 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
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 | 112 | 109 | 106 | 104 | 110 | 107 | 104 | 102 | 103 | 101 | 99 | 99 | 97 | 96 | 96 | 94 | 93 | 91 | | | 91 |
| 2 | 106 | 100 | 95 | 91 | 103 | 98 | 94 | 90 | 95 | 91 | 88 | 92 | 89 | 86 | 89 | 87 | 85 | 83 | | | 83 |
| 3 | 99 | 92 | 86 | 82 | 97 | 90 | 85 | 81 | 88 | 83 | 80 | 85 | 81 | 78 | 83 | 80 | 77 | 75 | | | 75 |
| 4 | 94 | 85 | 78 | 74 | 92 | 84 | 78 | 73 | 81 | 76 | 72 | 79 | 75 | 71 | 77 | 74 | 71 | 69 | | | 69 |
| 5 | 88 | 79 | 72 | 67 | 86 | 78 | 71 | 67 | 76 | 70 | 66 | 74 | 69 | 65 | 72 | 68 | 65 | 63 | | | 63 |
| 6 | 83 | 73 | 66 | 61 | 81 | 72 | 66 | 61 | 71 | 65 | 61 | 69 | 64 | 60 | 68 | 63 | 60 | 58 | | | 58 |
| 7 | 78 | 68 | 61 | 57 | 77 | 67 | 61 | 56 | 66 | 60 | 56 | 65 | 60 | 56 | 64 | 59 | 55 | 54 | | | 54 |
| 8 | 74 | 64 | 57 | 52 | 73 | 63 | 57 | 52 | 62 | 56 | 52 | 61 | 56 | 52 | 60 | 55 | 52 | 50 | | | 50 |
| 9 | 70 | 60 | 53 | 49 | 69 | 59 | 53 | 49 | 58 | 52 | 48 | 57 | 52 | 48 | 56 | 52 | 48 | 47 | | | 47 |
| 10 | 67 | 56 | 50 | 45 | 66 | 56 | 49 | 45 | 55 | 49 | 45 | 54 | 49 | 45 | 53 | 48 | 45 | 44 | | | 44 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 199085 |
| 5° | 195553 |
| 10° | 185056 |
| 15° | 168764 |
| 20° | 149230 |
| 25° | 129612 |
| 30° | 111258 |
| 35° | 92702 |
| 40° | 69072 |
| 45° | 42299 |
| 50° | 19581 |
| 55° | 15292 |
| 60° | 14692 |
| 65° | 13490 |
| 70° | 12502 |
| 75° | 11946 |
| 80° | 10986 |
| 85° | 8051 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 42299 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 83.0 | 8.8 |
| 10°-20° | 207.0 | 22.0 |
| 20°-30° | 245.9 | 26.2 |
| 30°-40° | 213.7 | 22.8 |
| 40°-50° | 107.2 | 11.4 |
| 50°-60° | 37.2 | 4.0 |
| 60°-70° | 26.1 | 2.8 |
| 70°-80° | 14.6 | 1.6 |
| 80°-90° | 4.4 | 0.5 |
| 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° | 535.9 | 57.1 |
| 0°-40° | 749.6 | 79.8 |
| 0°-60° | 894.0 | 95.2 |
| 0°-90° | 939.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 939.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 908 | |
| 5° | 888 | 83 |
| 15° | 743 | 207 |
| 25° | 536 | 246 |
| 35° | 346 | 214 |
| 45° | 136 | 107 |
| 55° | 40 | 37 |
| 65° | 26 | 26 |
| 75° | 14 | 15 |
| 85° | 3 | 4 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 907.9 |
| 2.5° | 903.6 |
| 5° | 888.4 |
| 7.5° | 864.6 |
| 10° | 831.1 |
| 12.5° | 790.0 |
| 15° | 743.4 |
| 17.5° | 691.5 |
| 20° | 639.5 |
| 22.5° | 586.5 |
| 25° | 535.7 |
| 27.5° | 487.0 |
| 30° | 439.4 |
| 32.5° | 393.9 |
| 35° | 346.3 |
| 37.5° | 295.4 |
| 40° | 241.3 |
| 42.5° | 188.3 |
| 45° | 136.4 |
| 47.5° | 89.8 |
| 50° | 57.4 |
| 52.5° | 44.4 |
| 55° | 40.0 |
| 57.5° | 36.8 |
| 60° | 33.5 |
| 62.5° | 30.3 |
| 65° | 26.0 |
| 67.5° | 22.7 |
| 70° | 19.5 |
| 72.5° | 16.2 |
| 75° | 14.1 |
| 77.5° | 10.8 |
| 80° | 8.7 |
| 82.5° | 6.5 |
| 85° | 3.2 |
| 87.5° | 2.2 |
| 90° | 0.0 |

(END OF REPORT)