

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: P1301806

Luminaire Tested: P3AS17R55W2N902750DE010 E3DLP1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301806
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R55W2N902750DE010 E3DLP1WMH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

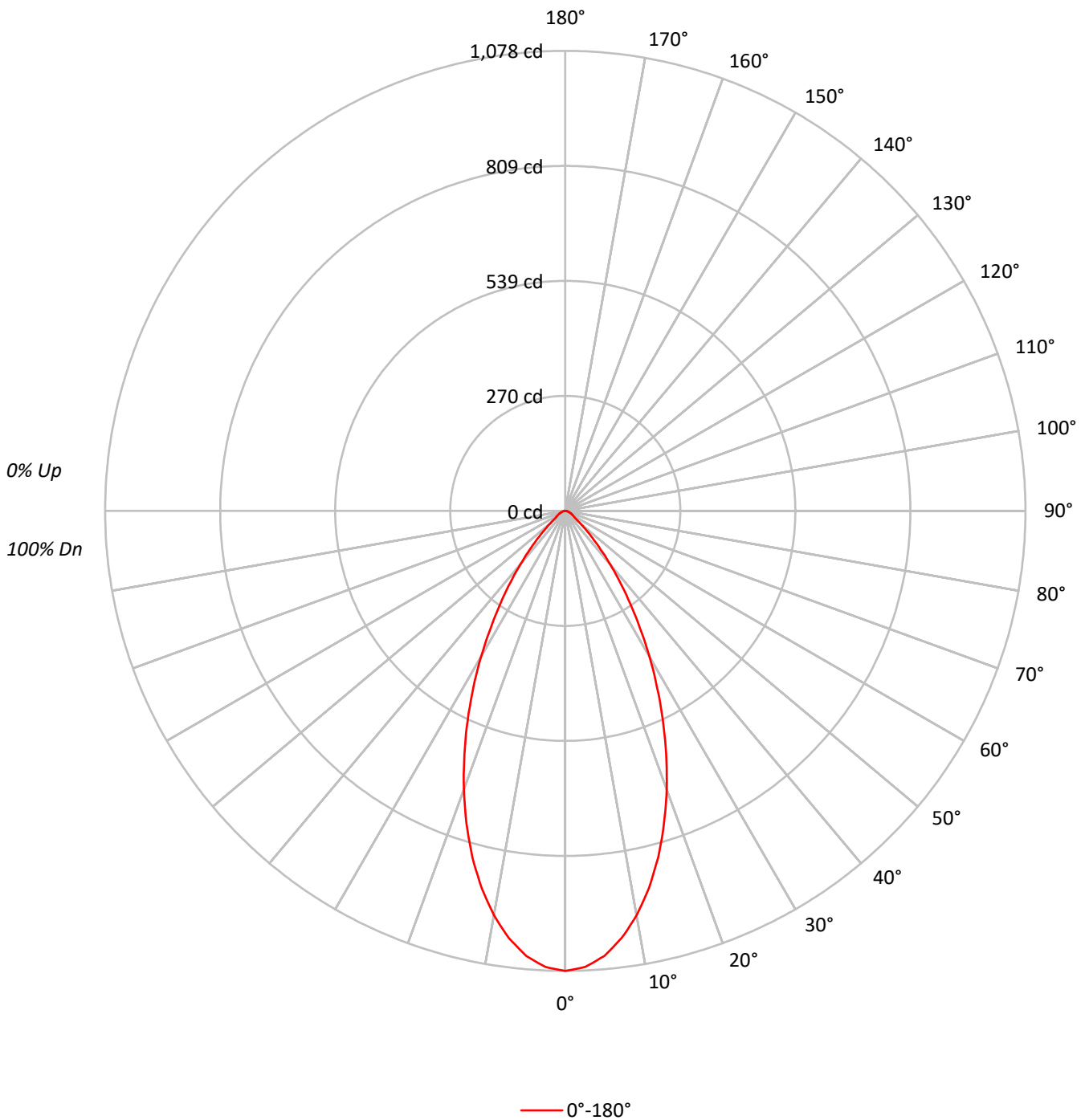
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 869.0 lumens
Efficiency: N/A
Efficacy: 44.8 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
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 | | | | 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 | 110 | 107 | 105 | 110 | 108 | 105 | 103 | 104 | 102 | 100 | 100 | 98 | 97 | 97 | 95 | 94 | 92 | | | | 92 |
| 2 | 107 | 102 | 97 | 94 | 105 | 100 | 96 | 93 | 97 | 93 | 91 | 94 | 91 | 89 | 91 | 89 | 87 | 85 | | | | 85 |
| 3 | 101 | 94 | 89 | 85 | 99 | 93 | 88 | 84 | 90 | 86 | 83 | 88 | 84 | 81 | 85 | 83 | 80 | 79 | | | | 79 |
| 4 | 96 | 88 | 82 | 77 | 94 | 87 | 81 | 77 | 84 | 80 | 76 | 82 | 78 | 75 | 80 | 77 | 74 | 73 | | | | 73 |
| 5 | 91 | 82 | 76 | 71 | 89 | 81 | 75 | 71 | 79 | 74 | 70 | 77 | 73 | 70 | 76 | 72 | 69 | 67 | | | | 67 |
| 6 | 86 | 77 | 70 | 66 | 84 | 76 | 70 | 66 | 74 | 69 | 65 | 73 | 68 | 65 | 72 | 68 | 64 | 63 | | | | 63 |
| 7 | 82 | 72 | 66 | 61 | 80 | 71 | 65 | 61 | 70 | 65 | 61 | 69 | 64 | 60 | 68 | 63 | 60 | 59 | | | | 59 |
| 8 | 78 | 68 | 62 | 57 | 76 | 67 | 61 | 57 | 66 | 61 | 57 | 65 | 60 | 57 | 64 | 60 | 56 | 55 | | | | 55 |
| 9 | 74 | 64 | 58 | 54 | 73 | 63 | 58 | 54 | 62 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 52 | | | | 52 |
| 10 | 70 | 60 | 55 | 51 | 69 | 60 | 54 | 50 | 59 | 54 | 50 | 58 | 54 | 50 | 58 | 53 | 50 | 49 | | | | 49 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 236385 |
| 5° | 230464 |
| 10° | 214247 |
| 15° | 190807 |
| 20° | 162134 |
| 25° | 130846 |
| 30° | 99762 |
| 35° | 70938 |
| 40° | 46831 |
| 45° | 27755 |
| 50° | 16307 |
| 55° | 10055 |
| 60° | 8903 |
| 65° | 8042 |
| 70° | 6860 |
| 75° | 6100 |
| 80° | 6061 |
| 85° | 6038 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 27755 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 97.2 | 11.2 |
| 10°-20° | 233.0 | 26.8 |
| 20°-30° | 246.8 | 28.4 |
| 30°-40° | 166.8 | 19.2 |
| 40°-50° | 73.1 | 8.4 |
| 50°-60° | 26.2 | 3.0 |
| 60°-70° | 15.3 | 1.8 |
| 70°-80° | 8.1 | 0.9 |
| 80°-90° | 2.6 | 0.3 |
| 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° | 577.0 | 66.4 |
| 0°-40° | 743.8 | 85.6 |
| 0°-60° | 843.0 | 97.0 |
| 0°-90° | 869.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 869.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1078 | |
| 5° | 1047 | 97 |
| 15° | 840 | 233 |
| 25° | 541 | 247 |
| 35° | 265 | 167 |
| 45° | 90 | 73 |
| 55° | 26 | 26 |
| 65° | 16 | 15 |
| 75° | 7 | 8 |
| 85° | 2 | 3 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1078.0 |
| 2.5° | 1069.7 |
| 5° | 1047.0 |
| 7.5° | 1010.0 |
| 10° | 962.2 |
| 12.5° | 904.9 |
| 15° | 840.5 |
| 17.5° | 768.8 |
| 20° | 694.8 |
| 22.5° | 617.2 |
| 25° | 540.8 |
| 27.5° | 465.6 |
| 30° | 394.0 |
| 32.5° | 325.9 |
| 35° | 265.0 |
| 37.5° | 210.1 |
| 40° | 163.6 |
| 42.5° | 123.0 |
| 45° | 89.5 |
| 47.5° | 65.7 |
| 50° | 47.8 |
| 52.5° | 33.4 |
| 55° | 26.3 |
| 57.5° | 23.9 |
| 60° | 20.3 |
| 62.5° | 17.9 |
| 65° | 15.5 |
| 67.5° | 13.1 |
| 70° | 10.7 |
| 72.5° | 9.6 |
| 75° | 7.2 |
| 77.5° | 6.0 |
| 80° | 4.8 |
| 82.5° | 3.6 |
| 85° | 2.4 |
| 87.5° | 1.2 |
| 90° | 0.0 |

(END OF REPORT)