

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: P1290381

Luminaire Tested: P3AS05R55W2N902750DE010 E3DLD1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290381
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R55W2N902750DE010 E3DLD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

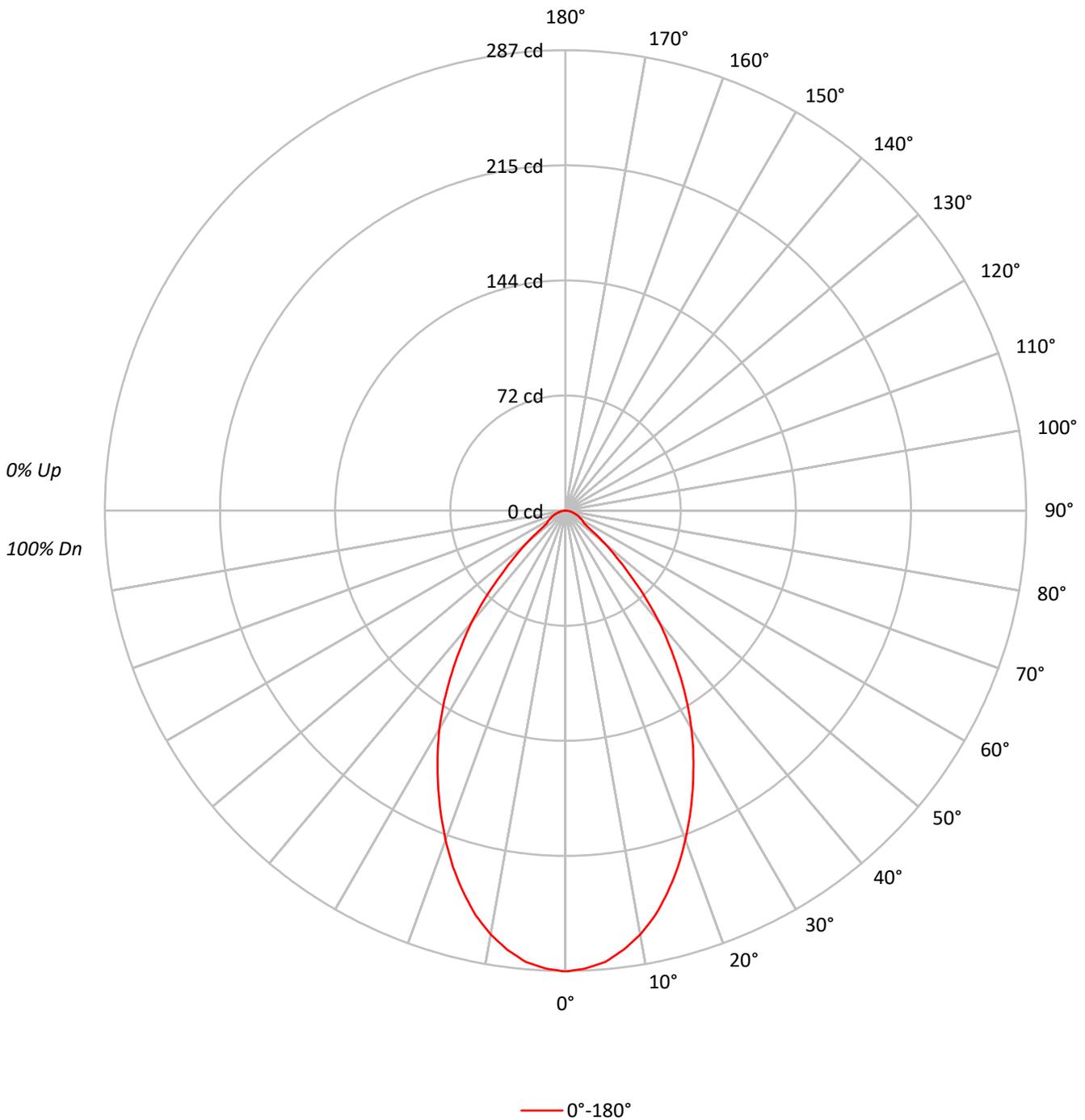
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 335.0 lumens
Efficiency: N/A
Efficacy: 56.8 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 112 | 109 | 106 | 103 | 110 | 107 | 104 | 102 | 103 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 93 | 91 |
| 2 | 105 | 100 | 95 | 91 | 103 | 98 | 93 | 90 | 94 | 91 | 88 | 91 | 88 | 86 | 89 | 86 | 84 | 82 |
| 3 | 99 | 91 | 85 | 81 | 97 | 90 | 84 | 80 | 87 | 82 | 79 | 85 | 81 | 77 | 82 | 79 | 76 | 74 |
| 4 | 93 | 84 | 77 | 72 | 91 | 83 | 77 | 72 | 80 | 75 | 71 | 78 | 74 | 70 | 76 | 73 | 69 | 68 |
| 5 | 87 | 77 | 71 | 66 | 85 | 76 | 70 | 65 | 75 | 69 | 65 | 73 | 68 | 64 | 71 | 67 | 64 | 62 |
| 6 | 82 | 72 | 65 | 60 | 80 | 71 | 64 | 60 | 69 | 64 | 59 | 68 | 63 | 59 | 66 | 62 | 58 | 57 |
| 7 | 77 | 67 | 60 | 55 | 76 | 66 | 59 | 55 | 65 | 59 | 54 | 63 | 58 | 54 | 62 | 57 | 54 | 52 |
| 8 | 73 | 62 | 55 | 51 | 72 | 62 | 55 | 51 | 60 | 54 | 50 | 59 | 54 | 50 | 58 | 53 | 50 | 48 |
| 9 | 69 | 58 | 51 | 47 | 68 | 58 | 51 | 47 | 57 | 51 | 47 | 56 | 50 | 46 | 55 | 50 | 46 | 45 |
| 10 | 65 | 55 | 48 | 44 | 64 | 54 | 48 | 44 | 53 | 47 | 43 | 52 | 47 | 43 | 52 | 47 | 43 | 42 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 62999 |
| 5° | 62183 |
| 10° | 59741 |
| 15° | 55869 |
| 20° | 50964 |
| 25° | 45462 |
| 30° | 39778 |
| 35° | 33033 |
| 40° | 26049 |
| 45° | 17676 |
| 50° | 10814 |
| 55° | 5582 |
| 60° | 5219 |
| 65° | 4929 |
| 70° | 4552 |
| 75° | 3982 |
| 80° | 4041 |
| 85° | 3019 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17676 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 26.5 | 7.9 |
| 10°-20° | 68.8 | 20.5 |
| 20°-30° | 86.1 | 25.7 |
| 30°-40° | 76.9 | 22.9 |
| 40°-50° | 45.0 | 13.4 |
| 50°-60° | 15.6 | 4.6 |
| 60°-70° | 9.4 | 2.8 |
| 70°-80° | 5.2 | 1.6 |
| 80°-90° | 1.5 | 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° | 181.4 | 54.1 |
| 0°-40° | 258.3 | 77.1 |
| 0°-60° | 318.9 | 95.2 |
| 0°-90° | 335.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 335.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 287 | |
| 5° | 282 | 26 |
| 15° | 246 | 69 |
| 25° | 188 | 86 |
| 35° | 123 | 77 |
| 45° | 57 | 45 |
| 55° | 15 | 16 |
| 65° | 10 | 9 |
| 75° | 5 | 5 |
| 85° | 1 | 2 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 287.3 |
| 2.5° | 285.7 |
| 5° | 282.5 |
| 7.5° | 276.2 |
| 10° | 268.3 |
| 12.5° | 258.4 |
| 15° | 246.1 |
| 17.5° | 233.0 |
| 20° | 218.4 |
| 22.5° | 203.4 |
| 25° | 187.9 |
| 27.5° | 172.5 |
| 30° | 157.1 |
| 32.5° | 140.5 |
| 35° | 123.4 |
| 37.5° | 106.8 |
| 40° | 91.0 |
| 42.5° | 74.0 |
| 45° | 57.0 |
| 47.5° | 43.5 |
| 50° | 31.7 |
| 52.5° | 20.6 |
| 55° | 14.6 |
| 57.5° | 13.1 |
| 60° | 11.9 |
| 62.5° | 10.7 |
| 65° | 9.5 |
| 67.5° | 8.3 |
| 70° | 7.1 |
| 72.5° | 5.9 |
| 75° | 4.7 |
| 77.5° | 4.0 |
| 80° | 3.2 |
| 82.5° | 2.0 |
| 85° | 1.2 |
| 87.5° | 0.8 |
| 90° | 0.0 |

(END OF REPORT)