

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: P1291446

Luminaire Tested: P3AS05R70W2N902765DE010 E3DL1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291446
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R70W2N902765DE010 E3DL1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 2700K CCT AND, 90CRI ,
E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

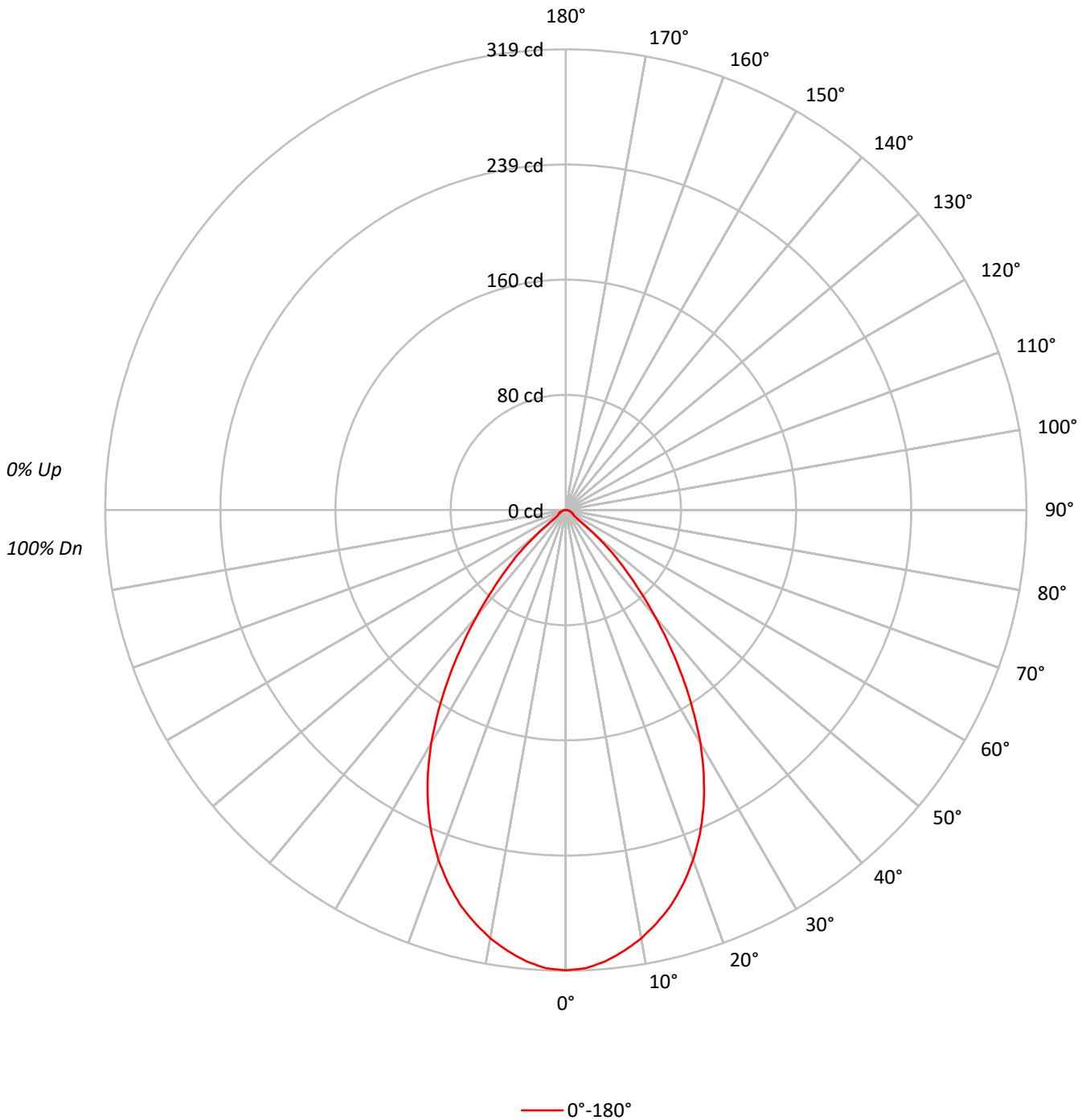
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 361.1 lumens
Efficiency: N/A
Efficacy: 61.2 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
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 | 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 | 100 | 100 |
| 1 | 113 | 110 | 107 | 104 | 110 | 107 | 105 | 103 | 103 | 101 | 100 | 100 | 98 | 97 | 96 | 95 | 94 | 92 | 92 | 92 | 92 |
| 2 | 106 | 101 | 96 | 93 | 104 | 99 | 95 | 92 | 96 | 92 | 90 | 93 | 90 | 88 | 90 | 88 | 86 | 84 | 84 | 84 | 84 |
| 3 | 100 | 93 | 88 | 83 | 98 | 92 | 87 | 82 | 89 | 85 | 81 | 86 | 83 | 80 | 84 | 81 | 79 | 77 | 77 | 77 | 77 |
| 4 | 94 | 86 | 80 | 75 | 93 | 85 | 79 | 75 | 83 | 78 | 74 | 81 | 76 | 73 | 79 | 75 | 72 | 70 | 70 | 70 | 70 |
| 5 | 89 | 80 | 73 | 69 | 87 | 79 | 73 | 68 | 77 | 72 | 68 | 75 | 71 | 67 | 74 | 70 | 66 | 65 | 65 | 65 | 65 |
| 6 | 84 | 74 | 68 | 63 | 82 | 73 | 67 | 63 | 72 | 66 | 62 | 70 | 65 | 62 | 69 | 65 | 61 | 60 | 60 | 60 | 60 |
| 7 | 79 | 69 | 62 | 58 | 78 | 68 | 62 | 58 | 67 | 61 | 57 | 66 | 61 | 57 | 65 | 60 | 57 | 55 | 55 | 55 | 55 |
| 8 | 75 | 65 | 58 | 53 | 74 | 64 | 58 | 53 | 63 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 51 | 51 | 51 | 51 |
| 9 | 71 | 60 | 54 | 50 | 70 | 60 | 54 | 50 | 59 | 53 | 49 | 58 | 53 | 49 | 57 | 52 | 49 | 48 | 48 | 48 | 48 |
| 10 | 67 | 57 | 50 | 46 | 66 | 56 | 50 | 46 | 55 | 50 | 46 | 55 | 49 | 46 | 54 | 49 | 46 | 44 | 44 | 44 | 44 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 69885 |
| 5° | 69051 |
| 10° | 67044 |
| 15° | 64223 |
| 20° | 60159 |
| 25° | 54656 |
| 30° | 47197 |
| 35° | 37611 |
| 40° | 27394 |
| 45° | 18017 |
| 50° | 8426 |
| 55° | 2600 |
| 60° | 2500 |
| 65° | 2439 |
| 70° | 2308 |
| 75° | 2457 |
| 80° | 2273 |
| 85° | 1761 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18017 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 29.5 | 8.2 |
| 10°-20° | 79.2 | 21.9 |
| 20°-30° | 102.9 | 28.5 |
| 30°-40° | 87.3 | 24.2 |
| 40°-50° | 45.0 | 12.5 |
| 50°-60° | 8.7 | 2.4 |
| 60°-70° | 4.7 | 1.3 |
| 70°-80° | 2.9 | 0.8 |
| 80°-90° | 0.8 | 0.2 |
| 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° | 211.6 | 58.6 |
| 0°-40° | 298.9 | 82.8 |
| 0°-60° | 352.6 | 97.7 |
| 0°-90° | 361.1 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 361.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 319 | |
| 5° | 314 | 30 |
| 15° | 283 | 79 |
| 25° | 226 | 103 |
| 35° | 140 | 87 |
| 45° | 58 | 45 |
| 55° | 7 | 9 |
| 65° | 5 | 5 |
| 75° | 3 | 3 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 318.7 |
| 2.5° | 317.6 |
| 5° | 313.7 |
| 7.5° | 308.0 |
| 10° | 301.1 |
| 12.5° | 292.5 |
| 15° | 282.9 |
| 17.5° | 271.0 |
| 20° | 257.8 |
| 22.5° | 242.7 |
| 25° | 225.9 |
| 27.5° | 206.9 |
| 30° | 186.4 |
| 32.5° | 163.8 |
| 35° | 140.5 |
| 37.5° | 117.6 |
| 40° | 95.7 |
| 42.5° | 75.3 |
| 45° | 58.1 |
| 47.5° | 42.7 |
| 50° | 24.7 |
| 52.5° | 10.8 |
| 55° | 6.8 |
| 57.5° | 6.5 |
| 60° | 5.7 |
| 62.5° | 5.4 |
| 65° | 4.7 |
| 67.5° | 4.3 |
| 70° | 3.6 |
| 72.5° | 3.2 |
| 75° | 2.9 |
| 77.5° | 2.2 |
| 80° | 1.8 |
| 82.5° | 1.1 |
| 85° | 0.7 |
| 87.5° | 0.4 |
| 90° | 0.0 |

(END OF REPORT)