

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: P1270200

Luminaire Tested: P3AS17R359740DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270200
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359740DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

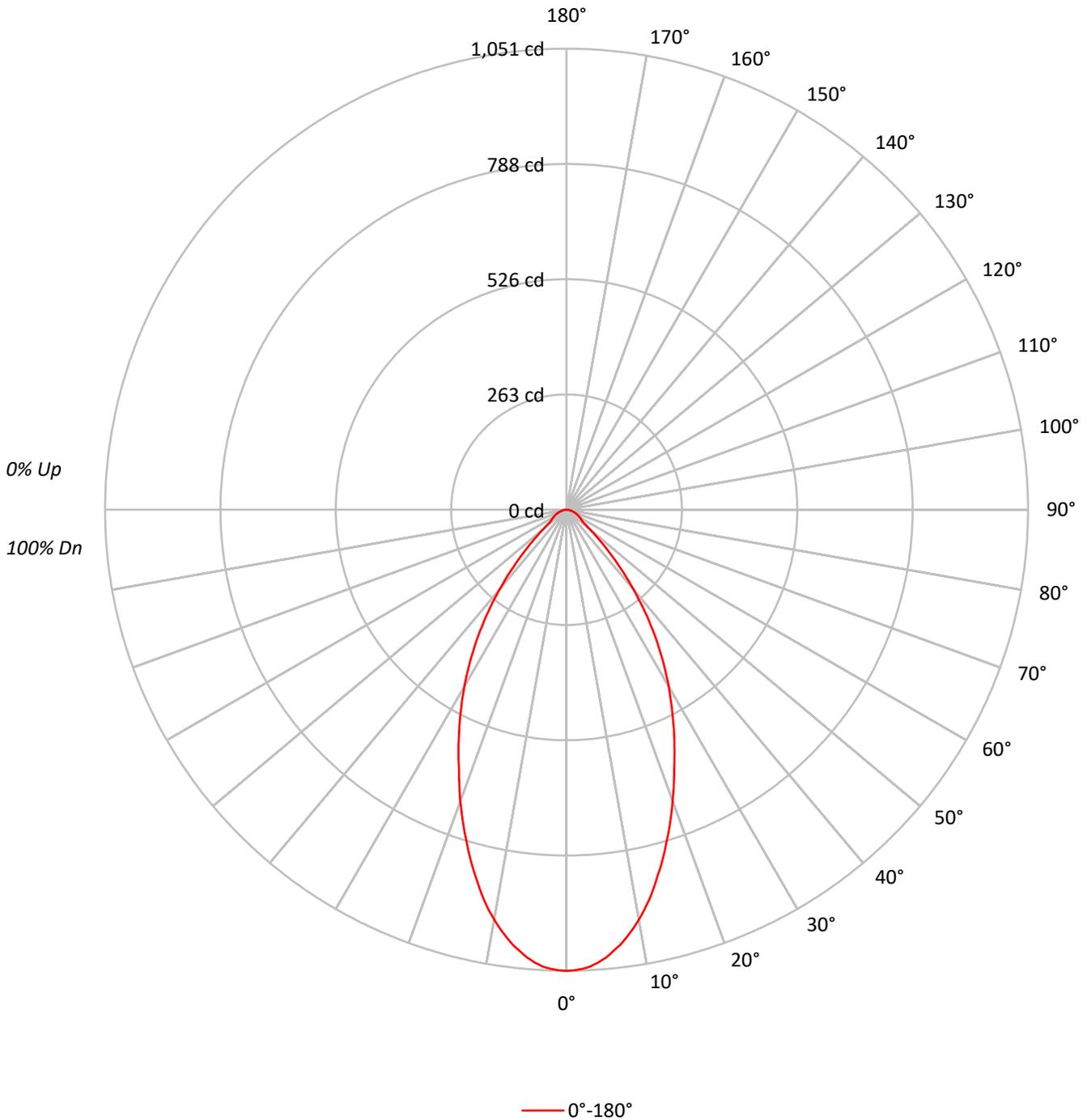
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1009.0 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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 | 98 | 96 | 96 | 94 | 93 | 91 | | | 91 |
| 2 | 106 | 100 | 96 | 92 | 104 | 98 | 94 | 91 | 95 | 92 | 89 | 92 | 89 | 87 | 89 | 87 | 85 | 83 | | | 83 |
| 3 | 100 | 92 | 87 | 82 | 98 | 91 | 86 | 81 | 88 | 84 | 80 | 86 | 82 | 79 | 83 | 80 | 78 | 76 | | | 76 |
| 4 | 94 | 85 | 79 | 74 | 92 | 84 | 78 | 74 | 82 | 77 | 73 | 80 | 75 | 72 | 78 | 74 | 71 | 69 | | | 69 |
| 5 | 89 | 79 | 73 | 68 | 87 | 78 | 72 | 67 | 76 | 71 | 67 | 75 | 70 | 66 | 73 | 69 | 66 | 64 | | | 64 |
| 6 | 84 | 74 | 67 | 62 | 82 | 73 | 67 | 62 | 71 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 61 | 59 | | | 59 |
| 7 | 79 | 69 | 62 | 57 | 78 | 68 | 62 | 57 | 67 | 61 | 57 | 65 | 60 | 57 | 64 | 60 | 56 | 55 | | | 55 |
| 8 | 75 | 64 | 58 | 53 | 74 | 64 | 57 | 53 | 63 | 57 | 53 | 62 | 56 | 53 | 61 | 56 | 52 | 51 | | | 51 |
| 9 | 71 | 60 | 54 | 50 | 70 | 60 | 54 | 50 | 59 | 53 | 49 | 58 | 53 | 49 | 57 | 52 | 49 | 48 | | | 48 |
| 10 | 67 | 57 | 51 | 46 | 66 | 56 | 50 | 46 | 56 | 50 | 46 | 55 | 50 | 46 | 54 | 49 | 46 | 45 | | | 45 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 230486 |
| 5° | 225599 |
| 10° | 211285 |
| 15° | 189649 |
| 20° | 164981 |
| 25° | 140573 |
| 30° | 117765 |
| 35° | 93799 |
| 40° | 67813 |
| 45° | 42919 |
| 50° | 23402 |
| 55° | 16210 |
| 60° | 15306 |
| 65° | 14217 |
| 70° | 13592 |
| 75° | 11607 |
| 80° | 10986 |
| 85° | 9309 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 42919 cd/sqm

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 95.4 | 9.5 |
| 10°-20° | 232.5 | 23.0 |
| 20°-30° | 266.4 | 26.4 |
| 30°-40° | 217.4 | 21.5 |
| 40°-50° | 109.6 | 10.9 |
| 50°-60° | 40.7 | 4.0 |
| 60°-70° | 27.3 | 2.7 |
| 70°-80° | 15.1 | 1.5 |
| 80°-90° | 4.6 | 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° | 594.3 | 58.9 |
| 0°-40° | 811.7 | 80.4 |
| 0°-60° | 962.0 | 95.3 |
| 0°-90° | 1009.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1009.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1051 | |
| 5° | 1025 | 95 |
| 15° | 835 | 232 |
| 25° | 581 | 266 |
| 35° | 350 | 217 |
| 45° | 138 | 110 |
| 55° | 42 | 41 |
| 65° | 27 | 27 |
| 75° | 14 | 15 |
| 85° | 4 | 5 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1051.1 |
| 1° | 1049.9 |
| 2° | 1047.4 |
| 3° | 1042.4 |
| 4° | 1034.9 |
| 5° | 1024.9 |
| 6° | 1012.4 |
| 7° | 1000.0 |
| 8° | 983.8 |
| 9° | 967.6 |
| 10° | 948.9 |
| 11° | 928.9 |
| 12° | 907.7 |
| 13° | 884.0 |
| 14° | 859.1 |
| 15° | 835.4 |
| 17.5° | 771.8 |
| 20° | 707.0 |
| 22.5° | 640.9 |
| 25° | 581.0 |
| 27.5° | 522.4 |
| 30° | 465.1 |
| 32.5° | 407.7 |
| 35° | 350.4 |
| 37.5° | 293.0 |
| 40° | 236.9 |
| 42.5° | 184.5 |
| 45° | 138.4 |
| 47.5° | 99.7 |
| 50° | 68.6 |
| 52.5° | 49.9 |
| 55° | 42.4 |
| 57.5° | 38.7 |
| 60° | 34.9 |
| 62.5° | 31.2 |
| 65° | 27.4 |
| 67.5° | 23.7 |
| 70° | 21.2 |
| 72.5° | 17.5 |
| 75° | 13.7 |
| 77.5° | 11.2 |
| 80° | 8.7 |
| 82.5° | 6.2 |
| 85° | 3.7 |
| 87.5° | 2.5 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)