

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: P1260506

Luminaire Tested: P3AS17R559050DE010 E3DLP1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260506
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559050DE010 E3DLP1WH
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DLP1WH TRIM
Light Source: -
Ballast/Driver: -

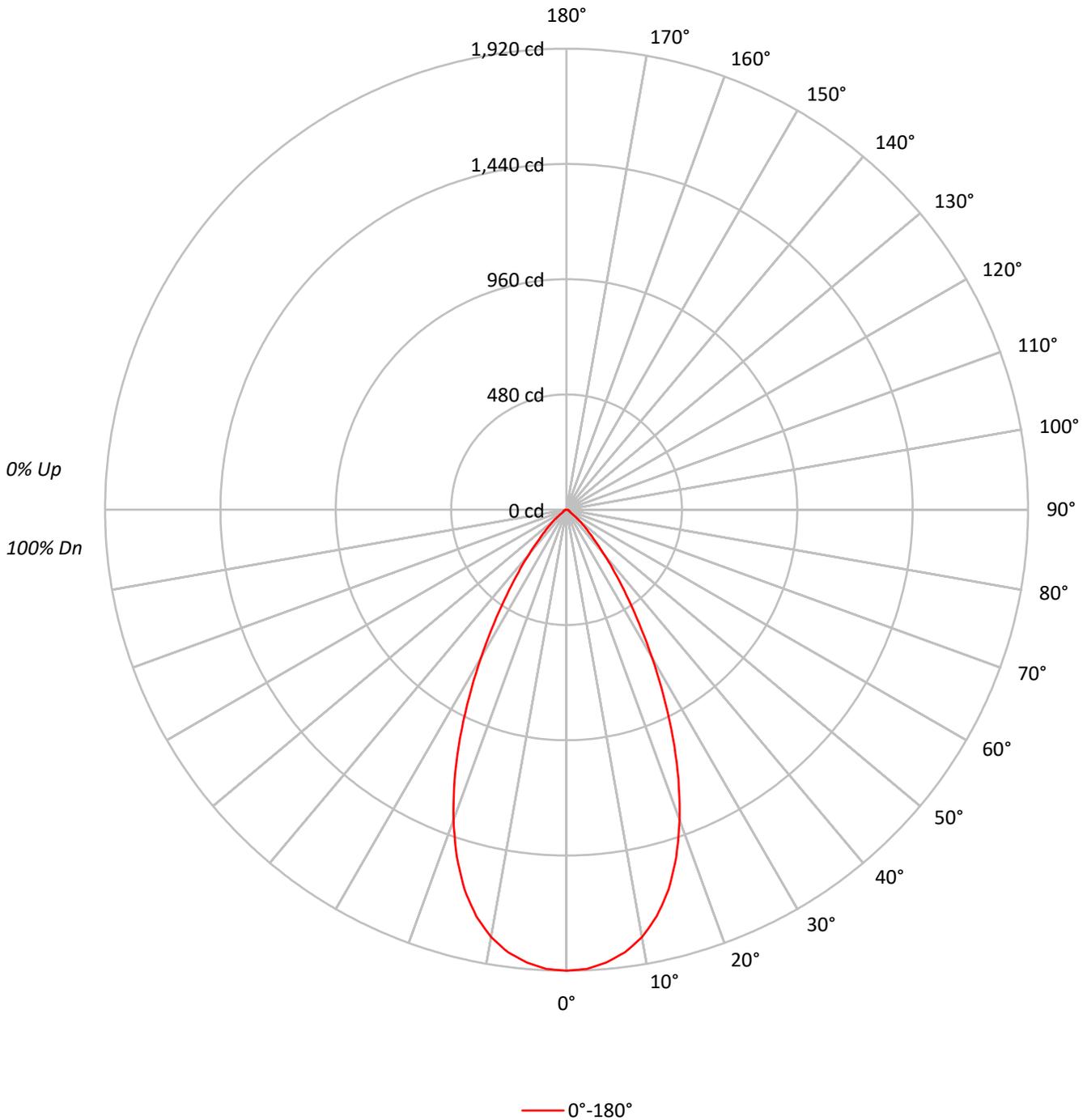
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1533.0 lumens
Efficiency: N/A
Efficacy: 72.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
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 | | | | 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 | 111 | 108 | 106 | 111 | 108 | 106 | 104 | 104 | 103 | 101 | 101 | 99 | 98 | 97 | 96 | 95 | 93 | | | | 93 |
| 2 | 108 | 103 | 99 | 95 | 106 | 101 | 97 | 94 | 98 | 95 | 92 | 95 | 92 | 90 | 92 | 90 | 88 | 87 | | | | 87 |
| 3 | 102 | 96 | 91 | 87 | 100 | 94 | 90 | 86 | 92 | 88 | 85 | 89 | 86 | 83 | 87 | 85 | 82 | 81 | | | | 81 |
| 4 | 97 | 90 | 84 | 80 | 95 | 89 | 83 | 79 | 86 | 82 | 78 | 84 | 81 | 78 | 82 | 79 | 77 | 75 | | | | 75 |
| 5 | 92 | 84 | 78 | 74 | 91 | 83 | 78 | 74 | 81 | 77 | 73 | 80 | 76 | 72 | 78 | 75 | 72 | 70 | | | | 70 |
| 6 | 88 | 79 | 73 | 69 | 86 | 78 | 73 | 68 | 77 | 72 | 68 | 75 | 71 | 68 | 74 | 70 | 67 | 66 | | | | 66 |
| 7 | 84 | 74 | 68 | 64 | 82 | 74 | 68 | 64 | 72 | 67 | 64 | 71 | 67 | 63 | 70 | 66 | 63 | 62 | | | | 62 |
| 8 | 80 | 70 | 64 | 60 | 78 | 70 | 64 | 60 | 69 | 63 | 60 | 67 | 63 | 60 | 67 | 62 | 59 | 58 | | | | 58 |
| 9 | 76 | 66 | 61 | 57 | 75 | 66 | 60 | 56 | 65 | 60 | 56 | 64 | 59 | 56 | 63 | 59 | 56 | 55 | | | | 55 |
| 10 | 73 | 63 | 57 | 53 | 72 | 62 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 60 | 56 | 53 | 52 | | | | 52 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 420953 |
| 5° | 416684 |
| 10° | 402397 |
| 15° | 371943 |
| 20° | 320955 |
| 25° | 253490 |
| 30° | 179825 |
| 35° | 115964 |
| 40° | 69645 |
| 45° | 39260 |
| 50° | 21117 |
| 55° | 7531 |
| 60° | 6798 |
| 65° | 6590 |
| 70° | 6283 |
| 75° | 5931 |
| 80° | 5304 |
| 85° | 3522 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 39260 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 178.0 | 11.6 |
| 10°-20° | 453.1 | 29.6 |
| 20°-30° | 474.8 | 31.0 |
| 30°-40° | 277.0 | 18.1 |
| 40°-50° | 103.7 | 6.8 |
| 50°-60° | 24.4 | 1.6 |
| 60°-70° | 12.6 | 0.8 |
| 70°-80° | 7.4 | 0.5 |
| 80°-90° | 2.1 | 0.1 |
| 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° | 1105.9 | 72.1 |
| 0°-40° | 1382.9 | 90.2 |
| 0°-60° | 1511.0 | 98.6 |
| 0°-90° | 1533.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1533.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1920 | |
| 5° | 1893 | 178 |
| 15° | 1638 | 453 |
| 25° | 1048 | 475 |
| 35° | 433 | 277 |
| 45° | 127 | 104 |
| 55° | 20 | 24 |
| 65° | 13 | 13 |
| 75° | 7 | 7 |
| 85° | 1 | 2 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1919.7 |
| 2.5° | 1914.1 |
| 5° | 1893.0 |
| 7.5° | 1859.2 |
| 10° | 1807.2 |
| 12.5° | 1734.0 |
| 15° | 1638.4 |
| 17.5° | 1517.5 |
| 20° | 1375.4 |
| 22.5° | 1216.5 |
| 25° | 1047.7 |
| 27.5° | 874.8 |
| 30° | 710.2 |
| 32.5° | 561.1 |
| 35° | 433.2 |
| 37.5° | 329.1 |
| 40° | 243.3 |
| 42.5° | 174.4 |
| 45° | 126.6 |
| 47.5° | 91.4 |
| 50° | 61.9 |
| 52.5° | 35.2 |
| 55° | 19.7 |
| 57.5° | 16.9 |
| 60° | 15.5 |
| 62.5° | 14.1 |
| 65° | 12.7 |
| 67.5° | 11.3 |
| 70° | 9.8 |
| 72.5° | 8.4 |
| 75° | 7.0 |
| 77.5° | 5.6 |
| 80° | 4.2 |
| 82.5° | 2.8 |
| 85° | 1.4 |
| 87.5° | 1.4 |
| 90° | 0.0 |

(END OF REPORT)