

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: P1291571

Luminaire Tested: P3AS09R15W2N902750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291571
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R15W2N902750DE010 E3DL1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

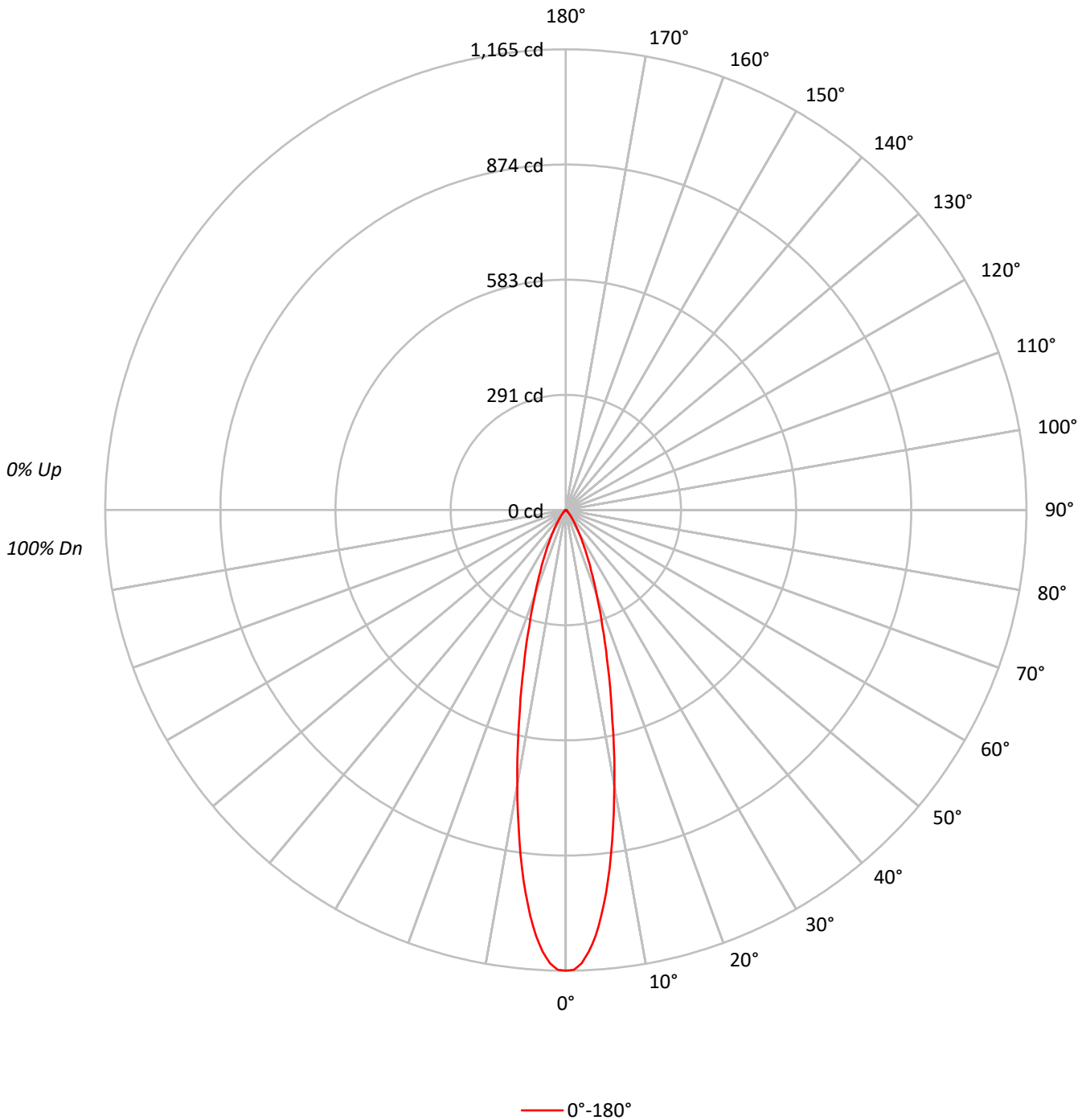
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 299.0 lumens
Efficiency: N/A
Efficacy: 33.2 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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 | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 95 |
| 2 | 110 | 106 | 103 | 100 | 108 | 104 | 101 | 99 | 101 | 99 | 97 | 98 | 96 | 95 | 96 | 94 | 93 | 91 |
| 3 | 106 | 101 | 97 | 93 | 104 | 99 | 96 | 93 | 97 | 94 | 91 | 94 | 92 | 90 | 92 | 90 | 88 | 87 |
| 4 | 102 | 96 | 92 | 88 | 100 | 95 | 91 | 88 | 93 | 89 | 87 | 91 | 88 | 86 | 89 | 87 | 85 | 83 |
| 5 | 98 | 92 | 87 | 84 | 97 | 91 | 87 | 83 | 89 | 85 | 83 | 88 | 84 | 82 | 86 | 83 | 81 | 80 |
| 6 | 95 | 88 | 83 | 80 | 94 | 87 | 83 | 80 | 86 | 82 | 79 | 85 | 81 | 79 | 83 | 80 | 78 | 77 |
| 7 | 92 | 85 | 80 | 77 | 91 | 84 | 80 | 76 | 83 | 79 | 76 | 82 | 78 | 76 | 81 | 78 | 75 | 74 |
| 8 | 89 | 81 | 77 | 74 | 88 | 81 | 77 | 73 | 80 | 76 | 73 | 79 | 75 | 73 | 78 | 75 | 73 | 72 |
| 9 | 86 | 79 | 74 | 71 | 85 | 78 | 74 | 71 | 77 | 73 | 71 | 77 | 73 | 70 | 76 | 73 | 70 | 69 |
| 10 | 84 | 76 | 71 | 68 | 83 | 76 | 71 | 68 | 75 | 71 | 68 | 74 | 71 | 68 | 74 | 70 | 68 | 67 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 255418 |
| 5° | 226722 |
| 10° | 157445 |
| 15° | 93122 |
| 20° | 53041 |
| 25° | 30316 |
| 30° | 16762 |
| 35° | 8941 |
| 40° | 4952 |
| 45° | 2667 |
| 50° | 1672 |
| 55° | 1338 |
| 60° | 1140 |
| 65° | 1038 |
| 70° | 898 |
| 75° | 1017 |
| 80° | 758 |
| 85° | 755 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2667 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 87.6 | 29.3 |
| 10°-20° | 115.6 | 38.7 |
| 20°-30° | 59.5 | 19.9 |
| 30°-40° | 22.4 | 7.5 |
| 40°-50° | 7.3 | 2.4 |
| 50°-60° | 3.2 | 1.1 |
| 60°-70° | 2.0 | 0.7 |
| 70°-80° | 1.2 | 0.4 |
| 80°-90° | 0.3 | 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° | 262.7 | 87.9 |
| 0°-40° | 285.1 | 95.3 |
| 0°-60° | 295.5 | 98.8 |
| 0°-90° | 299.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 299.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1165 | |
| 5° | 1030 | 88 |
| 15° | 410 | 116 |
| 25° | 125 | 60 |
| 35° | 33 | 22 |
| 45° | 9 | 7 |
| 55° | 4 | 3 |
| 65° | 2 | 2 |
| 75° | 1 | 1 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1164.8 |
| 1° | 1162.5 |
| 2° | 1147.3 |
| 3° | 1118.2 |
| 4° | 1079.9 |
| 5° | 1030.0 |
| 6° | 973.6 |
| 7° | 911.6 |
| 8° | 842.8 |
| 9° | 774.8 |
| 10° | 707.1 |
| 12.5° | 544.1 |
| 15° | 410.2 |
| 17.5° | 307.0 |
| 20° | 227.3 |
| 22.5° | 169.7 |
| 25° | 125.3 |
| 27.5° | 91.3 |
| 30° | 66.2 |
| 32.5° | 47.0 |
| 35° | 33.4 |
| 37.5° | 23.9 |
| 40° | 17.3 |
| 42.5° | 12.4 |
| 45° | 8.6 |
| 47.5° | 6.3 |
| 50° | 4.9 |
| 52.5° | 4.0 |
| 55° | 3.5 |
| 57.5° | 2.9 |
| 60° | 2.6 |
| 62.5° | 2.3 |
| 65° | 2.0 |
| 67.5° | 1.7 |
| 70° | 1.4 |
| 72.5° | 1.4 |
| 75° | 1.2 |
| 77.5° | 0.9 |
| 80° | 0.6 |
| 82.5° | 0.6 |
| 85° | 0.3 |
| 87.5° | 0.0 |
| 90° | 0.0 |

(END OF REPORT)