

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: P1294141

Luminaire Tested: P3AS09R55W2N902750DE010 E3DL1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294141
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: P3AS09R55W2N902750DE010 E3DL1LI_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

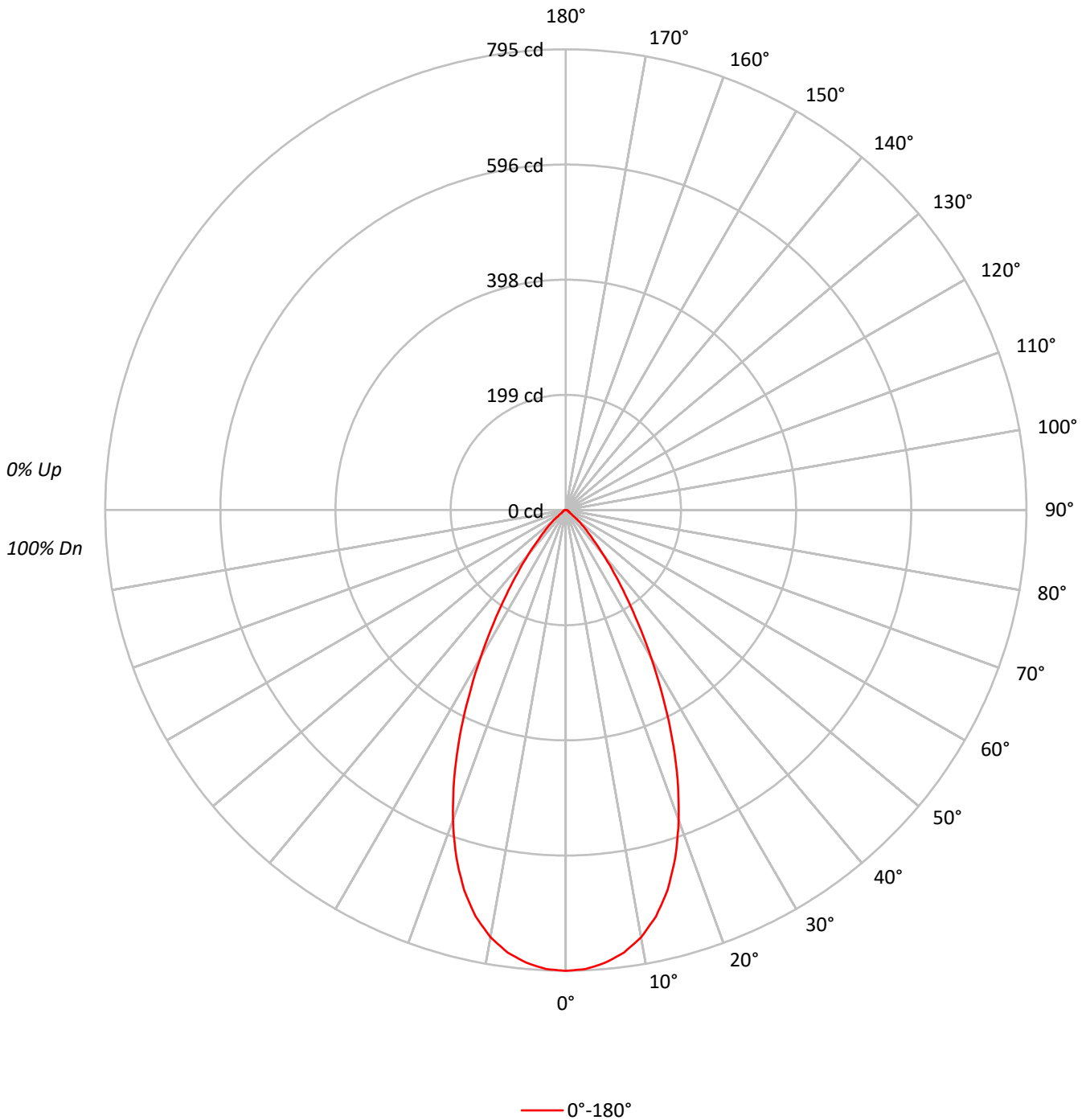
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 635.0 lumens
Efficiency: N/A
Efficacy: 70.6 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): 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 |
| RCR | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | |
| 1 | 113 | 111 | 108 | 106 | 111 | 108 | 106 | 104 | 104 | 103 | 101 | 101 | 99 | 98 | 97 | 96 | 95 | 93 | | |
| 2 | 108 | 103 | 99 | 95 | 106 | 101 | 97 | 94 | 98 | 95 | 92 | 95 | 92 | 90 | 92 | 90 | 88 | 87 | | |
| 3 | 102 | 96 | 91 | 87 | 100 | 94 | 90 | 86 | 92 | 88 | 85 | 89 | 86 | 83 | 87 | 85 | 82 | 81 | | |
| 4 | 97 | 90 | 84 | 80 | 95 | 89 | 83 | 79 | 86 | 82 | 78 | 84 | 81 | 78 | 82 | 79 | 77 | 75 | | |
| 5 | 92 | 84 | 78 | 74 | 91 | 83 | 78 | 74 | 81 | 77 | 73 | 80 | 76 | 72 | 78 | 75 | 72 | 70 | | |
| 6 | 88 | 79 | 73 | 69 | 86 | 78 | 73 | 68 | 77 | 72 | 68 | 75 | 71 | 68 | 74 | 70 | 67 | 66 | | |
| 7 | 84 | 74 | 68 | 64 | 82 | 74 | 68 | 64 | 72 | 67 | 64 | 71 | 67 | 63 | 70 | 66 | 63 | 62 | | |
| 8 | 80 | 70 | 64 | 60 | 78 | 70 | 64 | 60 | 69 | 63 | 60 | 67 | 63 | 60 | 67 | 62 | 59 | 58 | | |
| 9 | 76 | 66 | 61 | 57 | 75 | 66 | 60 | 56 | 65 | 60 | 56 | 64 | 59 | 56 | 63 | 59 | 56 | 55 | | |
| 10 | 73 | 63 | 57 | 53 | 72 | 62 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 60 | 56 | 53 | 52 | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 174372 |
| 5° | 172595 |
| 10° | 166686 |
| 15° | 154076 |
| 20° | 132942 |
| 25° | 105006 |
| 30° | 74492 |
| 35° | 48024 |
| 40° | 28854 |
| 45° | 16250 |
| 50° | 8733 |
| 55° | 3135 |
| 60° | 2807 |
| 65° | 2698 |
| 70° | 2629 |
| 75° | 2457 |
| 80° | 2147 |
| 85° | 1510 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16250 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 73.7 | 11.6 |
| 10°-20° | 187.7 | 29.6 |
| 20°-30° | 196.7 | 31.0 |
| 30°-40° | 114.7 | 18.1 |
| 40°-50° | 42.9 | 6.8 |
| 50°-60° | 10.1 | 1.6 |
| 60°-70° | 5.2 | 0.8 |
| 70°-80° | 3.1 | 0.5 |
| 80°-90° | 0.9 | 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° | 458.1 | 72.1 |
| 0°-40° | 572.8 | 90.2 |
| 0°-60° | 625.9 | 98.6 |
| 0°-90° | 635.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 635.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 795 | |
| 5° | 784 | 74 |
| 15° | 679 | 188 |
| 25° | 434 | 197 |
| 35° | 179 | 115 |
| 45° | 52 | 43 |
| 55° | 8 | 10 |
| 65° | 5 | 5 |
| 75° | 3 | 3 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 795.2 |
| 2.5° | 792.8 |
| 5° | 784.1 |
| 7.5° | 770.1 |
| 10° | 748.6 |
| 12.5° | 718.3 |
| 15° | 678.7 |
| 17.5° | 628.6 |
| 20° | 569.7 |
| 22.5° | 503.9 |
| 25° | 434.0 |
| 27.5° | 362.3 |
| 30° | 294.2 |
| 32.5° | 232.4 |
| 35° | 179.4 |
| 37.5° | 136.3 |
| 40° | 100.8 |
| 42.5° | 72.2 |
| 45° | 52.4 |
| 47.5° | 37.9 |
| 50° | 25.6 |
| 52.5° | 14.6 |
| 55° | 8.2 |
| 57.5° | 7.0 |
| 60° | 6.4 |
| 62.5° | 5.8 |
| 65° | 5.2 |
| 67.5° | 4.7 |
| 70° | 4.1 |
| 72.5° | 3.5 |
| 75° | 2.9 |
| 77.5° | 2.3 |
| 80° | 1.7 |
| 82.5° | 1.2 |
| 85° | 0.6 |
| 87.5° | 0.6 |
| 90° | 0.0 |

(END OF REPORT)