

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: P1301928

Luminaire Tested: P3AS17R55W2N902765DE010 E3DLD1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301928
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R55W2N902765DE010 E3DLD1LI_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 90CRI ,
E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

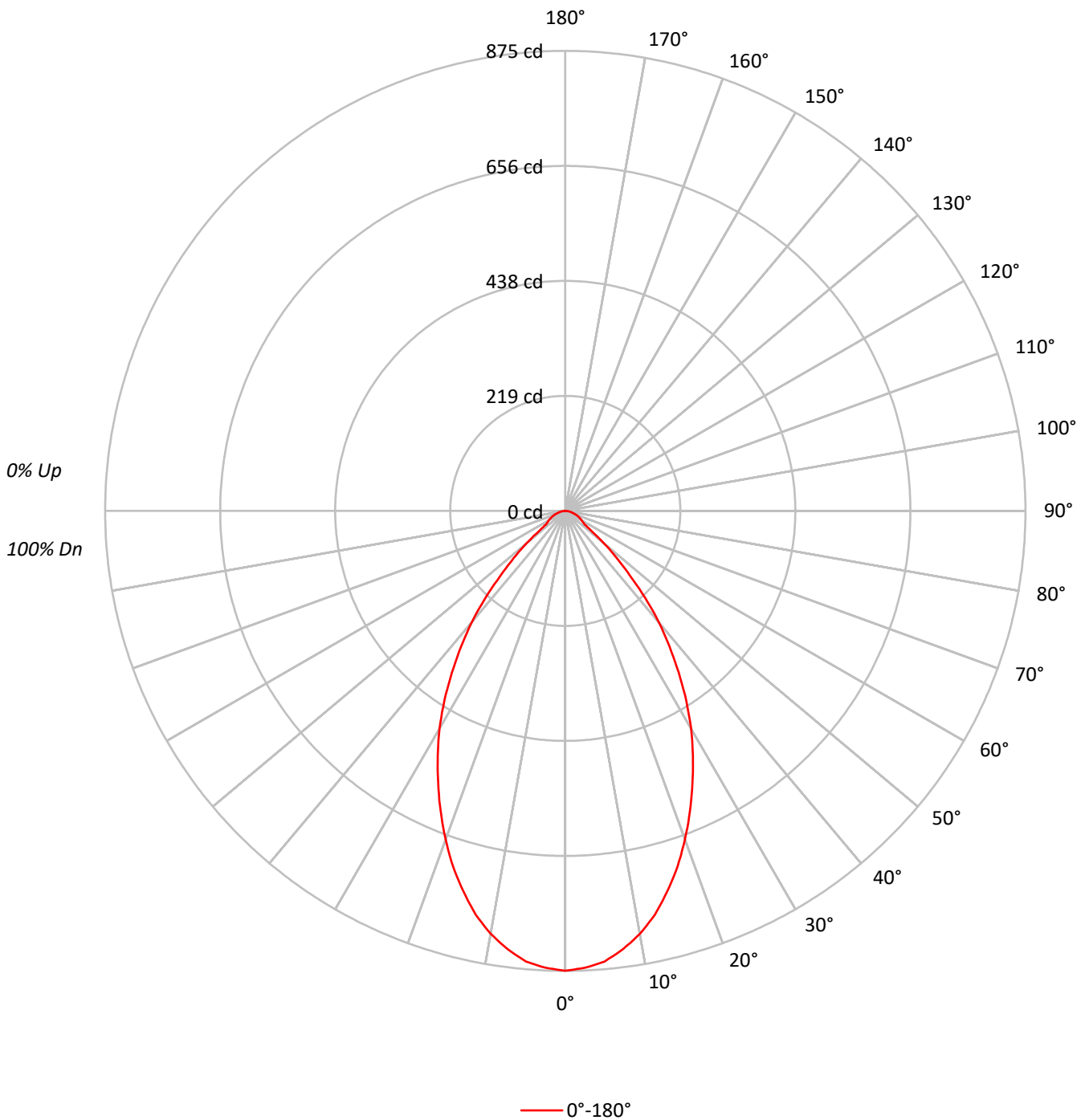
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1020.0 lumens
Efficiency: N/A
Efficacy: 52.6 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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 | 112 | 109 | 106 | 103 | 110 | 107 | 104 | 102 | 103 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 93 | 91 |
| 2 | 105 | 100 | 95 | 91 | 103 | 98 | 93 | 90 | 94 | 91 | 88 | 91 | 88 | 86 | 89 | 86 | 84 | 82 |
| 3 | 99 | 91 | 85 | 81 | 97 | 90 | 84 | 80 | 87 | 82 | 79 | 85 | 81 | 77 | 82 | 79 | 76 | 74 |
| 4 | 93 | 84 | 77 | 72 | 91 | 83 | 77 | 72 | 80 | 75 | 71 | 78 | 74 | 70 | 76 | 73 | 69 | 68 |
| 5 | 87 | 77 | 71 | 66 | 85 | 76 | 70 | 65 | 75 | 69 | 65 | 73 | 68 | 64 | 71 | 67 | 64 | 62 |
| 6 | 82 | 72 | 65 | 60 | 80 | 71 | 64 | 60 | 69 | 64 | 59 | 68 | 63 | 59 | 66 | 62 | 58 | 57 |
| 7 | 77 | 67 | 60 | 55 | 76 | 66 | 59 | 55 | 65 | 59 | 54 | 63 | 58 | 54 | 62 | 57 | 54 | 52 |
| 8 | 73 | 62 | 55 | 51 | 72 | 62 | 55 | 51 | 60 | 55 | 50 | 59 | 54 | 50 | 58 | 53 | 50 | 48 |
| 9 | 69 | 58 | 51 | 47 | 68 | 58 | 51 | 47 | 57 | 51 | 47 | 56 | 50 | 46 | 55 | 50 | 46 | 45 |
| 10 | 65 | 55 | 48 | 44 | 64 | 54 | 48 | 44 | 53 | 47 | 43 | 52 | 47 | 43 | 52 | 47 | 43 | 42 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 191783 |
| 5° | 189346 |
| 10° | 181871 |
| 15° | 170103 |
| 20° | 155180 |
| 25° | 138443 |
| 30° | 121107 |
| 35° | 100626 |
| 40° | 79320 |
| 45° | 53804 |
| 50° | 32886 |
| 55° | 17051 |
| 60° | 15832 |
| 65° | 14995 |
| 70° | 13913 |
| 75° | 12285 |
| 80° | 12123 |
| 85° | 9057 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 53804 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 80.7 | 7.9 |
| 10°-20° | 209.4 | 20.5 |
| 20°-30° | 262.3 | 25.7 |
| 30°-40° | 234.1 | 23.0 |
| 40°-50° | 137.1 | 13.4 |
| 50°-60° | 47.4 | 4.6 |
| 60°-70° | 28.6 | 2.8 |
| 70°-80° | 15.9 | 1.6 |
| 80°-90° | 4.6 | 0.4 |
| 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° | 552.4 | 54.2 |
| 0°-40° | 786.5 | 77.1 |
| 0°-60° | 971.0 | 95.2 |
| 0°-90° | 1020.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1020.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 875 | |
| 5° | 860 | 81 |
| 15° | 749 | 209 |
| 25° | 572 | 262 |
| 35° | 376 | 234 |
| 45° | 174 | 137 |
| 55° | 45 | 47 |
| 65° | 29 | 29 |
| 75° | 14 | 16 |
| 85° | 4 | 5 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 874.6 |
| 2.5° | 869.8 |
| 5° | 860.2 |
| 7.5° | 840.9 |
| 10° | 816.8 |
| 12.5° | 786.7 |
| 15° | 749.3 |
| 17.5° | 709.6 |
| 20° | 665.0 |
| 22.5° | 619.2 |
| 25° | 572.2 |
| 27.5° | 525.3 |
| 30° | 478.3 |
| 32.5° | 427.7 |
| 35° | 375.9 |
| 37.5° | 325.3 |
| 40° | 277.1 |
| 42.5° | 225.3 |
| 45° | 173.5 |
| 47.5° | 132.5 |
| 50° | 96.4 |
| 52.5° | 62.6 |
| 55° | 44.6 |
| 57.5° | 39.8 |
| 60° | 36.1 |
| 62.5° | 32.5 |
| 65° | 28.9 |
| 67.5° | 25.3 |
| 70° | 21.7 |
| 72.5° | 18.1 |
| 75° | 14.5 |
| 77.5° | 12.0 |
| 80° | 9.6 |
| 82.5° | 6.0 |
| 85° | 3.6 |
| 87.5° | 2.4 |
| 90° | 0.0 |

(END OF REPORT)