

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: P1297774

Luminaire Tested: P3AS13R50W2N902765DE010 E3DL1LI_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297774
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R50W2N902765DE010 E3DL1LI_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 2700K CCT AND, 90CRI ,
E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

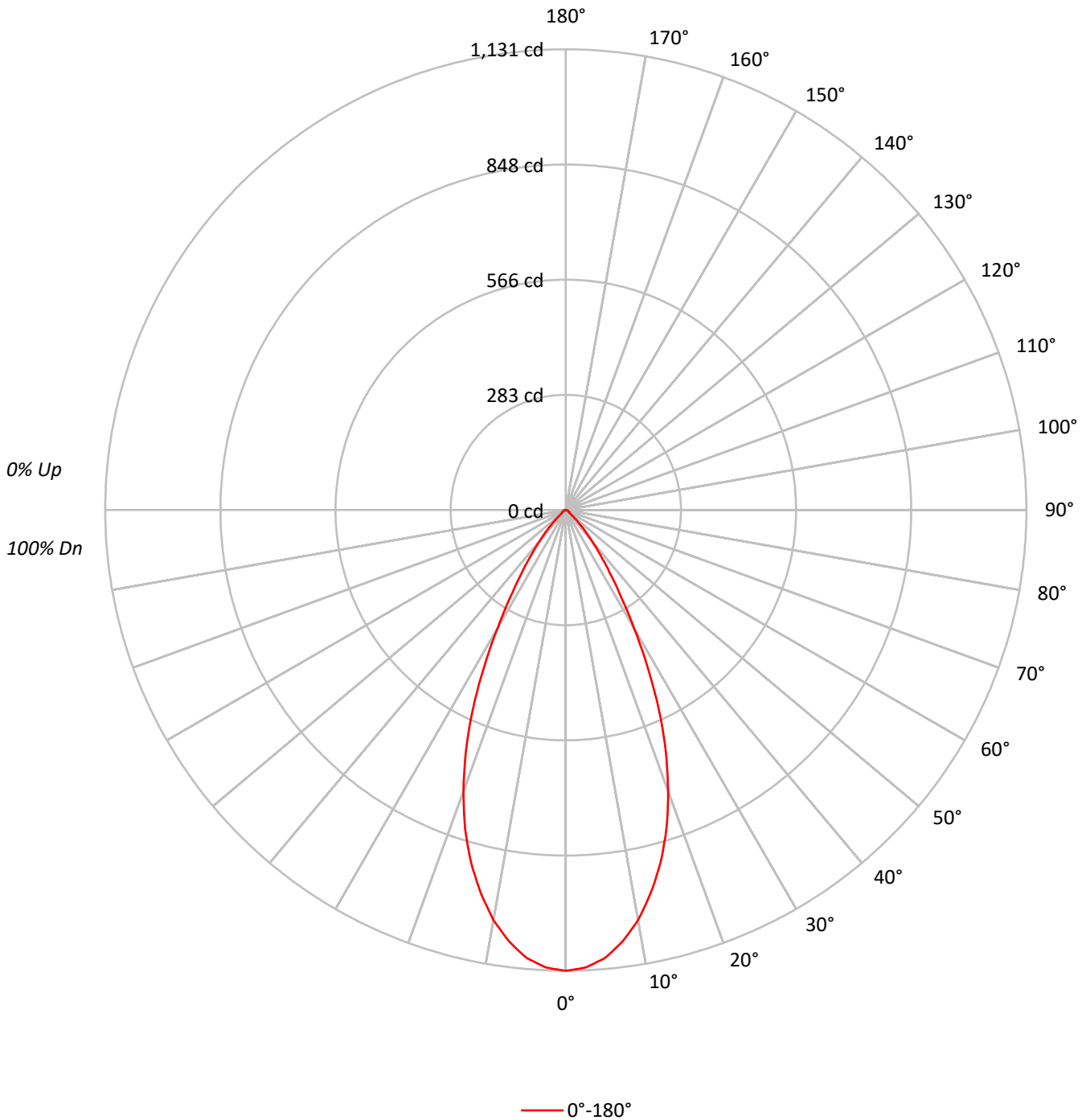
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 779.0 lumens
Efficiency: N/A
Efficacy: 63.3 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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 | 114 | 111 | 108 | 106 | 111 | 109 | 106 | 104 | 105 | 103 | 101 | 101 | 99 | 98 | 97 | 96 | 95 | 94 | | | | 94 |
| 2 | 108 | 103 | 99 | 96 | 106 | 102 | 98 | 95 | 98 | 95 | 93 | 95 | 93 | 91 | 93 | 91 | 89 | 87 | | | | 87 |
| 3 | 103 | 97 | 92 | 88 | 101 | 95 | 91 | 87 | 93 | 89 | 86 | 90 | 87 | 84 | 88 | 85 | 83 | 82 | | | | 82 |
| 4 | 98 | 91 | 85 | 81 | 96 | 90 | 85 | 81 | 87 | 83 | 80 | 85 | 82 | 79 | 84 | 80 | 78 | 76 | | | | 76 |
| 5 | 93 | 85 | 80 | 75 | 92 | 84 | 79 | 75 | 83 | 78 | 74 | 81 | 77 | 74 | 79 | 76 | 73 | 72 | | | | 72 |
| 6 | 89 | 80 | 75 | 71 | 88 | 80 | 74 | 70 | 78 | 73 | 70 | 77 | 73 | 69 | 75 | 72 | 69 | 67 | | | | 67 |
| 7 | 85 | 76 | 70 | 66 | 84 | 75 | 70 | 66 | 74 | 69 | 66 | 73 | 69 | 65 | 72 | 68 | 65 | 64 | | | | 64 |
| 8 | 81 | 72 | 66 | 62 | 80 | 71 | 66 | 62 | 70 | 65 | 62 | 69 | 65 | 62 | 68 | 64 | 61 | 60 | | | | 60 |
| 9 | 78 | 68 | 63 | 59 | 76 | 68 | 62 | 59 | 67 | 62 | 59 | 66 | 62 | 58 | 65 | 61 | 58 | 57 | | | | 57 |
| 10 | 74 | 65 | 59 | 56 | 73 | 65 | 59 | 56 | 64 | 59 | 55 | 63 | 58 | 55 | 62 | 58 | 55 | 54 | | | | 54 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 248028 |
| 5° | 243011 |
| 10° | 227629 |
| 15° | 203770 |
| 20° | 171492 |
| 25° | 130870 |
| 30° | 85051 |
| 35° | 50433 |
| 40° | 29140 |
| 45° | 14606 |
| 50° | 5424 |
| 55° | 4244 |
| 60° | 3947 |
| 65° | 3580 |
| 70° | 3526 |
| 75° | 3558 |
| 80° | 3536 |
| 85° | 3522 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14606 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 102.7 | 13.2 |
| 10°-20° | 248.2 | 31.9 |
| 20°-30° | 243.5 | 31.3 |
| 30°-40° | 122.7 | 15.7 |
| 40°-50° | 38.8 | 5.0 |
| 50°-60° | 10.1 | 1.3 |
| 60°-70° | 7.1 | 0.9 |
| 70°-80° | 4.4 | 0.6 |
| 80°-90° | 1.5 | 0.2 |
| 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° | 594.5 | 76.3 |
| 0°-40° | 717.2 | 92.1 |
| 0°-60° | 766.0 | 98.3 |
| 0°-90° | 779.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 779.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1131 | |
| 5° | 1104 | 103 |
| 15° | 898 | 248 |
| 25° | 541 | 244 |
| 35° | 188 | 123 |
| 45° | 47 | 39 |
| 55° | 11 | 10 |
| 65° | 7 | 7 |
| 75° | 4 | 4 |
| 85° | 1 | 2 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1131.1 |
| 2.5° | 1124.1 |
| 5° | 1104.0 |
| 7.5° | 1068.0 |
| 10° | 1022.3 |
| 12.5° | 963.4 |
| 15° | 897.6 |
| 17.5° | 821.5 |
| 20° | 734.9 |
| 22.5° | 641.4 |
| 25° | 540.9 |
| 27.5° | 434.3 |
| 30° | 335.9 |
| 32.5° | 252.8 |
| 35° | 188.4 |
| 37.5° | 139.2 |
| 40° | 101.8 |
| 42.5° | 72.0 |
| 45° | 47.1 |
| 47.5° | 27.0 |
| 50° | 15.9 |
| 52.5° | 11.8 |
| 55° | 11.1 |
| 57.5° | 9.7 |
| 60° | 9.0 |
| 62.5° | 8.3 |
| 65° | 6.9 |
| 67.5° | 6.2 |
| 70° | 5.5 |
| 72.5° | 4.8 |
| 75° | 4.2 |
| 77.5° | 3.5 |
| 80° | 2.8 |
| 82.5° | 2.1 |
| 85° | 1.4 |
| 87.5° | 0.7 |
| 90° | 0.0 |

(END OF REPORT)