

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: P1300180

Luminaire Tested: P3AS17R30W2N902750DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300180
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R30W2N902750DE010 E3DLD1GPH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

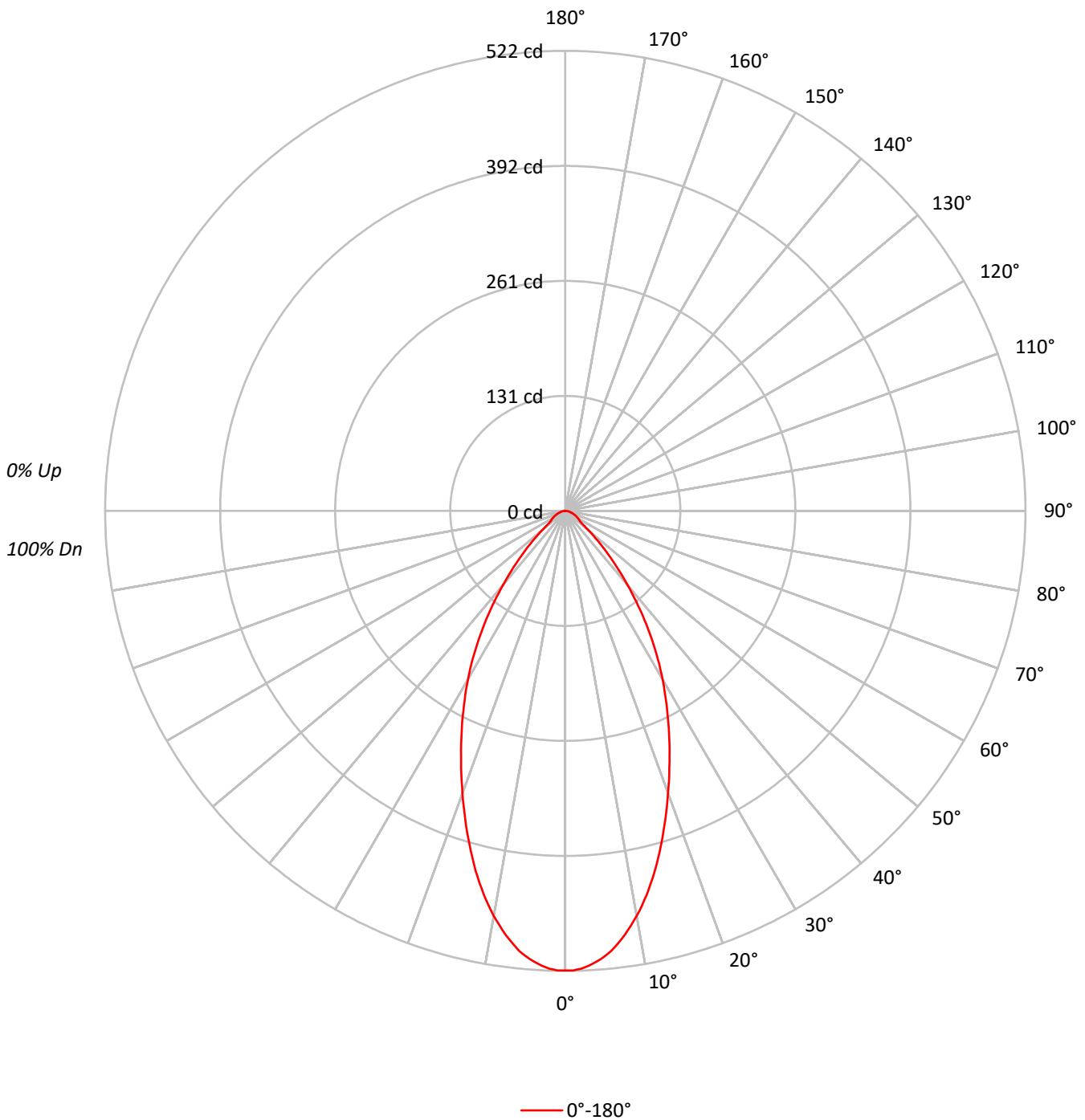
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 484.0 lumens
Efficiency: N/A
Efficacy: 24.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
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 | 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 | 112 | 109 | 106 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 94 | 93 | 91 | | | 91 |
| 2 | 106 | 100 | 96 | 92 | 104 | 99 | 94 | 91 | 95 | 92 | 89 | 92 | 89 | 87 | 89 | 87 | 85 | 83 | | | 83 |
| 3 | 100 | 92 | 87 | 82 | 98 | 91 | 86 | 82 | 88 | 84 | 80 | 86 | 82 | 79 | 84 | 80 | 78 | 76 | | | 76 |
| 4 | 94 | 85 | 79 | 74 | 92 | 84 | 79 | 74 | 82 | 77 | 73 | 80 | 76 | 72 | 78 | 74 | 71 | 70 | | | 70 |
| 5 | 89 | 79 | 73 | 68 | 87 | 78 | 72 | 68 | 76 | 71 | 67 | 75 | 70 | 66 | 73 | 69 | 66 | 64 | | | 64 |
| 6 | 84 | 74 | 67 | 62 | 82 | 73 | 67 | 62 | 71 | 66 | 62 | 70 | 65 | 61 | 69 | 64 | 61 | 59 | | | 59 |
| 7 | 79 | 69 | 62 | 58 | 78 | 68 | 62 | 58 | 67 | 61 | 57 | 66 | 61 | 57 | 65 | 60 | 57 | 55 | | | 55 |
| 8 | 75 | 65 | 58 | 54 | 74 | 64 | 58 | 53 | 63 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 51 | | | 51 |
| 9 | 71 | 61 | 54 | 50 | 70 | 60 | 54 | 50 | 59 | 54 | 50 | 58 | 53 | 50 | 57 | 53 | 49 | 48 | | | 48 |
| 10 | 68 | 57 | 51 | 47 | 67 | 57 | 51 | 47 | 56 | 50 | 47 | 55 | 50 | 46 | 54 | 50 | 46 | 45 | | | 45 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 114355 |
| 5° | 111776 |
| 10° | 103939 |
| 15° | 92486 |
| 20° | 79550 |
| 25° | 67383 |
| 30° | 55933 |
| 35° | 43875 |
| 40° | 31459 |
| 45° | 20622 |
| 50° | 11735 |
| 55° | 7723 |
| 60° | 7280 |
| 65° | 6797 |
| 70° | 6091 |
| 75° | 5507 |
| 80° | 5304 |
| 85° | 4529 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 20622 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 47.1 | 9.7 |
| 10°-20° | 113.3 | 23.4 |
| 20°-30° | 127.6 | 26.4 |
| 30°-40° | 101.9 | 21.1 |
| 40°-50° | 52.4 | 10.8 |
| 50°-60° | 19.7 | 4.1 |
| 60°-70° | 12.9 | 2.7 |
| 70°-80° | 6.9 | 1.4 |
| 80°-90° | 2.0 | 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° | 288.0 | 59.5 |
| 0°-40° | 390.0 | 80.6 |
| 0°-60° | 462.1 | 95.5 |
| 0°-90° | 484.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 484.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 522 | |
| 5° | 508 | 47 |
| 15° | 407 | 113 |
| 25° | 278 | 128 |
| 35° | 164 | 102 |
| 45° | 66 | 52 |
| 55° | 20 | 20 |
| 65° | 13 | 13 |
| 75° | 6 | 7 |
| 85° | 2 | 2 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 521.5 |
| 1° | 521.5 |
| 2° | 519.7 |
| 3° | 516.7 |
| 4° | 512.5 |
| 5° | 507.8 |
| 6° | 501.9 |
| 7° | 494.1 |
| 8° | 485.8 |
| 9° | 476.3 |
| 10° | 466.8 |
| 11° | 456.1 |
| 12° | 444.8 |
| 13° | 433.0 |
| 14° | 420.5 |
| 15° | 407.4 |
| 17.5° | 374.2 |
| 20° | 340.9 |
| 22.5° | 308.8 |
| 25° | 278.5 |
| 27.5° | 248.9 |
| 30° | 220.9 |
| 32.5° | 192.4 |
| 35° | 163.9 |
| 37.5° | 136.0 |
| 40° | 109.9 |
| 42.5° | 86.7 |
| 45° | 66.5 |
| 47.5° | 49.3 |
| 50° | 34.4 |
| 52.5° | 24.4 |
| 55° | 20.2 |
| 57.5° | 18.4 |
| 60° | 16.6 |
| 62.5° | 14.8 |
| 65° | 13.1 |
| 67.5° | 11.3 |
| 70° | 9.5 |
| 72.5° | 7.7 |
| 75° | 6.5 |
| 77.5° | 5.3 |
| 80° | 4.2 |
| 82.5° | 3.0 |
| 85° | 1.8 |
| 87.5° | 0.6 |



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)