

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: P1296401

Luminaire Tested: P3AS13R30W2N902750DE010 E3DLD1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296401
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: P3AS13R30W2N902750DE010 E3DLD1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

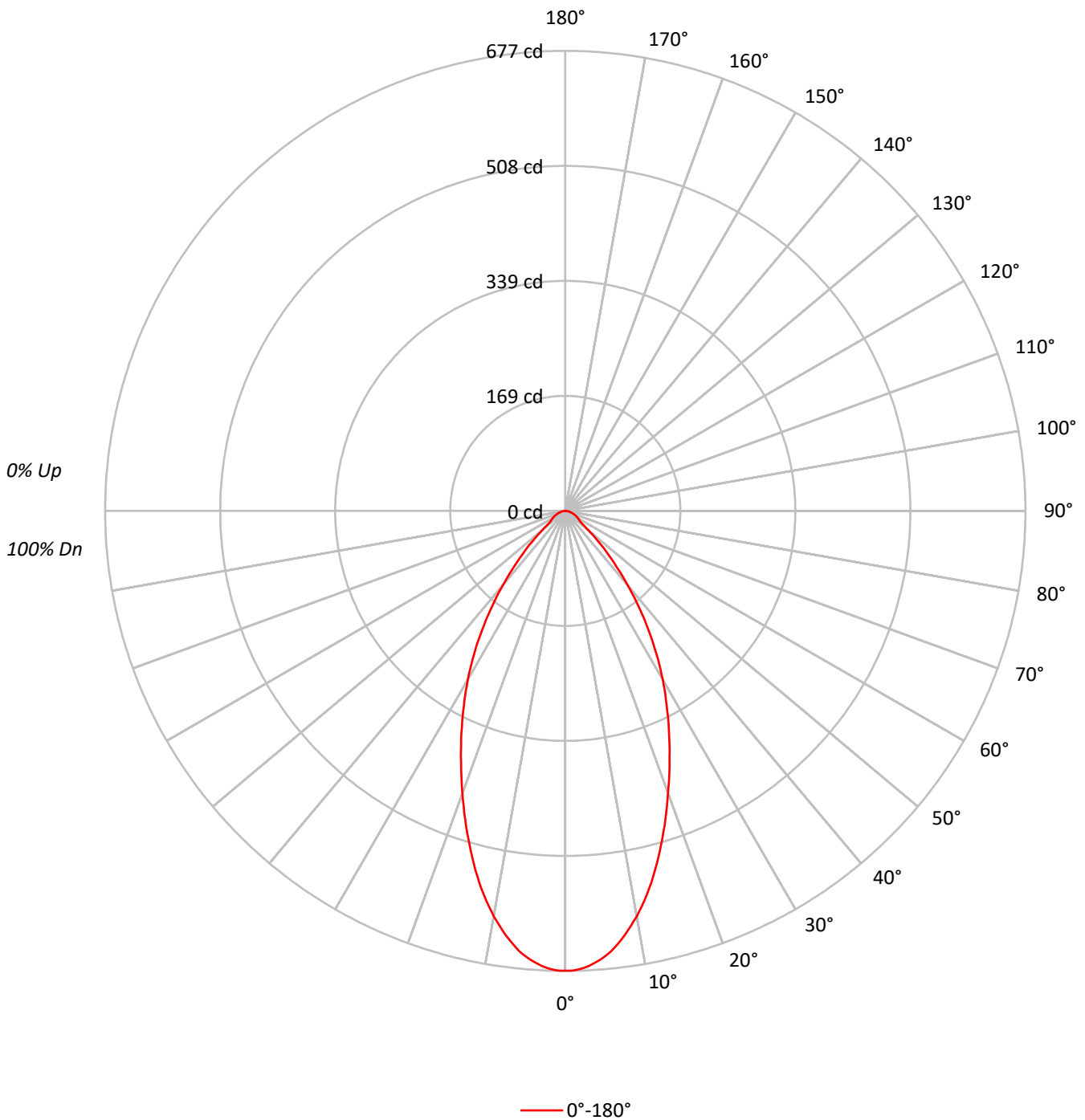
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 628.0 lumens
Efficiency: N/A
Efficacy: 51.1 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): 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 | | | | |
| 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° | 148365 |
| 5° | 145036 |
| 10° | 134867 |
| 15° | 120001 |
| 20° | 103212 |
| 25° | 87441 |
| 30° | 72593 |
| 35° | 56938 |
| 40° | 40819 |
| 45° | 26762 |
| 50° | 15249 |
| 55° | 10016 |
| 60° | 9473 |
| 65° | 8821 |
| 70° | 7886 |
| 75° | 7202 |
| 80° | 6819 |
| 85° | 5787 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26762 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 61.2 | 9.7 |
| 10°-20° | 147.0 | 23.4 |
| 20°-30° | 165.6 | 26.4 |
| 30°-40° | 132.3 | 21.1 |
| 40°-50° | 68.0 | 10.8 |
| 50°-60° | 25.6 | 4.1 |
| 60°-70° | 16.8 | 2.7 |
| 70°-80° | 9.0 | 1.4 |
| 80°-90° | 2.6 | 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° | 373.7 | 59.5 |
| 0°-40° | 506.0 | 80.6 |
| 0°-60° | 599.6 | 95.5 |
| 0°-90° | 628.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 628.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 677 | |
| 5° | 659 | 61 |
| 15° | 529 | 147 |
| 25° | 361 | 166 |
| 35° | 213 | 132 |
| 45° | 86 | 68 |
| 55° | 26 | 26 |
| 65° | 17 | 17 |
| 75° | 8 | 9 |
| 85° | 2 | 3 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 676.6 |
| 1° | 676.6 |
| 2° | 674.3 |
| 3° | 670.4 |
| 4° | 665.0 |
| 5° | 658.9 |
| 6° | 651.2 |
| 7° | 641.2 |
| 8° | 630.4 |
| 9° | 618.0 |
| 10° | 605.7 |
| 11° | 591.8 |
| 12° | 577.2 |
| 13° | 561.8 |
| 14° | 545.6 |
| 15° | 528.6 |
| 17.5° | 485.5 |
| 20° | 442.3 |
| 22.5° | 400.7 |
| 25° | 361.4 |
| 27.5° | 322.9 |
| 30° | 286.7 |
| 32.5° | 249.7 |
| 35° | 212.7 |
| 37.5° | 176.5 |
| 40° | 142.6 |
| 42.5° | 112.5 |
| 45° | 86.3 |
| 47.5° | 64.0 |
| 50° | 44.7 |
| 52.5° | 31.6 |
| 55° | 26.2 |
| 57.5° | 23.9 |
| 60° | 21.6 |
| 62.5° | 19.3 |
| 65° | 17.0 |
| 67.5° | 14.6 |
| 70° | 12.3 |
| 72.5° | 10.0 |
| 75° | 8.5 |
| 77.5° | 6.9 |
| 80° | 5.4 |
| 82.5° | 3.9 |
| 85° | 2.3 |
| 87.5° | 0.8 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)