

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: P1296375

Luminaire Tested: P3AS13R30W2N902750DE010 E3DL1WH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296375
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R30W2N902750DE010 E3DL1WH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

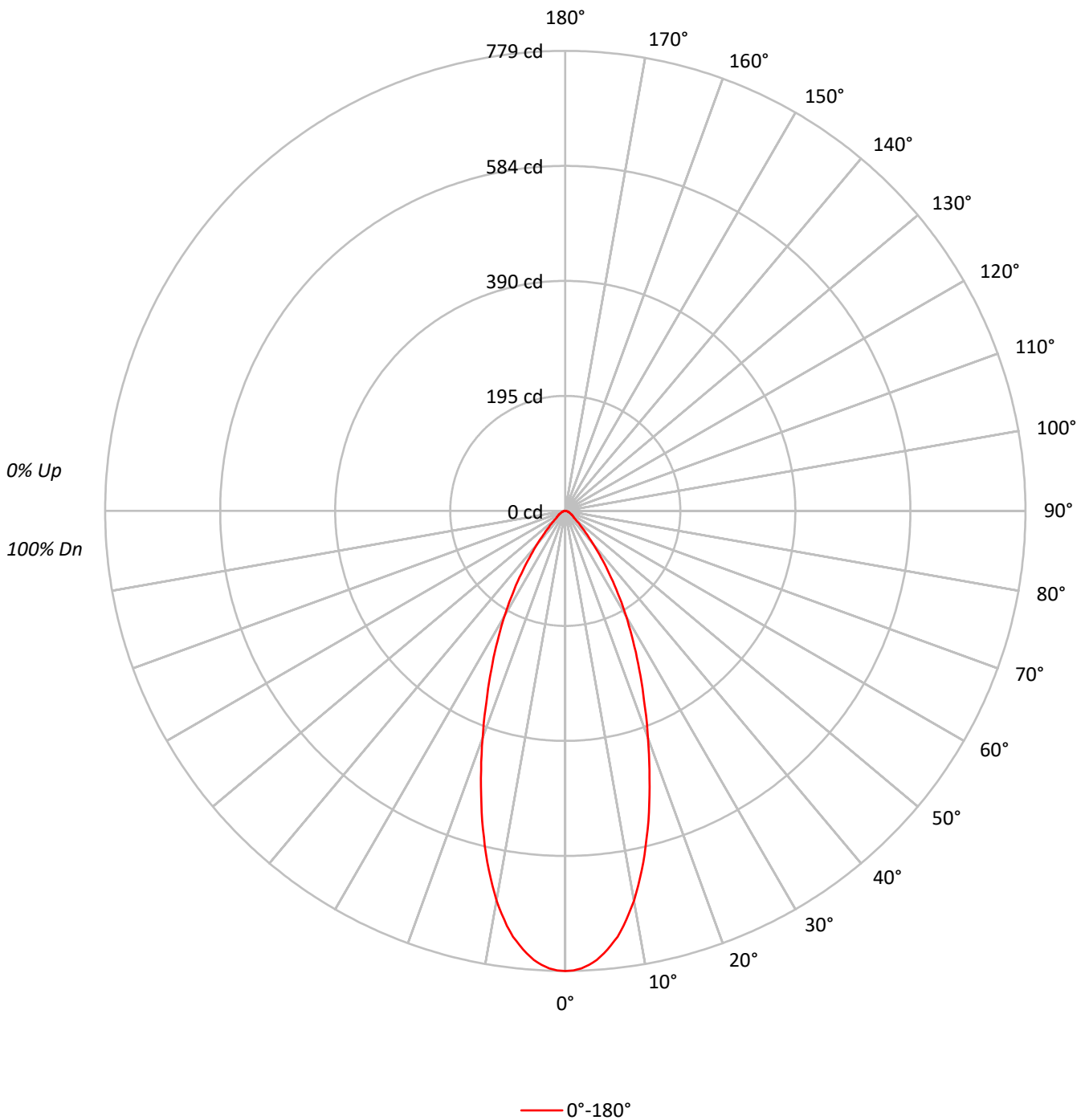
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 500.1 lumens
Efficiency: N/A
Efficacy: 40.7 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
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 | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 | 100 | 99 | 97 | 97 | 96 | 95 | 93 | | | | 93 |
| 2 | 107 | 102 | 98 | 95 | 105 | 101 | 97 | 94 | 97 | 94 | 92 | 94 | 92 | 90 | 92 | 90 | 88 | 86 | | | | 86 |
| 3 | 102 | 95 | 90 | 86 | 100 | 94 | 89 | 85 | 91 | 87 | 84 | 89 | 86 | 83 | 87 | 84 | 82 | 80 | | | | 80 |
| 4 | 97 | 89 | 84 | 79 | 95 | 88 | 83 | 79 | 86 | 81 | 78 | 84 | 80 | 77 | 82 | 79 | 76 | 74 | | | | 74 |
| 5 | 92 | 84 | 78 | 73 | 90 | 83 | 77 | 73 | 81 | 76 | 72 | 79 | 75 | 72 | 78 | 74 | 71 | 70 | | | | 70 |
| 6 | 88 | 79 | 73 | 68 | 86 | 78 | 72 | 68 | 76 | 71 | 68 | 75 | 71 | 67 | 74 | 70 | 67 | 65 | | | | 65 |
| 7 | 83 | 74 | 68 | 64 | 82 | 74 | 68 | 64 | 72 | 67 | 63 | 71 | 67 | 63 | 70 | 66 | 63 | 61 | | | | 61 |
| 8 | 80 | 70 | 64 | 60 | 78 | 70 | 64 | 60 | 69 | 63 | 60 | 67 | 63 | 60 | 67 | 62 | 59 | 58 | | | | 58 |
| 9 | 76 | 67 | 61 | 57 | 75 | 66 | 60 | 57 | 65 | 60 | 56 | 64 | 60 | 56 | 63 | 59 | 56 | 55 | | | | 55 |
| 10 | 73 | 63 | 58 | 54 | 72 | 63 | 57 | 54 | 62 | 57 | 53 | 61 | 57 | 53 | 60 | 56 | 53 | 52 | | | | 52 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 170864 |
| 5° | 165529 |
| 10° | 149162 |
| 15° | 123383 |
| 20° | 95535 |
| 25° | 71665 |
| 30° | 52033 |
| 35° | 34666 |
| 40° | 21297 |
| 45° | 12497 |
| 50° | 7676 |
| 55° | 6232 |
| 60° | 5438 |
| 65° | 4410 |
| 70° | 3975 |
| 75° | 3982 |
| 80° | 2904 |
| 85° | 4026 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12497 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 69.2 | 13.8 |
| 10°-20° | 149.7 | 29.9 |
| 20°-30° | 136.2 | 27.2 |
| 30°-40° | 82.3 | 16.5 |
| 40°-50° | 33.0 | 6.6 |
| 50°-60° | 14.6 | 2.9 |
| 60°-70° | 8.8 | 1.8 |
| 70°-80° | 4.8 | 1.0 |
| 80°-90° | 1.4 | 0.3 |
| 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° | 355.1 | 71.0 |
| 0°-40° | 437.4 | 87.5 |
| 0°-60° | 485.0 | 97.0 |
| 0°-90° | 500.1 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 500.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 779 | |
| 5° | 752 | 69 |
| 15° | 544 | 150 |
| 25° | 296 | 136 |
| 35° | 130 | 82 |
| 45° | 40 | 33 |
| 55° | 16 | 15 |
| 65° | 8 | 9 |
| 75° | 5 | 5 |
| 85° | 2 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 779.2 |
| 1° | 778.4 |
| 2° | 775.3 |
| 3° | 769.9 |
| 4° | 762.1 |
| 5° | 752.0 |
| 6° | 739.6 |
| 7° | 726.5 |
| 8° | 709.4 |
| 9° | 690.0 |
| 10° | 669.9 |
| 11° | 646.6 |
| 12° | 621.8 |
| 13° | 597.0 |
| 14° | 569.8 |
| 15° | 543.5 |
| 17.5° | 474.5 |
| 20° | 409.4 |
| 22.5° | 348.9 |
| 25° | 296.2 |
| 27.5° | 248.1 |
| 30° | 205.5 |
| 32.5° | 165.9 |
| 35° | 129.5 |
| 37.5° | 99.2 |
| 40° | 74.4 |
| 42.5° | 54.3 |
| 45° | 40.3 |
| 47.5° | 30.2 |
| 50° | 22.5 |
| 52.5° | 17.8 |
| 55° | 16.3 |
| 57.5° | 14.0 |
| 60° | 12.4 |
| 62.5° | 10.1 |
| 65° | 8.5 |
| 67.5° | 7.8 |
| 70° | 6.2 |
| 72.5° | 5.4 |
| 75° | 4.7 |
| 77.5° | 3.9 |
| 80° | 2.3 |
| 82.5° | 1.6 |
| 85° | 1.6 |
| 87.5° | 0.8 |



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)