

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: P1300581

Luminaire Tested: P3AS17R35W2N902750DE010 E3PHLP1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300581
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R35W2N902750DE010 E3PHLP1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

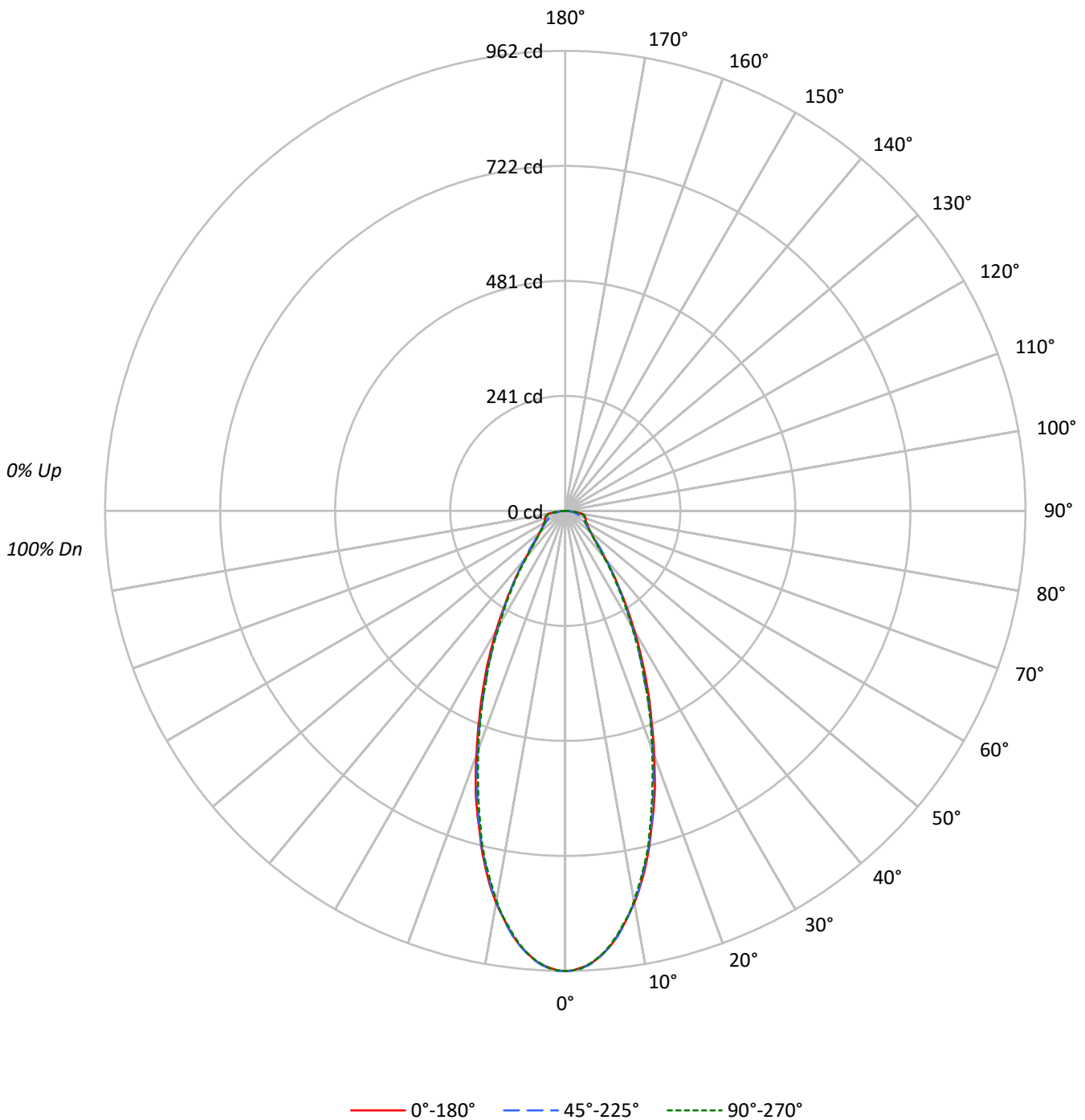
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 796.0 lumens
Efficiency: N/A
Efficacy: 41.0 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
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





TEST NUMBER: P1300581

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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 |
| RCR | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 102 | 100 |
| 1 | 111 | 107 | 104 | 101 | 109 | 105 | 102 | 99 | 101 | 99 | 96 | 97 | 95 | 93 | 94 | 92 | 91 | 91 | 91 | 89 |
| 2 | 104 | 98 | 92 | 88 | 101 | 96 | 91 | 87 | 92 | 88 | 85 | 89 | 86 | 83 | 86 | 84 | 81 | 81 | 81 | 79 |
| 3 | 97 | 89 | 83 | 78 | 95 | 88 | 82 | 77 | 85 | 80 | 76 | 82 | 78 | 75 | 80 | 77 | 74 | 74 | 74 | 72 |
| 4 | 92 | 82 | 75 | 70 | 90 | 81 | 75 | 70 | 79 | 73 | 69 | 77 | 72 | 68 | 75 | 71 | 67 | 67 | 67 | 65 |
| 5 | 86 | 76 | 69 | 64 | 84 | 75 | 69 | 64 | 73 | 68 | 63 | 72 | 67 | 63 | 70 | 65 | 62 | 62 | 62 | 60 |
| 6 | 82 | 71 | 64 | 59 | 80 | 70 | 64 | 59 | 69 | 63 | 58 | 67 | 62 | 58 | 66 | 61 | 57 | 57 | 57 | 56 |
| 7 | 77 | 66 | 60 | 55 | 76 | 66 | 59 | 54 | 64 | 58 | 54 | 63 | 58 | 54 | 62 | 57 | 54 | 54 | 54 | 52 |
| 8 | 73 | 62 | 56 | 51 | 72 | 62 | 55 | 51 | 61 | 55 | 51 | 60 | 54 | 50 | 59 | 54 | 50 | 50 | 50 | 49 |
| 9 | 70 | 59 | 52 | 48 | 68 | 58 | 52 | 48 | 57 | 52 | 47 | 56 | 51 | 47 | 55 | 51 | 47 | 47 | 47 | 46 |
| 10 | 66 | 56 | 49 | 45 | 65 | 55 | 49 | 45 | 54 | 49 | 45 | 53 | 48 | 45 | 53 | 48 | 44 | 44 | 44 | 43 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|--------|--------|--------|
| 0° | 210970 | 210970 | 210970 |
| 5° | 204028 | 204314 | 204028 |
| 10° | 185345 | 185078 | 184276 |
| 15° | 157345 | 156800 | 155415 |
| 20° | 126664 | 124984 | 123841 |
| 25° | 97917 | 94989 | 94989 |
| 30° | 73024 | 70568 | 69960 |
| 35° | 52548 | 51906 | 50594 |
| 40° | 36755 | 37814 | 35381 |
| 45° | 27445 | 28933 | 26669 |
| 50° | 23573 | 23573 | 23163 |
| 55° | 22250 | 21294 | 21753 |
| 60° | 22849 | 20744 | 21796 |
| 65° | 24542 | 20754 | 23868 |
| 70° | 28723 | 21734 | 27953 |
| 75° | 35923 | 22621 | 34906 |
| 80° | 45965 | 24498 | 41293 |
| 85° | 36481 | 24405 | 36481 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 45965 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 85.5 | 10.7 |
| 10°-20° | 190.7 | 24.0 |
| 20°-30° | 182.1 | 22.9 |
| 30°-40° | 122.3 | 15.4 |
| 40°-50° | 71.8 | 9.0 |
| 50°-60° | 51.4 | 6.5 |
| 60°-70° | 42.8 | 5.4 |
| 70°-80° | 35.0 | 4.4 |
| 80°-90° | 14.4 | 1.8 |
| 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° | 458.3 | 57.6 |
| 0°-40° | 580.6 | 72.9 |
| 0°-60° | 703.8 | 88.4 |
| 0°-90° | 796.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 796.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 962 | 962 | 962 | 962 | 962 | |
| 5° | 927 | 929 | 928 | 927 | 927 | 85 |
| 15° | 693 | 694 | 691 | 686 | 685 | 192 |
| 25° | 405 | 400 | 393 | 393 | 393 | 186 |
| 35° | 196 | 196 | 194 | 190 | 189 | 124 |
| 45° | 88 | 91 | 93 | 88 | 86 | 71 |
| 55° | 58 | 57 | 56 | 56 | 57 | 53 |
| 65° | 47 | 42 | 40 | 42 | 46 | 47 |
| 75° | 42 | 33 | 27 | 33 | 41 | 44 |
| 85° | 14 | 16 | 10 | 16 | 14 | 16 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|-------|-------|-------|-------|-------|
| 0° | 962.1 | 962.1 | 962.1 | 962.1 | 962.1 |
| 1° | 960.9 | 962.1 | 962.1 | 960.9 | 960.9 |
| 2° | 956.0 | 958.5 | 957.2 | 956.0 | 957.2 |
| 3° | 950.0 | 952.4 | 951.2 | 950.0 | 948.8 |
| 4° | 940.3 | 942.7 | 941.5 | 939.1 | 939.1 |
| 5° | 926.9 | 929.4 | 928.2 | 926.9 | 926.9 |
| 6° | 913.6 | 916.0 | 913.6 | 911.2 | 911.2 |
| 7° | 895.4 | 899.1 | 896.7 | 894.2 | 893.0 |
| 8° | 874.8 | 878.5 | 876.1 | 874.8 | 872.4 |
| 9° | 854.2 | 856.7 | 853.0 | 853.0 | 853.0 |
| 10° | 832.4 | 833.6 | 831.2 | 827.6 | 827.6 |
| 11° | 808.2 | 807.0 | 805.8 | 803.4 | 800.9 |
| 12° | 781.5 | 781.5 | 777.9 | 775.5 | 774.3 |
| 13° | 753.7 | 752.5 | 750.0 | 747.6 | 747.6 |
| 14° | 724.6 | 724.6 | 722.2 | 717.3 | 718.5 |
| 15° | 693.1 | 694.3 | 690.7 | 685.8 | 684.6 |
| 17.5° | 621.6 | 619.2 | 613.1 | 609.5 | 605.8 |
| 20° | 542.8 | 541.6 | 535.6 | 531.9 | 530.7 |
| 22.5° | 470.1 | 468.9 | 462.9 | 459.2 | 461.7 |
| 25° | 404.7 | 399.9 | 392.6 | 392.6 | 392.6 |
| 27.5° | 344.1 | 338.1 | 333.2 | 330.8 | 333.2 |
| 30° | 288.4 | 283.5 | 278.7 | 277.5 | 276.3 |
| 32.5° | 238.7 | 236.3 | 233.9 | 230.2 | 230.2 |
| 35° | 196.3 | 196.3 | 193.9 | 190.2 | 189.0 |
| 37.5° | 159.9 | 161.2 | 159.9 | 156.3 | 155.1 |
| 40° | 128.4 | 130.9 | 132.1 | 128.4 | 123.6 |
| 42.5° | 105.4 | 109.1 | 111.5 | 105.4 | 101.8 |
| 45° | 88.5 | 90.9 | 93.3 | 88.5 | 86.0 |
| 47.5° | 77.5 | 78.8 | 80.0 | 76.3 | 75.1 |
| 50° | 69.1 | 69.1 | 69.1 | 67.9 | 67.9 |
| 52.5° | 63.0 | 63.0 | 61.8 | 60.6 | 60.6 |
| 55° | 58.2 | 56.9 | 55.7 | 55.7 | 56.9 |
| 57.5° | 54.5 | 53.3 | 50.9 | 52.1 | 53.3 |
| 60° | 52.1 | 49.7 | 47.3 | 48.5 | 49.7 |
| 62.5° | 48.5 | 46.0 | 43.6 | 44.8 | 47.3 |
| 65° | 47.3 | 42.4 | 40.0 | 42.4 | 46.0 |
| 67.5° | 46.0 | 40.0 | 36.4 | 40.0 | 44.8 |
| 70° | 44.8 | 37.6 | 33.9 | 37.6 | 43.6 |
| 72.5° | 43.6 | 35.1 | 30.3 | 35.1 | 42.4 |
| 75° | 42.4 | 32.7 | 26.7 | 32.7 | 41.2 |
| 77.5° | 40.0 | 30.3 | 23.0 | 30.3 | 37.6 |
| 80° | 36.4 | 27.9 | 19.4 | 26.7 | 32.7 |
| 82.5° | 26.7 | 23.0 | 15.8 | 23.0 | 24.2 |
| 85° | 14.5 | 15.8 | 9.7 | 15.8 | 14.5 |
| 87.5° | 1.2 | 2.4 | 2.4 | 7.3 | 4.8 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-----|-----|-------|-----|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)