

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: P1296771

Luminaire Tested: P3AS13R35W2N902750DE010 E3DLP1WMH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296771
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R35W2N902750DE010 E3DLP1WMH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

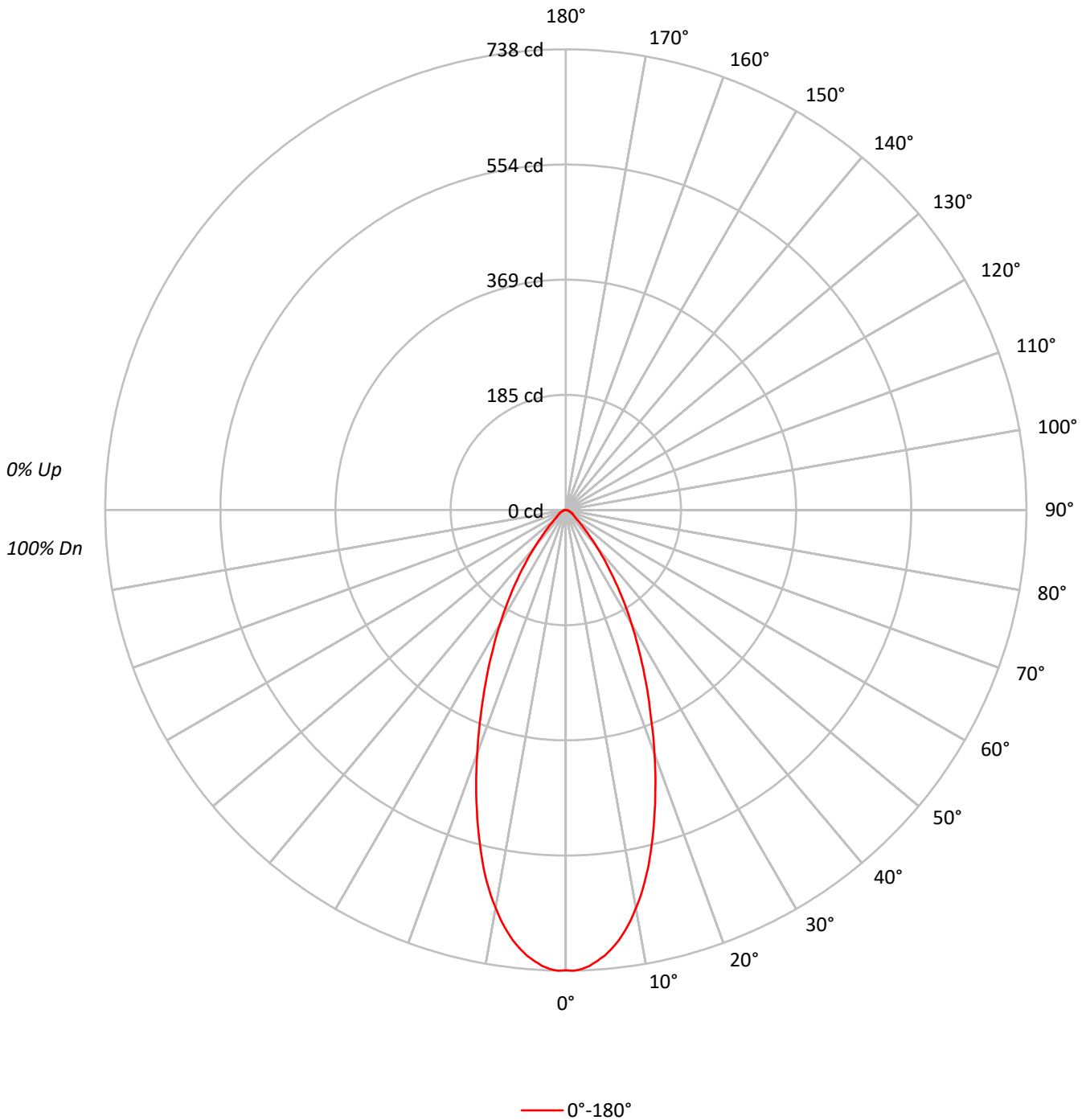
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 503.0 lumens
Efficiency: N/A
Efficacy: 40.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
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 | | | |
| 1 | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 | 100 | 99 | 97 | 97 | 96 | 95 | 93 | | | |
| 2 | 107 | 102 | 98 | 94 | 105 | 100 | 97 | 93 | 97 | 94 | 91 | 94 | 92 | 89 | 91 | 89 | 87 | 86 | | | |
| 3 | 102 | 95 | 90 | 86 | 100 | 94 | 89 | 85 | 91 | 87 | 84 | 89 | 85 | 82 | 86 | 84 | 81 | 80 | | | |
| 4 | 97 | 89 | 83 | 79 | 95 | 88 | 82 | 78 | 86 | 81 | 77 | 84 | 80 | 77 | 82 | 78 | 76 | 74 | | | |
| 5 | 92 | 83 | 77 | 73 | 90 | 82 | 77 | 73 | 81 | 76 | 72 | 79 | 75 | 71 | 77 | 74 | 71 | 69 | | | |
| 6 | 87 | 78 | 72 | 68 | 86 | 77 | 72 | 68 | 76 | 71 | 67 | 75 | 70 | 67 | 73 | 69 | 66 | 65 | | | |
| 7 | 83 | 74 | 68 | 63 | 82 | 73 | 67 | 63 | 72 | 67 | 63 | 71 | 66 | 63 | 69 | 65 | 62 | 61 | | | |
| 8 | 79 | 70 | 64 | 60 | 78 | 69 | 63 | 59 | 68 | 63 | 59 | 67 | 62 | 59 | 66 | 62 | 59 | 57 | | | |
| 9 | 76 | 66 | 60 | 56 | 75 | 66 | 60 | 56 | 65 | 59 | 56 | 64 | 59 | 56 | 63 | 59 | 56 | 54 | | | |
| 10 | 72 | 63 | 57 | 53 | 71 | 62 | 57 | 53 | 61 | 56 | 53 | 61 | 56 | 53 | 60 | 56 | 53 | 51 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 161676 |
| 5° | 157693 |
| 10° | 144175 |
| 15° | 122362 |
| 20° | 96865 |
| 25° | 73262 |
| 30° | 53350 |
| 35° | 36085 |
| 40° | 22156 |
| 45° | 12714 |
| 50° | 7676 |
| 55° | 6232 |
| 60° | 5438 |
| 65° | 4825 |
| 70° | 3975 |
| 75° | 3897 |
| 80° | 3915 |
| 85° | 3774 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12714 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 66.2 | 13.2 |
| 10°-20° | 148.6 | 29.5 |
| 20°-30° | 139.0 | 27.6 |
| 30°-40° | 85.1 | 16.9 |
| 40°-50° | 33.5 | 6.7 |
| 50°-60° | 14.8 | 2.9 |
| 60°-70° | 9.2 | 1.8 |
| 70°-80° | 4.9 | 1.0 |
| 80°-90° | 1.7 | 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° | 353.8 | 70.3 |
| 0°-40° | 438.9 | 87.3 |
| 0°-60° | 487.2 | 96.9 |
| 0°-90° | 503.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 503.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 737 | |
| 5° | 716 | 66 |
| 15° | 539 | 149 |
| 25° | 303 | 139 |
| 35° | 135 | 85 |
| 45° | 41 | 34 |
| 55° | 16 | 15 |
| 65° | 9 | 9 |
| 75° | 5 | 5 |
| 85° | 2 | 2 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 737.3 |
| 1° | 738.1 |
| 2° | 735.8 |
| 3° | 731.1 |
| 4° | 724.1 |
| 5° | 716.4 |
| 6° | 706.3 |
| 7° | 694.7 |
| 8° | 680.8 |
| 9° | 665.3 |
| 10° | 647.5 |
| 11° | 628.9 |
| 12° | 608.7 |
| 13° | 587.1 |
| 14° | 563.1 |
| 15° | 539.0 |
| 17.5° | 477.1 |
| 20° | 415.1 |
| 22.5° | 355.5 |
| 25° | 302.8 |
| 27.5° | 254.0 |
| 30° | 210.7 |
| 32.5° | 170.4 |
| 35° | 134.8 |
| 37.5° | 103.0 |
| 40° | 77.4 |
| 42.5° | 55.8 |
| 45° | 41.0 |
| 47.5° | 29.4 |
| 50° | 22.5 |
| 52.5° | 18.6 |
| 55° | 16.3 |
| 57.5° | 13.9 |
| 60° | 12.4 |
| 62.5° | 10.8 |
| 65° | 9.3 |
| 67.5° | 7.7 |
| 70° | 6.2 |
| 72.5° | 5.4 |
| 75° | 4.6 |
| 77.5° | 3.9 |
| 80° | 3.1 |
| 82.5° | 2.3 |
| 85° | 1.5 |
| 87.5° | 0.8 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)