

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: P1299411

Luminaire Tested: P3AS17R15W2N902765DE010 E3DLP1H_6500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299411
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R15W2N902765DE010 E3DLP1H_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 6500K CCT AND, 90CRI ,
E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

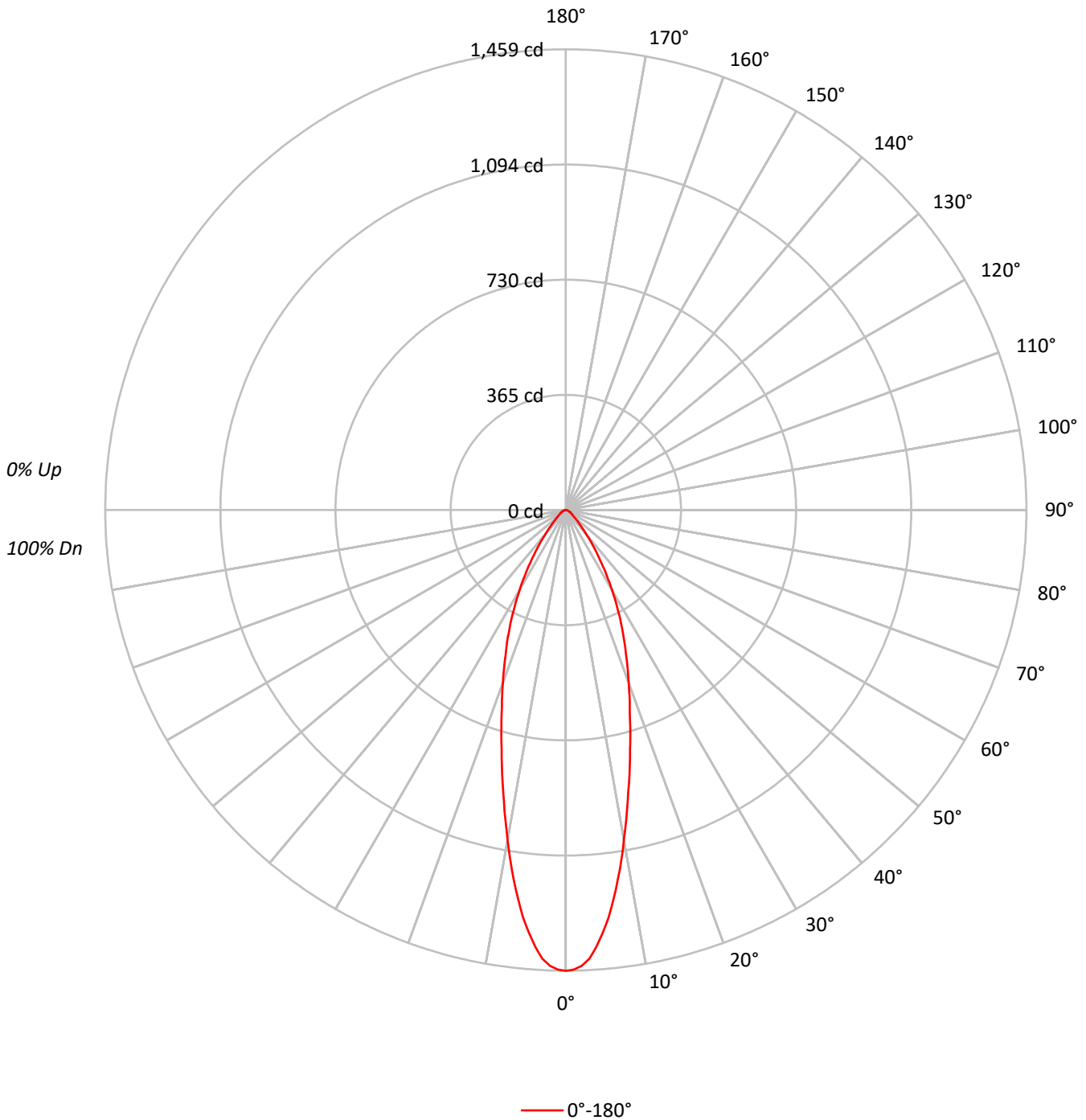
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 742.0 lumens
Efficiency: N/A
Efficacy: 38.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
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 | 100 | 100 |
| 1 | 113 | 110 | 108 | 106 | 111 | 108 | 106 | 104 | 104 | 102 | 101 | 100 | 99 | 98 | 97 | 96 | 95 | 93 | 93 | 93 | 93 |
| 2 | 108 | 103 | 98 | 95 | 105 | 101 | 97 | 94 | 98 | 95 | 92 | 95 | 92 | 90 | 92 | 90 | 88 | 86 | 86 | 86 | 86 |
| 3 | 102 | 96 | 91 | 87 | 100 | 94 | 90 | 86 | 92 | 88 | 85 | 89 | 86 | 83 | 87 | 84 | 82 | 80 | 80 | 80 | 80 |
| 4 | 97 | 90 | 84 | 80 | 95 | 88 | 83 | 79 | 86 | 82 | 78 | 84 | 81 | 78 | 82 | 79 | 77 | 75 | 75 | 75 | 75 |
| 5 | 93 | 84 | 78 | 74 | 91 | 83 | 78 | 74 | 81 | 77 | 73 | 80 | 76 | 72 | 78 | 75 | 72 | 70 | 70 | 70 | 70 |
| 6 | 88 | 79 | 73 | 69 | 87 | 79 | 73 | 69 | 77 | 72 | 69 | 76 | 71 | 68 | 74 | 71 | 68 | 66 | 66 | 66 | 66 |
| 7 | 84 | 75 | 69 | 65 | 83 | 74 | 69 | 65 | 73 | 68 | 64 | 72 | 67 | 64 | 71 | 67 | 64 | 62 | 62 | 62 | 62 |
| 8 | 80 | 71 | 65 | 61 | 79 | 71 | 65 | 61 | 69 | 64 | 61 | 68 | 64 | 61 | 67 | 63 | 60 | 59 | 59 | 59 | 59 |
| 9 | 77 | 68 | 62 | 58 | 76 | 67 | 62 | 58 | 66 | 61 | 58 | 65 | 61 | 57 | 64 | 60 | 57 | 56 | 56 | 56 | 56 |
| 10 | 74 | 64 | 59 | 55 | 73 | 64 | 59 | 55 | 63 | 58 | 55 | 62 | 58 | 55 | 62 | 57 | 54 | 53 | 53 | 53 | 53 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 319974 |
| 5° | 295729 |
| 10° | 236090 |
| 15° | 178344 |
| 20° | 135812 |
| 25° | 103482 |
| 30° | 74138 |
| 35° | 48372 |
| 40° | 29656 |
| 45° | 17924 |
| 50° | 11906 |
| 55° | 9214 |
| 60° | 7938 |
| 65° | 6901 |
| 70° | 6155 |
| 75° | 6100 |
| 80° | 4546 |
| 85° | 3019 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17924 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 119.0 | 16.0 |
| 10°-20° | 219.6 | 29.6 |
| 20°-30° | 195.5 | 26.3 |
| 30°-40° | 115.7 | 15.6 |
| 40°-50° | 47.4 | 6.4 |
| 50°-60° | 22.3 | 3.0 |
| 60°-70° | 13.6 | 1.8 |
| 70°-80° | 7.1 | 1.0 |
| 80°-90° | 1.8 | 0.2 |
| 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° | 534.1 | 72.0 |
| 0°-40° | 649.7 | 87.6 |
| 0°-60° | 719.5 | 97.0 |
| 0°-90° | 742.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 742.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1459 | |
| 5° | 1344 | 119 |
| 15° | 786 | 220 |
| 25° | 428 | 195 |
| 35° | 181 | 116 |
| 45° | 58 | 47 |
| 55° | 24 | 22 |
| 65° | 13 | 14 |
| 75° | 7 | 7 |
| 85° | 1 | 2 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1459.2 |
| 1° | 1455.6 |
| 2° | 1444.7 |
| 3° | 1423.0 |
| 4° | 1386.9 |
| 5° | 1343.5 |
| 6° | 1296.5 |
| 7° | 1241.1 |
| 8° | 1183.2 |
| 9° | 1124.2 |
| 10° | 1060.3 |
| 12.5° | 914.5 |
| 15° | 785.6 |
| 17.5° | 674.8 |
| 20° | 582.0 |
| 22.5° | 500.0 |
| 25° | 427.7 |
| 27.5° | 357.9 |
| 30° | 292.8 |
| 32.5° | 233.8 |
| 35° | 180.7 |
| 37.5° | 138.6 |
| 40° | 103.6 |
| 42.5° | 77.1 |
| 45° | 57.8 |
| 47.5° | 44.6 |
| 50° | 34.9 |
| 52.5° | 28.9 |
| 55° | 24.1 |
| 57.5° | 20.5 |
| 60° | 18.1 |
| 62.5° | 15.7 |
| 65° | 13.3 |
| 67.5° | 12.0 |
| 70° | 9.6 |
| 72.5° | 8.4 |
| 75° | 7.2 |
| 77.5° | 4.8 |
| 80° | 3.6 |
| 82.5° | 2.4 |
| 85° | 1.2 |
| 87.5° | 1.2 |
| 90° | 0.0 |

(END OF REPORT)