

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: P1301318

Luminaire Tested: P3AS17R45W2N902765DE010 E3DLP1H_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301318
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R45W2N902765DE010 E3DLP1H_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 3500K CCT AND, 90CRI ,
E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

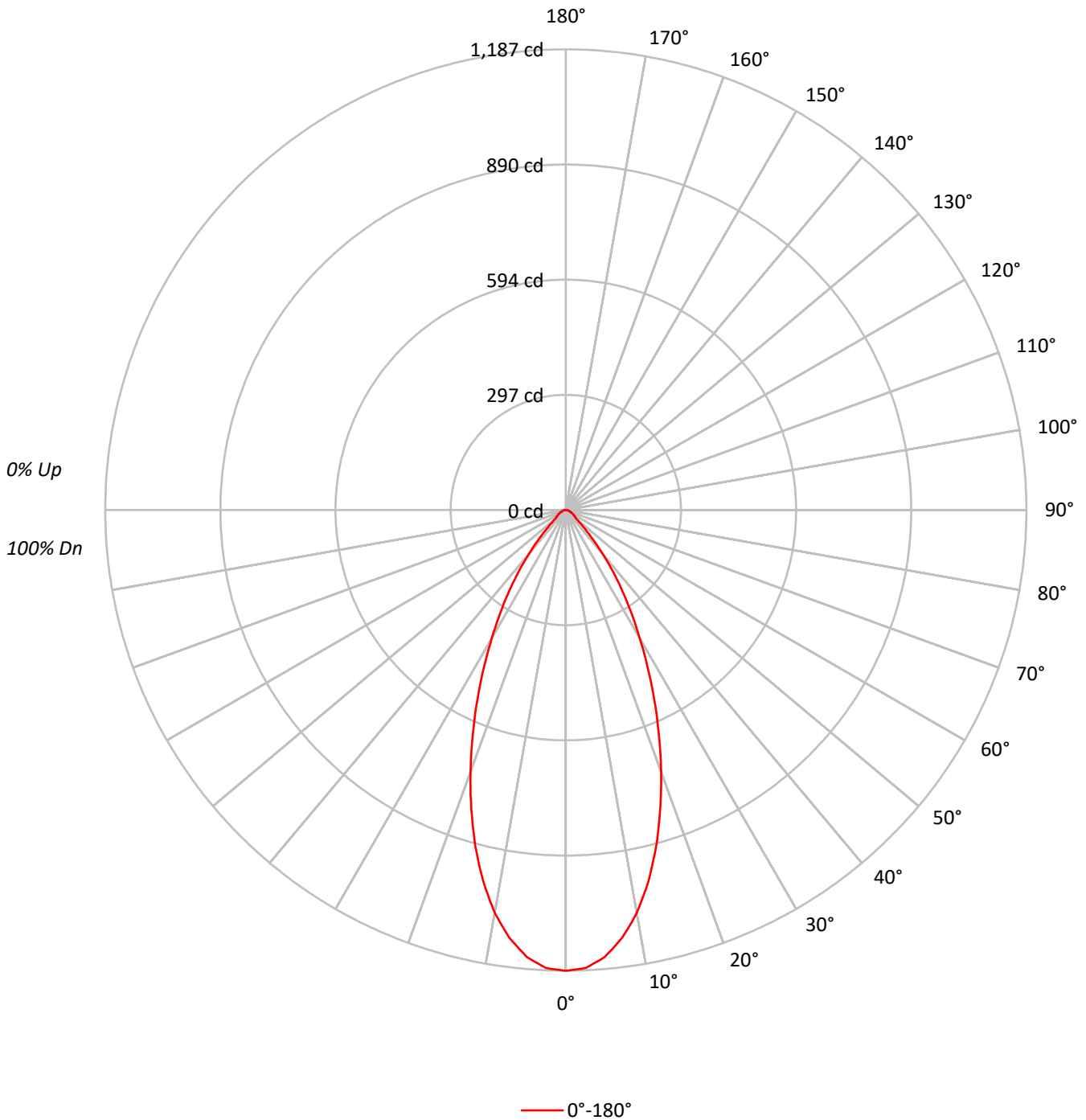
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 874.0 lumens
Efficiency: N/A
Efficacy: 45.1 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
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 | | | |
| 1 | 113 | 110 | 107 | 105 | 111 | 108 | 106 | 103 | 104 | 102 | 100 | 100 | 99 | 97 | 97 | 96 | 94 | 93 | | | |
| 2 | 107 | 102 | 98 | 94 | 105 | 100 | 96 | 93 | 97 | 94 | 91 | 94 | 91 | 89 | 91 | 89 | 87 | 86 | | | |
| 3 | 102 | 95 | 90 | 85 | 100 | 93 | 89 | 85 | 91 | 87 | 83 | 88 | 85 | 82 | 86 | 83 | 81 | 79 | | | |
| 4 | 96 | 88 | 83 | 78 | 94 | 87 | 82 | 78 | 85 | 81 | 77 | 83 | 79 | 76 | 81 | 78 | 75 | 74 | | | |
| 5 | 91 | 83 | 77 | 72 | 90 | 82 | 76 | 72 | 80 | 75 | 71 | 78 | 74 | 71 | 77 | 73 | 70 | 69 | | | |
| 6 | 87 | 78 | 72 | 67 | 85 | 77 | 71 | 67 | 75 | 70 | 66 | 74 | 69 | 66 | 73 | 69 | 66 | 64 | | | |
| 7 | 83 | 73 | 67 | 63 | 81 | 72 | 67 | 63 | 71 | 66 | 62 | 70 | 65 | 62 | 69 | 65 | 61 | 60 | | | |
| 8 | 79 | 69 | 63 | 59 | 77 | 68 | 63 | 59 | 67 | 62 | 58 | 66 | 62 | 58 | 65 | 61 | 58 | 56 | | | |
| 9 | 75 | 65 | 59 | 55 | 74 | 65 | 59 | 55 | 64 | 59 | 55 | 63 | 58 | 55 | 62 | 58 | 55 | 53 | | | |
| 10 | 72 | 62 | 56 | 52 | 71 | 61 | 56 | 52 | 61 | 55 | 52 | 60 | 55 | 52 | 59 | 55 | 52 | 50 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 260330 |
| 5° | 254391 |
| 10° | 234665 |
| 15° | 204065 |
| 20° | 167641 |
| 25° | 130435 |
| 30° | 96319 |
| 35° | 67780 |
| 40° | 42308 |
| 45° | 22917 |
| 50° | 12383 |
| 55° | 10666 |
| 60° | 9561 |
| 65° | 8146 |
| 70° | 6988 |
| 75° | 7202 |
| 80° | 6061 |
| 85° | 6038 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 22917 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 107.0 | 12.2 |
| 10°-20° | 248.5 | 28.4 |
| 20°-30° | 246.7 | 28.2 |
| 30°-40° | 158.9 | 18.2 |
| 40°-50° | 61.2 | 7.0 |
| 50°-60° | 24.9 | 2.8 |
| 60°-70° | 15.7 | 1.8 |
| 70°-80° | 8.5 | 1.0 |
| 80°-90° | 2.6 | 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° | 602.2 | 68.9 |
| 0°-40° | 761.1 | 87.1 |
| 0°-60° | 847.2 | 96.9 |
| 0°-90° | 874.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 874.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1187 | |
| 5° | 1156 | 107 |
| 15° | 899 | 248 |
| 25° | 539 | 247 |
| 35° | 253 | 159 |
| 45° | 74 | 61 |
| 55° | 28 | 25 |
| 65° | 16 | 16 |
| 75° | 8 | 8 |
| 85° | 2 | 3 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1187.2 |
| 2.5° | 1181.1 |
| 5° | 1155.7 |
| 7.5° | 1112.1 |
| 10° | 1053.9 |
| 12.5° | 981.3 |
| 15° | 898.9 |
| 17.5° | 809.2 |
| 20° | 718.4 |
| 22.5° | 626.3 |
| 25° | 539.1 |
| 27.5° | 456.7 |
| 30° | 380.4 |
| 32.5° | 313.8 |
| 35° | 253.2 |
| 37.5° | 198.7 |
| 40° | 147.8 |
| 42.5° | 106.6 |
| 45° | 73.9 |
| 47.5° | 49.7 |
| 50° | 36.3 |
| 52.5° | 30.3 |
| 55° | 27.9 |
| 57.5° | 24.2 |
| 60° | 21.8 |
| 62.5° | 18.2 |
| 65° | 15.7 |
| 67.5° | 13.3 |
| 70° | 10.9 |
| 72.5° | 9.7 |
| 75° | 8.5 |
| 77.5° | 6.1 |
| 80° | 4.8 |
| 82.5° | 3.6 |
| 85° | 2.4 |
| 87.5° | 1.2 |
| 90° | 0.0 |

(END OF REPORT)