

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: P1300720

Luminaire Tested: P3AS17R35W2N902765DE010 E3DLP1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300720
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: P3AS17R35W2N902765DE010 E3DLP1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

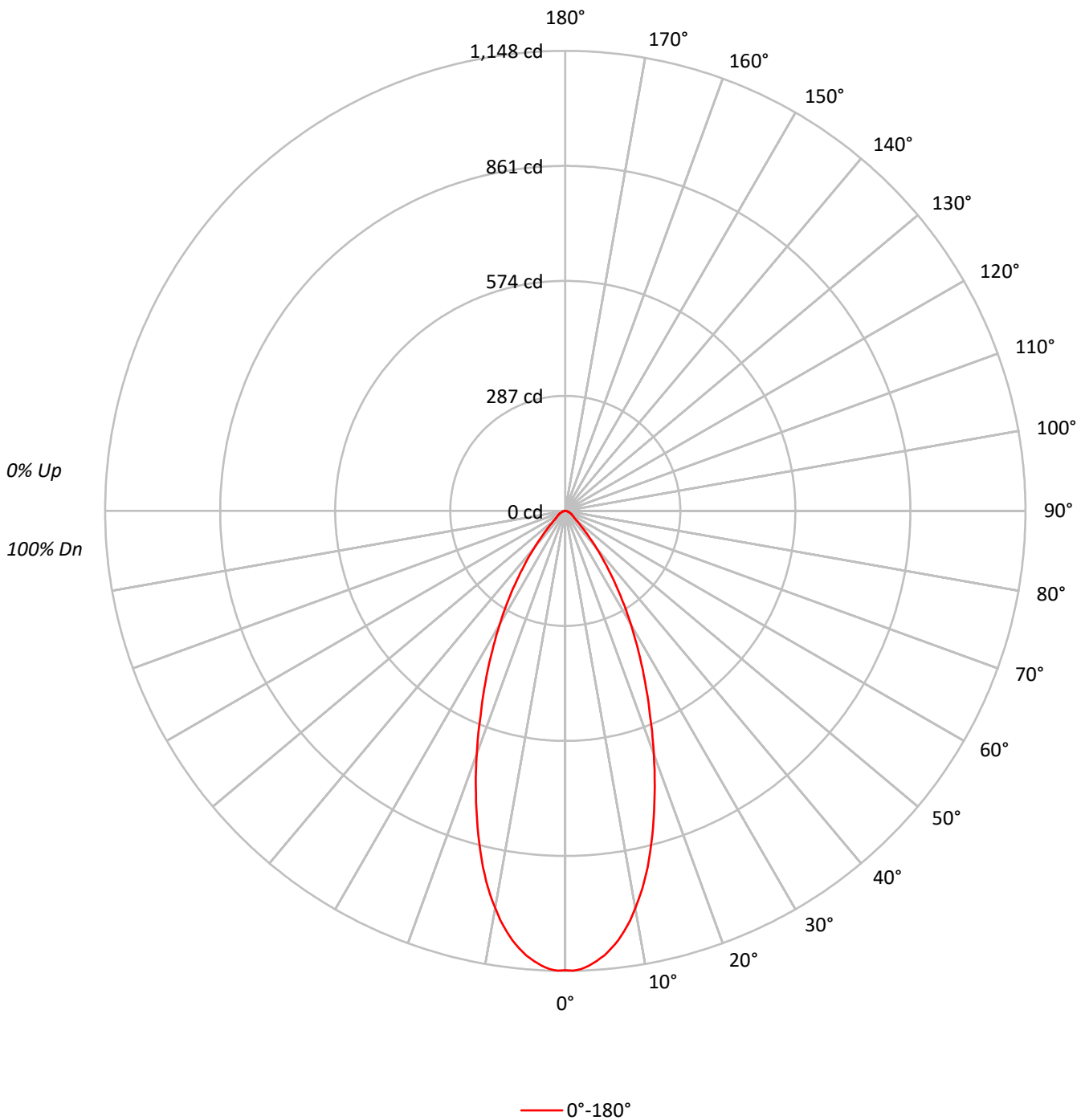
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 782.0 lumens
Efficiency: N/A
Efficacy: 40.3 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): 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 | | 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° | 251361 |
| 5° | 245168 |
| 10° | 224133 |
| 15° | 190239 |
| 20° | 150606 |
| 25° | 113910 |
| 30° | 82924 |
| 35° | 56082 |
| 40° | 34465 |
| 45° | 19785 |
| 50° | 11906 |
| 55° | 9672 |
| 60° | 8464 |
| 65° | 7472 |
| 70° | 6155 |
| 75° | 6100 |
| 80° | 6061 |
| 85° | 6038 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19785 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 102.9 | 13.2 |
| 10°-20° | 231.0 | 29.5 |
| 20°-30° | 216.1 | 27.6 |
| 30°-40° | 132.3 | 16.9 |
| 40°-50° | 52.1 | 6.7 |
| 50°-60° | 23.0 | 2.9 |
| 60°-70° | 14.3 | 1.8 |
| 70°-80° | 7.6 | 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° | 550.1 | 70.3 |
| 0°-40° | 682.4 | 87.3 |
| 0°-60° | 757.5 | 96.9 |
| 0°-90° | 782.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 782.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1146 | |
| 5° | 1114 | 103 |
| 15° | 838 | 231 |
| 25° | 471 | 216 |
| 35° | 210 | 132 |
| 45° | 64 | 52 |
| 55° | 25 | 23 |
| 65° | 14 | 14 |
| 75° | 7 | 8 |
| 85° | 2 | 3 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1146.3 |
| 1° | 1147.5 |
| 2° | 1143.9 |
| 3° | 1136.6 |
| 4° | 1125.8 |
| 5° | 1113.8 |
| 6° | 1098.1 |
| 7° | 1080.1 |
| 8° | 1058.4 |
| 9° | 1034.3 |
| 10° | 1006.6 |
| 11° | 977.7 |
| 12° | 946.4 |
| 13° | 912.7 |
| 14° | 875.4 |
| 15° | 838.0 |
| 17.5° | 741.7 |
| 20° | 645.4 |
| 22.5° | 552.7 |
| 25° | 470.8 |
| 27.5° | 394.9 |
| 30° | 327.5 |
| 32.5° | 264.9 |
| 35° | 209.5 |
| 37.5° | 160.1 |
| 40° | 120.4 |
| 42.5° | 86.7 |
| 45° | 63.8 |
| 47.5° | 45.8 |
| 50° | 34.9 |
| 52.5° | 28.9 |
| 55° | 25.3 |
| 57.5° | 21.7 |
| 60° | 19.3 |
| 62.5° | 16.9 |
| 65° | 14.4 |
| 67.5° | 12.0 |
| 70° | 9.6 |
| 72.5° | 8.4 |
| 75° | 7.2 |
| 77.5° | 6.0 |
| 80° | 4.8 |
| 82.5° | 3.6 |
| 85° | 2.4 |
| 87.5° | 1.2 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)