

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: P1262879

Luminaire Tested: P3AS13R659727DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262879
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R659727DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

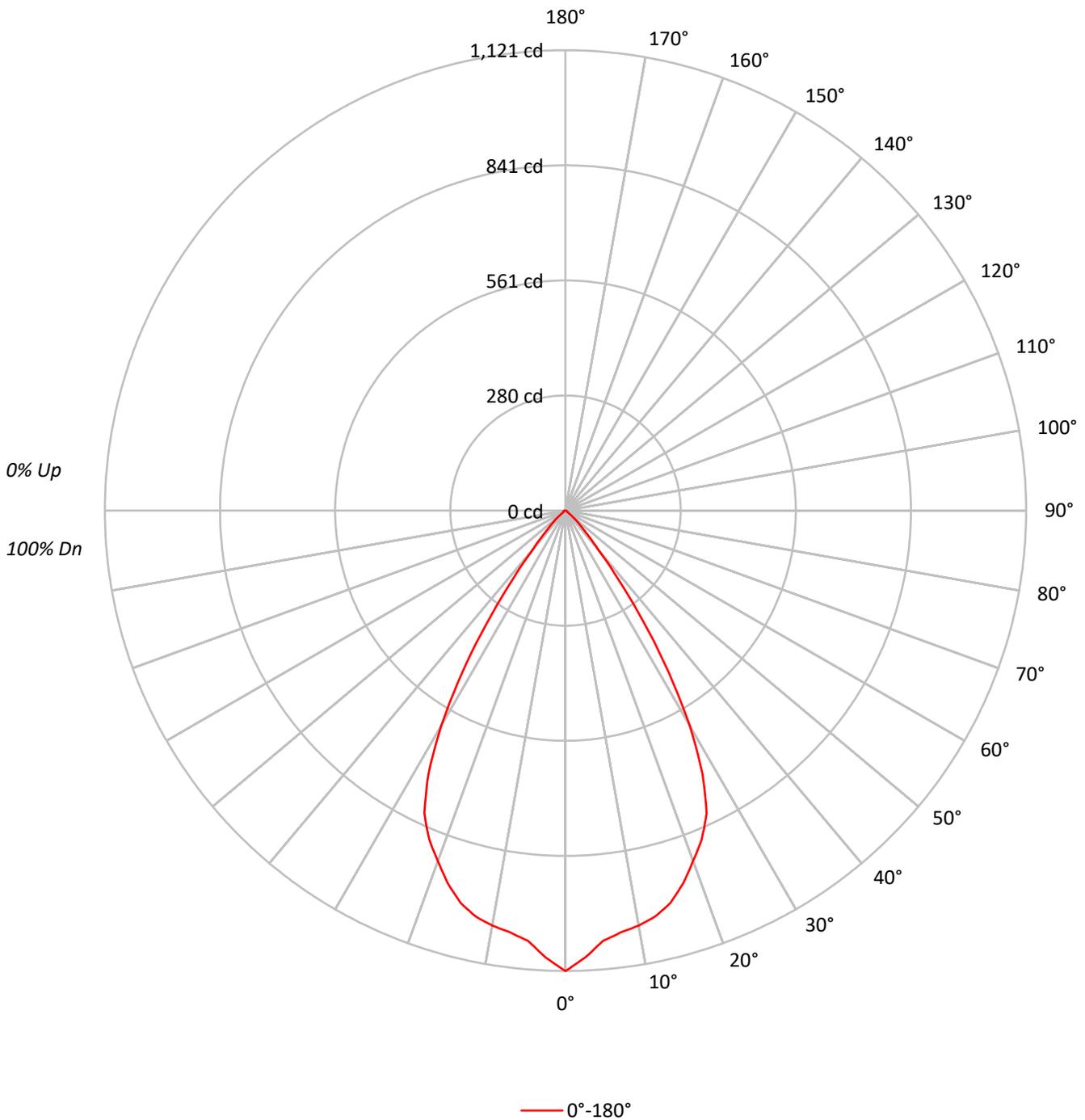
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1006.0 lumens
Efficiency: N/A
Efficacy: 68.9 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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 | 114 | 111 | 108 | 106 | 111 | 109 | 106 | 104 | 105 | 103 | 101 | 101 | 99 | 98 | 97 | 96 | 95 | 94 | 94 | 94 | 94 |
| 2 | 108 | 103 | 99 | 96 | 106 | 101 | 98 | 95 | 98 | 95 | 93 | 95 | 93 | 91 | 92 | 90 | 89 | 87 | 87 | 87 | 87 |
| 3 | 103 | 96 | 91 | 87 | 101 | 95 | 90 | 87 | 92 | 88 | 85 | 90 | 87 | 84 | 88 | 85 | 83 | 81 | 81 | 81 | 81 |
| 4 | 97 | 90 | 84 | 80 | 96 | 89 | 84 | 80 | 87 | 82 | 79 | 85 | 81 | 78 | 83 | 80 | 77 | 75 | 75 | 75 | 75 |
| 5 | 93 | 84 | 78 | 74 | 91 | 83 | 78 | 74 | 82 | 77 | 73 | 80 | 76 | 73 | 78 | 75 | 72 | 70 | 70 | 70 | 70 |
| 6 | 88 | 79 | 73 | 69 | 86 | 78 | 73 | 69 | 77 | 72 | 68 | 75 | 71 | 68 | 74 | 70 | 67 | 66 | 66 | 66 | 66 |
| 7 | 84 | 74 | 68 | 64 | 82 | 74 | 68 | 64 | 72 | 67 | 64 | 71 | 67 | 63 | 70 | 66 | 63 | 62 | 62 | 62 | 62 |
| 8 | 80 | 70 | 64 | 60 | 78 | 69 | 64 | 60 | 68 | 63 | 60 | 67 | 63 | 59 | 66 | 62 | 59 | 58 | 58 | 58 | 58 |
| 9 | 76 | 66 | 60 | 56 | 75 | 66 | 60 | 56 | 65 | 60 | 56 | 64 | 59 | 56 | 63 | 59 | 56 | 54 | 54 | 54 | 54 |
| 10 | 72 | 63 | 57 | 53 | 71 | 62 | 57 | 53 | 61 | 56 | 53 | 60 | 56 | 53 | 60 | 55 | 52 | 51 | 51 | 51 | 51 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 245836 |
| 5° | 231388 |
| 10° | 228430 |
| 15° | 224405 |
| 20° | 211885 |
| 25° | 196657 |
| 30° | 152859 |
| 35° | 88419 |
| 40° | 35638 |
| 45° | 16405 |
| 50° | 6379 |
| 55° | 2485 |
| 60° | 2149 |
| 65° | 2127 |
| 70° | 2116 |
| 75° | 2033 |
| 80° | 2020 |
| 85° | 2013 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16405 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 99.9 | 9.9 |
| 10°-20° | 276.0 | 27.4 |
| 20°-30° | 361.4 | 35.9 |
| 30°-40° | 209.3 | 20.8 |
| 40°-50° | 44.8 | 4.5 |
| 50°-60° | 7.3 | 0.7 |
| 60°-70° | 4.1 | 0.4 |
| 70°-80° | 2.3 | 0.2 |
| 80°-90° | 0.9 | 0.1 |
| 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° | 737.3 | 73.3 |
| 0°-40° | 946.6 | 94.1 |
| 0°-60° | 998.7 | 99.3 |
| 0°-90° | 1006.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1006.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1121 | |
| 5° | 1051 | 100 |
| 15° | 988 | 276 |
| 25° | 813 | 361 |
| 35° | 330 | 209 |
| 45° | 53 | 45 |
| 55° | 6 | 7 |
| 65° | 4 | 4 |
| 75° | 2 | 2 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|--------|
| 0° | 1121.1 |
| 2.5° | 1089.4 |
| 5° | 1051.2 |
| 7.5° | 1035.7 |
| 10° | 1025.9 |
| 12.5° | 1012.1 |
| 15° | 988.5 |
| 17.5° | 951.9 |
| 20° | 908.0 |
| 22.5° | 866.5 |
| 25° | 812.8 |
| 27.5° | 722.5 |
| 30° | 603.7 |
| 32.5° | 467.8 |
| 35° | 330.3 |
| 37.5° | 209.1 |
| 40° | 124.5 |
| 42.5° | 78.1 |
| 45° | 52.9 |
| 47.5° | 34.2 |
| 50° | 18.7 |
| 52.5° | 8.9 |
| 55° | 6.5 |
| 57.5° | 5.7 |
| 60° | 4.9 |
| 62.5° | 4.9 |
| 65° | 4.1 |
| 67.5° | 3.3 |
| 70° | 3.3 |
| 72.5° | 2.4 |
| 75° | 2.4 |
| 77.5° | 1.6 |
| 80° | 1.6 |
| 82.5° | 0.8 |
| 85° | 0.8 |
| 87.5° | 0.8 |
| 90° | 0.0 |

(END OF REPORT)