

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: P1298026

Luminaire Tested: P3AS13R55W2N902765DE010 E3CB1MMS_6500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298026
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R55W2N902765DE010 E3CB1MMS_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 6500K CCT AND, 90CRI ,
E3CB1MMS TRIM
Light Source: -
Ballast/Driver: -

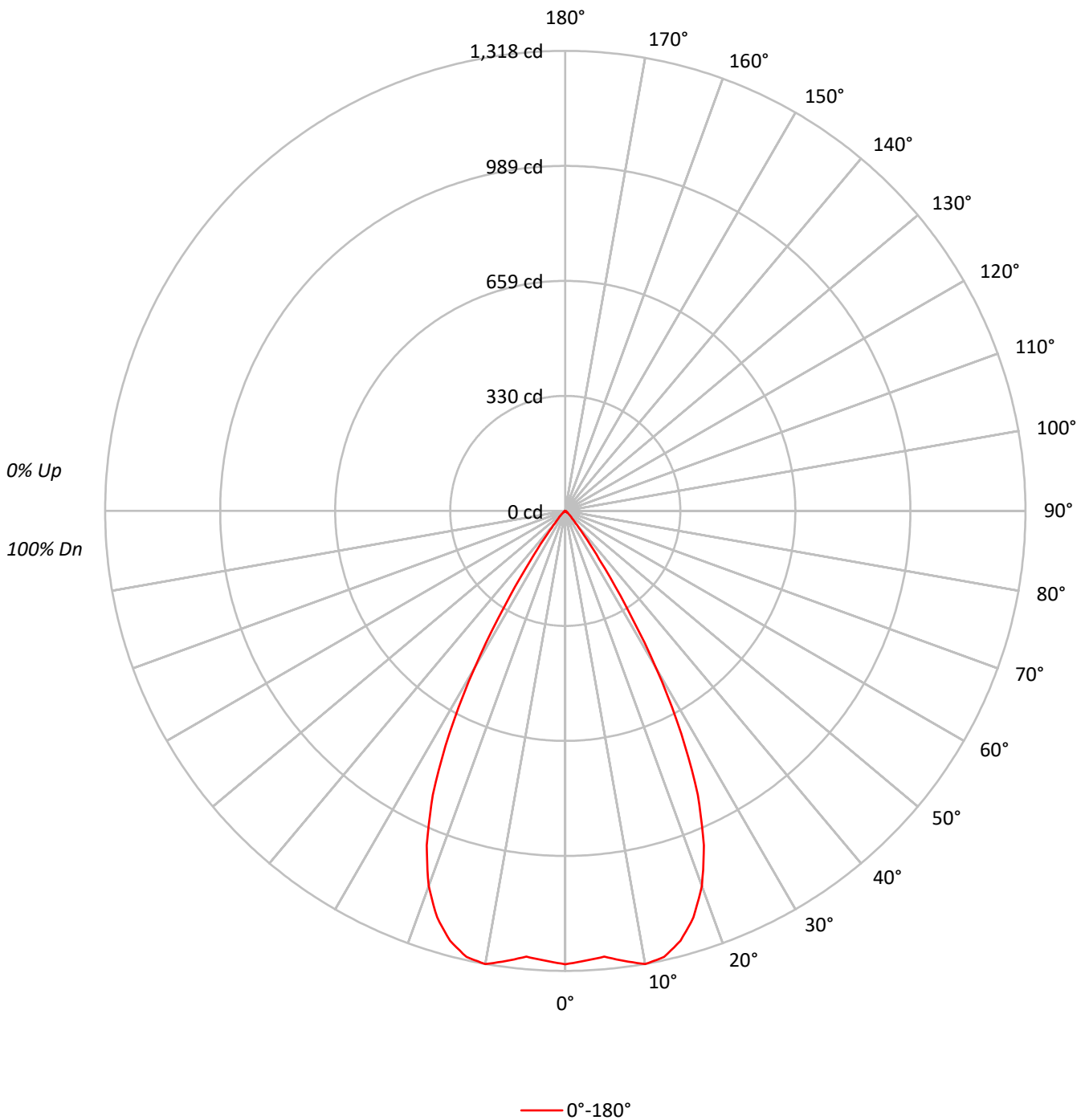
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1026.9 lumens
Efficiency: N/A
Efficacy: 83.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82
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 |
| RCR | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | |
| 1 | 114 | 111 | 109 | 107 | 112 | 109 | 107 | 105 | 105 | 104 | 102 | 101 | 100 | 99 | 98 | 97 | 96 | 94 | | |
| 2 | 109 | 104 | 101 | 98 | 107 | 103 | 99 | 96 | 100 | 97 | 94 | 97 | 94 | 92 | 94 | 92 | 90 | 89 | | |
| 3 | 104 | 98 | 94 | 90 | 102 | 97 | 93 | 89 | 94 | 91 | 88 | 92 | 89 | 86 | 90 | 87 | 85 | 84 | | |
| 4 | 99 | 92 | 87 | 84 | 98 | 91 | 87 | 83 | 89 | 85 | 82 | 87 | 84 | 81 | 86 | 83 | 80 | 79 | | |
| 5 | 95 | 87 | 82 | 78 | 93 | 86 | 81 | 78 | 85 | 80 | 77 | 83 | 79 | 76 | 82 | 78 | 76 | 74 | | |
| 6 | 91 | 83 | 77 | 73 | 89 | 82 | 77 | 73 | 80 | 76 | 72 | 79 | 75 | 72 | 78 | 74 | 72 | 70 | | |
| 7 | 87 | 78 | 73 | 69 | 85 | 78 | 72 | 69 | 76 | 72 | 68 | 75 | 71 | 68 | 74 | 70 | 68 | 66 | | |
| 8 | 83 | 74 | 69 | 65 | 82 | 74 | 69 | 65 | 73 | 68 | 65 | 72 | 67 | 64 | 71 | 67 | 64 | 63 | | |
| 9 | 79 | 71 | 65 | 61 | 78 | 70 | 65 | 61 | 69 | 64 | 61 | 68 | 64 | 61 | 68 | 64 | 61 | 60 | | |
| 10 | 76 | 67 | 62 | 58 | 75 | 67 | 62 | 58 | 66 | 61 | 58 | 65 | 61 | 58 | 65 | 61 | 58 | 57 | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 284846 |
| 5° | 282192 |
| 10° | 293537 |
| 15° | 289468 |
| 20° | 266933 |
| 25° | 217174 |
| 30° | 131919 |
| 35° | 45668 |
| 40° | 13024 |
| 45° | 6233 |
| 50° | 2627 |
| 55° | 1185 |
| 60° | 1360 |
| 65° | 1193 |
| 70° | 962 |
| 75° | 1271 |
| 80° | 1010 |
| 85° | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6233 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 123.9 | 12.1 |
| 10°-20° | 354.4 | 34.5 |
| 20°-30° | 395.1 | 38.5 |
| 30°-40° | 129.2 | 12.6 |
| 40°-50° | 17.0 | 1.7 |
| 50°-60° | 3.6 | 0.4 |
| 60°-70° | 2.1 | 0.2 |
| 70°-80° | 1.3 | 0.1 |
| 80°-90° | 0.3 | 0.0 |
| 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° | 873.4 | 85.0 |
| 0°-40° | 1002.6 | 97.6 |
| 0°-60° | 1023.2 | 99.6 |
| 0°-90° | 1026.9 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1026.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1299 | |
| 5° | 1282 | 124 |
| 15° | 1275 | 354 |
| 25° | 898 | 395 |
| 35° | 171 | 129 |
| 45° | 20 | 17 |
| 55° | 3 | 4 |
| 65° | 2 | 2 |
| 75° | 2 | 1 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|--------|
| 0° | 1299.0 |
| 2.5° | 1289.7 |
| 5° | 1282.0 |
| 7.5° | 1300.5 |
| 10° | 1318.3 |
| 12.5° | 1309.0 |
| 15° | 1275.1 |
| 17.5° | 1221.0 |
| 20° | 1143.9 |
| 22.5° | 1037.3 |
| 25° | 897.6 |
| 27.5° | 720.1 |
| 30° | 521.0 |
| 32.5° | 319.5 |
| 35° | 170.6 |
| 37.5° | 86.4 |
| 40° | 45.5 |
| 42.5° | 29.3 |
| 45° | 20.1 |
| 47.5° | 13.9 |
| 50° | 7.7 |
| 52.5° | 4.6 |
| 55° | 3.1 |
| 57.5° | 3.1 |
| 60° | 3.1 |
| 62.5° | 2.3 |
| 65° | 2.3 |
| 67.5° | 1.5 |
| 70° | 1.5 |
| 72.5° | 1.5 |
| 75° | 1.5 |
| 77.5° | 0.8 |
| 80° | 0.8 |
| 82.5° | 0.8 |
| 85° | 0.0 |
| 87.5° | 0.0 |
| 90° | 0.0 |

(END OF REPORT)