

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: P1282841

Luminaire Tested: P3AS09R25B2750DE010 E3CB1MMS_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282841
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R25B2750DE010 E3CB1MMS_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3CB1MMS TRIM
Light Source: -
Ballast/Driver: -

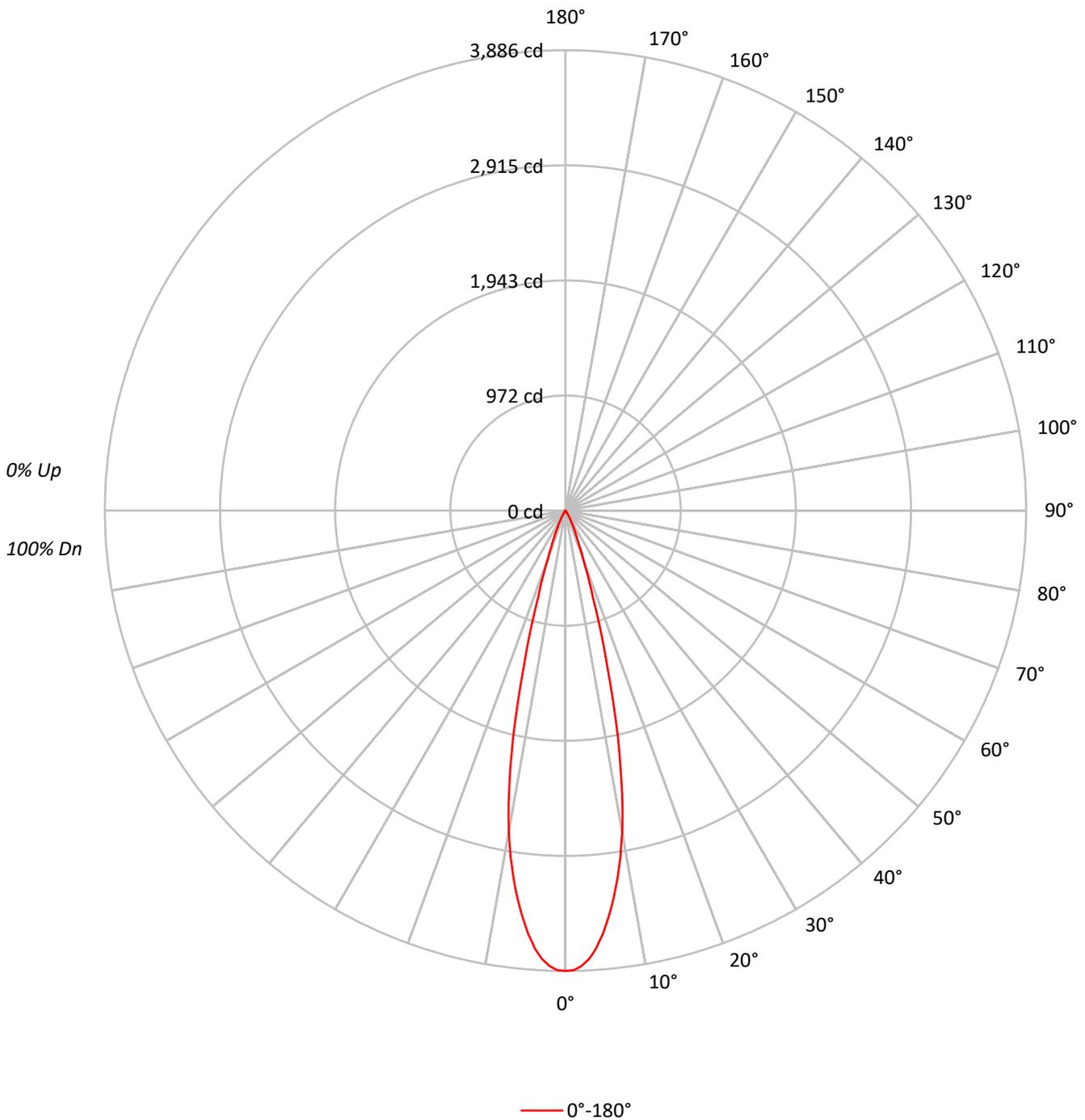
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 797.0 lumens
Efficiency: N/A
Efficacy: 60.8 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
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 | 99 | 99 | 100 |
| 1 | 115 | 113 | 111 | 110 | 113 | 111 | 109 | 108 | 107 | 106 | 105 | 103 | 103 | 102 | 100 | 99 | 99 | 97 | 97 | 97 | 97 |
| 2 | 112 | 108 | 105 | 103 | 110 | 107 | 104 | 102 | 104 | 102 | 100 | 101 | 99 | 98 | 98 | 97 | 96 | 96 | 96 | 96 | 94 |
| 3 | 108 | 104 | 101 | 98 | 107 | 103 | 100 | 97 | 100 | 98 | 96 | 98 | 96 | 94 | 96 | 94 | 93 | 92 | 92 | 92 | 92 |
| 4 | 105 | 100 | 97 | 94 | 104 | 99 | 96 | 93 | 97 | 95 | 92 | 96 | 93 | 91 | 94 | 92 | 90 | 89 | 89 | 89 | 89 |
| 5 | 103 | 97 | 93 | 90 | 101 | 96 | 93 | 90 | 95 | 92 | 89 | 93 | 91 | 89 | 92 | 90 | 88 | 87 | 87 | 87 | 87 |
| 6 | 100 | 94 | 90 | 87 | 99 | 93 | 90 | 87 | 92 | 89 | 87 | 91 | 88 | 86 | 90 | 87 | 86 | 85 | 85 | 85 | 85 |
| 7 | 97 | 91 | 88 | 85 | 96 | 91 | 87 | 85 | 90 | 87 | 84 | 89 | 86 | 84 | 88 | 85 | 83 | 83 | 83 | 83 | 83 |
| 8 | 95 | 89 | 85 | 83 | 94 | 89 | 85 | 82 | 88 | 84 | 82 | 87 | 84 | 82 | 86 | 83 | 81 | 81 | 81 | 81 | 81 |
| 9 | 93 | 87 | 83 | 80 | 92 | 86 | 83 | 80 | 86 | 82 | 80 | 85 | 82 | 80 | 84 | 82 | 80 | 79 | 79 | 79 | 79 |
| 10 | 91 | 85 | 81 | 78 | 90 | 84 | 81 | 78 | 84 | 80 | 78 | 83 | 80 | 78 | 82 | 80 | 78 | 77 | 77 | 77 | 77 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 852103 |
| 5° | 790313 |
| 10° | 612903 |
| 15° | 307312 |
| 20° | 100972 |
| 25° | 40139 |
| 30° | 15066 |
| 35° | 4363 |
| 40° | 1975 |
| 45° | 775 |
| 50° | 648 |
| 55° | 497 |
| 60° | 570 |
| 65° | 675 |
| 70° | 385 |
| 75° | 508 |
| 80° | 758 |
| 85° | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 775 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 315.8 | 39.6 |
| 10°-20° | 376.8 | 47.3 |
| 20°-30° | 84.9 | 10.7 |
| 30°-40° | 13.8 | 1.7 |
| 40°-50° | 2.5 | 0.3 |
| 50°-60° | 1.4 | 0.2 |
| 60°-70° | 1.2 | 0.2 |
| 70°-80° | 0.6 | 0.1 |
| 80°-90° | 0.1 | 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° | 777.5 | 97.5 |
| 0°-40° | 791.3 | 99.3 |
| 0°-60° | 795.1 | 99.8 |
| 0°-90° | 797.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 797.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 3886 | |
| 5° | 3590 | 316 |
| 15° | 1354 | 377 |
| 25° | 166 | 85 |
| 35° | 16 | 14 |
| 45° | 2 | 3 |
| 55° | 1 | 1 |
| 65° | 1 | 1 |
| 75° | 1 | 1 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 3885.9 |
| 1° | 3879.7 |
| 2° | 3848.4 |
| 3° | 3790.8 |
| 4° | 3703.7 |
| 5° | 3590.4 |
| 6° | 3455.1 |
| 7° | 3308.6 |
| 8° | 3140.8 |
| 9° | 2957.3 |
| 10° | 2752.6 |
| 11° | 2516.5 |
| 12° | 2244.8 |
| 13° | 1960.5 |
| 14° | 1655.6 |
| 15° | 1353.7 |
| 17.5° | 771.4 |
| 20° | 432.7 |
| 22.5° | 261.1 |
| 25° | 165.9 |
| 27.5° | 102.1 |
| 30° | 59.5 |
| 32.5° | 31.3 |
| 35° | 16.3 |
| 37.5° | 10.6 |
| 40° | 6.9 |
| 42.5° | 4.4 |
| 45° | 2.5 |
| 47.5° | 1.9 |
| 50° | 1.9 |
| 52.5° | 1.9 |
| 55° | 1.3 |
| 57.5° | 1.3 |
| 60° | 1.3 |
| 62.5° | 1.3 |
| 65° | 1.3 |
| 67.5° | 1.3 |
| 70° | 0.6 |
| 72.5° | 0.6 |
| 75° | 0.6 |
| 77.5° | 0.6 |
| 80° | 0.6 |
| 82.5° | 0.0 |
| 85° | 0.0 |
| 87.5° | 0.0 |



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)