

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: P1296544

Luminaire Tested: P3AS13R30W2N902765DE010 E3DL1MW_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296544
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R30W2N902765DE010 E3DL1MW_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 90CRI ,
E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

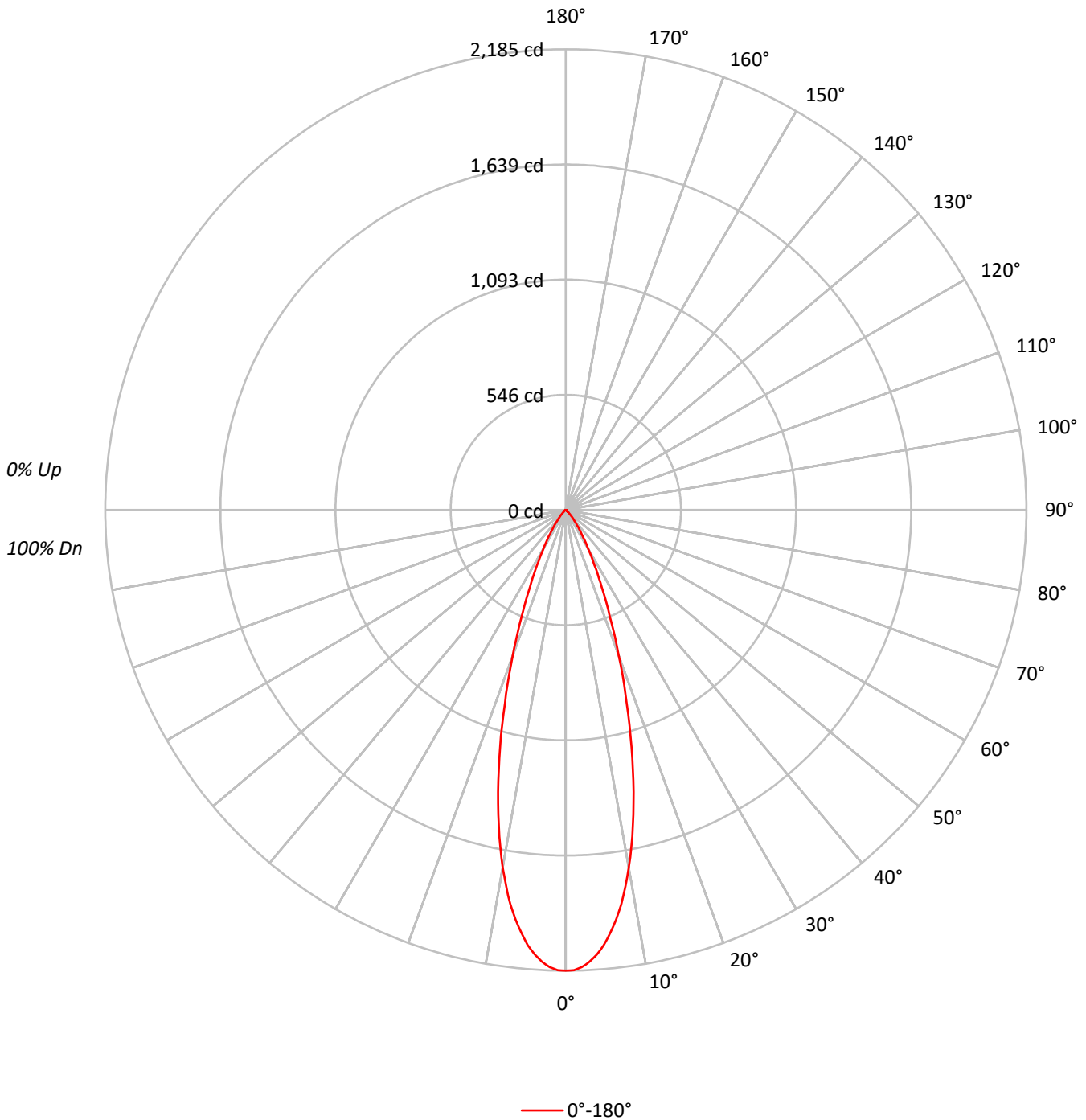
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 821.0 lumens
Efficiency: N/A
Efficacy: 66.7 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 102 | 102 | 100 |
| 1 | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 97 | 97 | 97 | 95 |
| 2 | 110 | 105 | 102 | 99 | 107 | 104 | 101 | 98 | 101 | 98 | 96 | 98 | 96 | 94 | 95 | 93 | 92 | 92 | 92 | 92 | 90 |
| 3 | 105 | 100 | 96 | 92 | 103 | 98 | 95 | 91 | 96 | 93 | 90 | 94 | 91 | 89 | 91 | 89 | 87 | 87 | 87 | 87 | 86 |
| 4 | 101 | 95 | 90 | 87 | 99 | 94 | 89 | 86 | 92 | 88 | 85 | 90 | 87 | 84 | 88 | 85 | 83 | 83 | 83 | 83 | 82 |
| 5 | 97 | 90 | 85 | 82 | 96 | 89 | 85 | 81 | 88 | 84 | 81 | 86 | 83 | 80 | 85 | 82 | 79 | 79 | 79 | 79 | 78 |
| 6 | 94 | 86 | 81 | 78 | 92 | 85 | 81 | 77 | 84 | 80 | 77 | 83 | 79 | 76 | 81 | 78 | 76 | 76 | 76 | 76 | 75 |
| 7 | 90 | 82 | 77 | 74 | 89 | 82 | 77 | 74 | 81 | 76 | 73 | 80 | 76 | 73 | 78 | 75 | 73 | 73 | 73 | 73 | 71 |
| 8 | 87 | 79 | 74 | 71 | 86 | 79 | 74 | 71 | 78 | 73 | 70 | 77 | 73 | 70 | 76 | 72 | 70 | 70 | 70 | 70 | 69 |
| 9 | 84 | 76 | 71 | 68 | 83 | 75 | 71 | 68 | 75 | 70 | 67 | 74 | 70 | 67 | 73 | 70 | 67 | 67 | 67 | 67 | 66 |
| 10 | 81 | 73 | 68 | 65 | 80 | 73 | 68 | 65 | 72 | 68 | 65 | 71 | 67 | 65 | 71 | 67 | 65 | 65 | 65 | 65 | 63 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 479084 |
| 5° | 455975 |
| 10° | 383538 |
| 15° | 276596 |
| 20° | 171562 |
| 25° | 97578 |
| 30° | 54211 |
| 35° | 29473 |
| 40° | 15543 |
| 45° | 8404 |
| 50° | 4503 |
| 55° | 2982 |
| 60° | 2719 |
| 65° | 2802 |
| 70° | 2500 |
| 75° | 1949 |
| 80° | 2020 |
| 85° | 2013 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8404 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 186.5 | 22.7 |
| 10°-20° | 331.6 | 40.4 |
| 20°-30° | 191.6 | 23.3 |
| 30°-40° | 72.7 | 8.9 |
| 40°-50° | 22.3 | 2.7 |
| 50°-60° | 7.5 | 0.9 |
| 60°-70° | 5.1 | 0.6 |
| 70°-80° | 2.8 | 0.3 |
| 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° | 709.7 | 86.4 |
| 0°-40° | 782.5 | 95.3 |
| 0°-60° | 812.3 | 98.9 |
| 0°-90° | 821.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 821.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 2185 | |
| 5° | 2072 | 187 |
| 15° | 1218 | 332 |
| 25° | 403 | 192 |
| 35° | 110 | 73 |
| 45° | 27 | 22 |
| 55° | 8 | 8 |
| 65° | 5 | 5 |
| 75° | 2 | 3 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 2184.8 |
| 1° | 2183.2 |
| 2° | 2170.0 |
| 3° | 2145.2 |
| 4° | 2114.2 |
| 5° | 2071.5 |
| 6° | 2017.3 |
| 7° | 1956.8 |
| 8° | 1889.3 |
| 9° | 1808.6 |
| 10° | 1722.5 |
| 11° | 1629.5 |
| 12° | 1531.0 |
| 13° | 1427.8 |
| 14° | 1323.1 |
| 15° | 1218.4 |
| 17.5° | 960.9 |
| 20° | 735.2 |
| 22.5° | 545.2 |
| 25° | 403.3 |
| 27.5° | 293.2 |
| 30° | 214.1 |
| 32.5° | 154.3 |
| 35° | 110.1 |
| 37.5° | 76.8 |
| 40° | 54.3 |
| 42.5° | 38.0 |
| 45° | 27.1 |
| 47.5° | 18.6 |
| 50° | 13.2 |
| 52.5° | 9.3 |
| 55° | 7.8 |
| 57.5° | 7.0 |
| 60° | 6.2 |
| 62.5° | 5.4 |
| 65° | 5.4 |
| 67.5° | 4.7 |
| 70° | 3.9 |
| 72.5° | 3.1 |
| 75° | 2.3 |
| 77.5° | 2.3 |
| 80° | 1.6 |
| 82.5° | 1.6 |
| 85° | 0.8 |
| 87.5° | 0.0 |



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)