

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: P1255807

Luminaire Tested: P3AS24R409035D010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255807
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R409035D010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

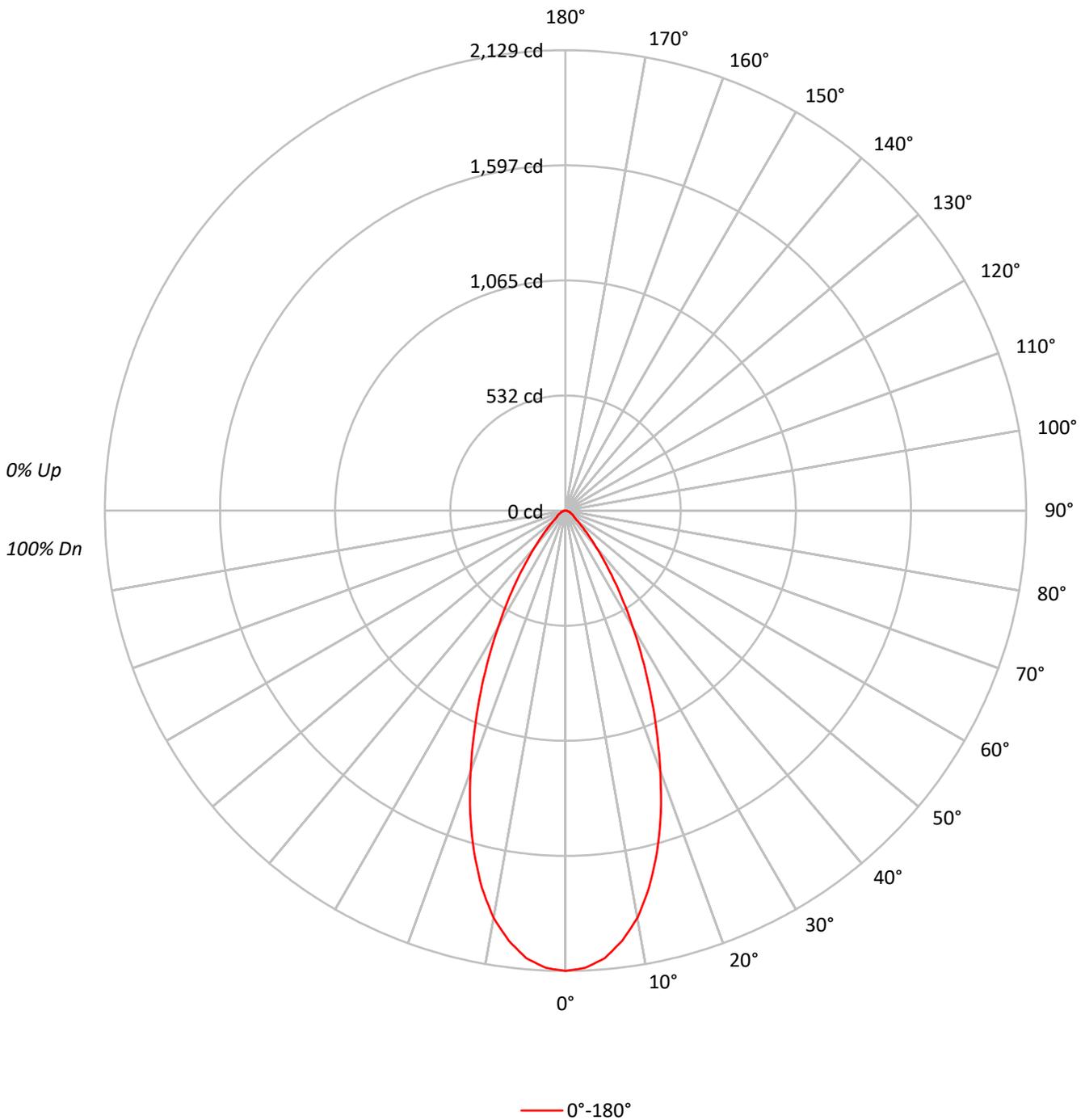
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1498.9 lumens
Efficiency: N/A
Efficacy: 52.0 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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 | | | | 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 | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 | 100 | 99 | 97 | 97 | 96 | 95 | 93 | 93 | 93 | 93 |
| 2 | 107 | 102 | 98 | 95 | 105 | 101 | 97 | 93 | 97 | 94 | 91 | 94 | 92 | 89 | 92 | 89 | 88 | 86 | 86 | 86 | 86 |
| 3 | 102 | 95 | 90 | 86 | 100 | 94 | 89 | 85 | 91 | 87 | 84 | 89 | 85 | 83 | 86 | 84 | 81 | 80 | 80 | 80 | 80 |
| 4 | 97 | 89 | 83 | 79 | 95 | 88 | 83 | 79 | 86 | 81 | 78 | 84 | 80 | 77 | 82 | 79 | 76 | 74 | 74 | 74 | 74 |
| 5 | 92 | 83 | 77 | 73 | 90 | 82 | 77 | 73 | 81 | 76 | 72 | 79 | 75 | 71 | 77 | 74 | 71 | 69 | 69 | 69 | 69 |
| 6 | 87 | 78 | 72 | 68 | 86 | 78 | 72 | 68 | 76 | 71 | 67 | 75 | 70 | 67 | 73 | 69 | 66 | 65 | 65 | 65 | 65 |
| 7 | 83 | 74 | 68 | 64 | 82 | 73 | 68 | 64 | 72 | 67 | 63 | 71 | 66 | 63 | 70 | 66 | 62 | 61 | 61 | 61 | 61 |
| 8 | 79 | 70 | 64 | 60 | 78 | 69 | 64 | 60 | 68 | 63 | 59 | 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 | 62 | 57 | 53 | 61 | 56 | 53 | 60 | 56 | 53 | 51 | 51 | 51 | 51 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 466761 |
| 5° | 457296 |
| 10° | 425777 |
| 15° | 371103 |
| 20° | 299066 |
| 25° | 224166 |
| 30° | 157594 |
| 35° | 103249 |
| 40° | 62517 |
| 45° | 37337 |
| 50° | 22276 |
| 55° | 17930 |
| 60° | 16095 |
| 65° | 13750 |
| 70° | 13079 |
| 75° | 10336 |
| 80° | 10355 |
| 85° | 10315 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 37337 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 192.9 | 12.9 |
| 10°-20° | 450.2 | 30.0 |
| 20°-30° | 424.3 | 28.3 |
| 30°-40° | 245.3 | 16.4 |
| 40°-50° | 97.8 | 6.5 |
| 50°-60° | 43.3 | 2.9 |
| 60°-70° | 26.7 | 1.8 |
| 70°-80° | 14.0 | 0.9 |
| 80°-90° | 4.4 | 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° | 1067.4 | 71.2 |
| 0°-40° | 1312.8 | 87.6 |
| 0°-60° | 1453.8 | 97.0 |
| 0°-90° | 1498.9 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1498.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 2129 | |
| 5° | 2078 | 193 |
| 15° | 1635 | 450 |
| 25° | 926 | 424 |
| 35° | 386 | 245 |
| 45° | 120 | 98 |
| 55° | 47 | 43 |
| 65° | 26 | 27 |
| 75° | 12 | 14 |
| 85° | 4 | 4 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|--------|
| 0° | 2128.6 |
| 2.5° | 2116.3 |
| 5° | 2077.5 |
| 7.5° | 2006.1 |
| 10° | 1912.2 |
| 12.5° | 1785.7 |
| 15° | 1634.7 |
| 17.5° | 1465.3 |
| 20° | 1281.6 |
| 22.5° | 1098.0 |
| 25° | 926.5 |
| 27.5° | 767.3 |
| 30° | 622.4 |
| 32.5° | 495.9 |
| 35° | 385.7 |
| 37.5° | 291.8 |
| 40° | 218.4 |
| 42.5° | 163.3 |
| 45° | 120.4 |
| 47.5° | 87.8 |
| 50° | 65.3 |
| 52.5° | 53.1 |
| 55° | 46.9 |
| 57.5° | 42.9 |
| 60° | 36.7 |
| 62.5° | 30.6 |
| 65° | 26.5 |
| 67.5° | 22.4 |
| 70° | 20.4 |
| 72.5° | 16.3 |
| 75° | 12.2 |
| 77.5° | 10.2 |
| 80° | 8.2 |
| 82.5° | 6.1 |
| 85° | 4.1 |
| 87.5° | 2.0 |
| 90° | 0.0 |

(END OF REPORT)