

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: P1250333

Luminaire Tested: P3AS24R309027D010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250333
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309027D010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

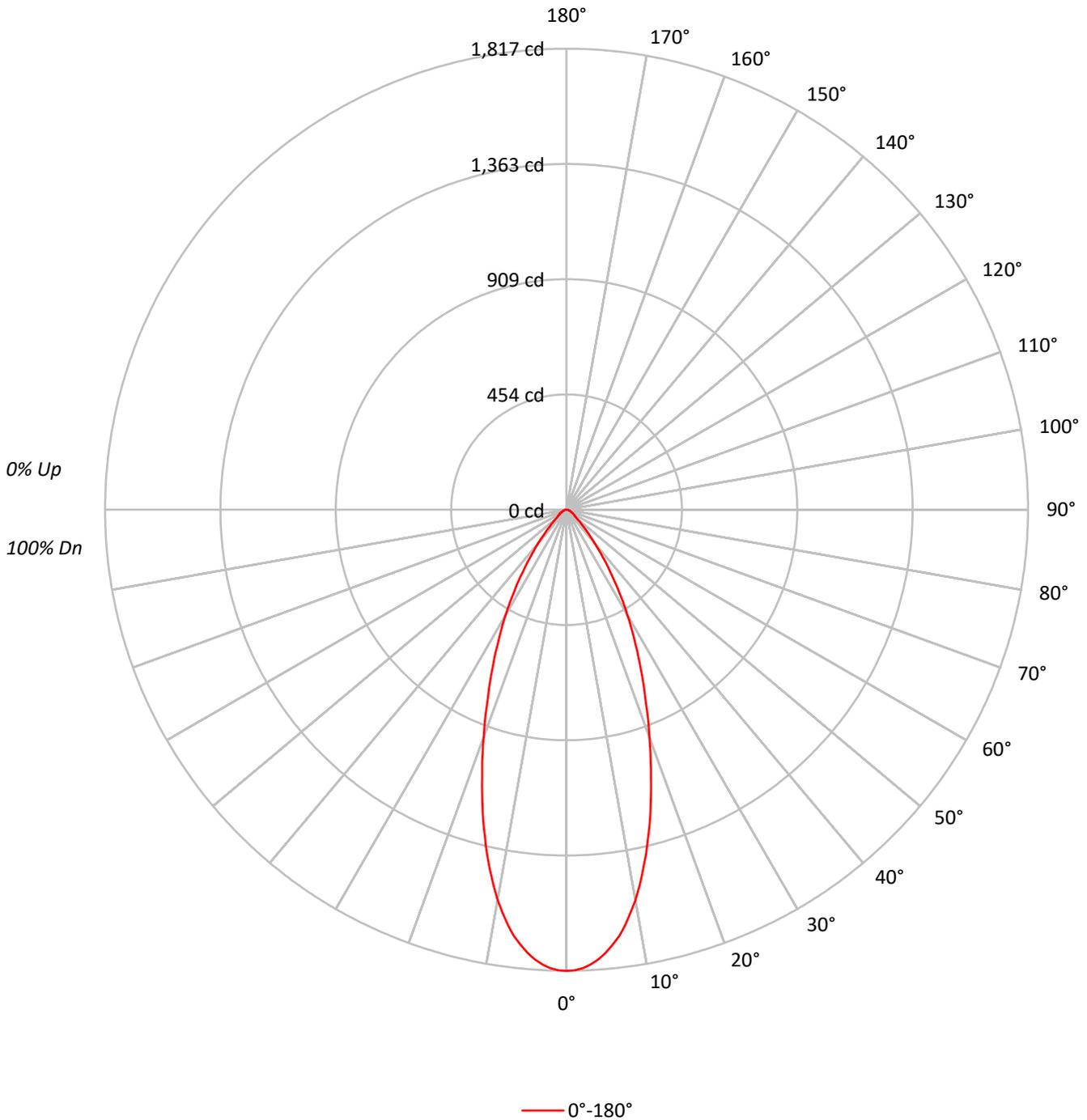
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1166.0 lumens
Efficiency: N/A
Efficacy: 40.5 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
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 | | | | |
| 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 | 94 | 97 | 94 | 92 | 94 | 92 | 90 | 92 | 90 | 88 | 86 | 86 | 86 | 86 |
| 3 | 102 | 95 | 90 | 86 | 100 | 94 | 89 | 85 | 91 | 87 | 84 | 89 | 86 | 83 | 87 | 84 | 82 | 80 | 80 | 80 | 80 |
| 4 | 97 | 89 | 84 | 79 | 95 | 88 | 83 | 79 | 86 | 81 | 78 | 84 | 80 | 77 | 82 | 79 | 76 | 74 | 74 | 74 | 74 |
| 5 | 92 | 84 | 78 | 73 | 90 | 83 | 77 | 73 | 81 | 76 | 72 | 79 | 75 | 72 | 78 | 74 | 71 | 70 | 70 | 70 | 70 |
| 6 | 88 | 79 | 73 | 68 | 86 | 78 | 72 | 68 | 76 | 71 | 68 | 75 | 71 | 67 | 74 | 70 | 67 | 65 | 65 | 65 | 65 |
| 7 | 83 | 74 | 68 | 64 | 82 | 74 | 68 | 64 | 72 | 67 | 63 | 71 | 67 | 63 | 70 | 66 | 63 | 61 | 61 | 61 | 61 |
| 8 | 80 | 70 | 64 | 60 | 78 | 70 | 64 | 60 | 69 | 63 | 60 | 67 | 63 | 60 | 67 | 62 | 59 | 58 | 58 | 58 | 58 |
| 9 | 76 | 67 | 61 | 57 | 75 | 66 | 60 | 57 | 65 | 60 | 56 | 64 | 60 | 56 | 63 | 59 | 56 | 55 | 55 | 55 | 55 |
| 10 | 73 | 63 | 58 | 54 | 72 | 63 | 57 | 54 | 62 | 57 | 54 | 61 | 57 | 53 | 61 | 56 | 53 | 52 | 52 | 52 | 52 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 398455 |
| 5° | 386043 |
| 10° | 347823 |
| 15° | 287720 |
| 20° | 222759 |
| 25° | 167114 |
| 30° | 121310 |
| 35° | 80816 |
| 40° | 49693 |
| 45° | 29150 |
| 50° | 17876 |
| 55° | 14528 |
| 60° | 12674 |
| 65° | 10325 |
| 70° | 9296 |
| 75° | 9150 |
| 80° | 6819 |
| 85° | 9057 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 29150 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 161.3 | 13.8 |
| 10°-20° | 349.1 | 29.9 |
| 20°-30° | 317.6 | 27.2 |
| 30°-40° | 192.0 | 16.5 |
| 40°-50° | 77.0 | 6.6 |
| 50°-60° | 34.1 | 2.9 |
| 60°-70° | 20.6 | 1.8 |
| 70°-80° | 11.2 | 1.0 |
| 80°-90° | 3.2 | 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° | 828.0 | 71.0 |
| 0°-40° | 1020.0 | 87.5 |
| 0°-60° | 1131.0 | 97.0 |
| 0°-90° | 1166.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1166.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1817 | |
| 5° | 1754 | 161 |
| 15° | 1267 | 349 |
| 25° | 691 | 318 |
| 35° | 302 | 192 |
| 45° | 94 | 77 |
| 55° | 38 | 34 |
| 65° | 20 | 21 |
| 75° | 11 | 11 |
| 85° | 4 | 3 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1817.1 |
| 1° | 1815.2 |
| 2° | 1808.0 |
| 3° | 1795.4 |
| 4° | 1777.3 |
| 5° | 1753.8 |
| 6° | 1724.8 |
| 7° | 1694.1 |
| 8° | 1654.3 |
| 9° | 1609.1 |
| 10° | 1562.1 |
| 11° | 1507.9 |
| 12° | 1450.0 |
| 13° | 1392.2 |
| 14° | 1328.9 |
| 15° | 1267.4 |
| 17.5° | 1106.5 |
| 20° | 954.6 |
| 22.5° | 813.6 |
| 25° | 690.7 |
| 27.5° | 578.6 |
| 30° | 479.1 |
| 32.5° | 386.9 |
| 35° | 301.9 |
| 37.5° | 231.4 |
| 40° | 173.6 |
| 42.5° | 126.6 |
| 45° | 94.0 |
| 47.5° | 70.5 |
| 50° | 52.4 |
| 52.5° | 41.6 |
| 55° | 38.0 |
| 57.5° | 32.5 |
| 60° | 28.9 |
| 62.5° | 23.5 |
| 65° | 19.9 |
| 67.5° | 18.1 |
| 70° | 14.5 |
| 72.5° | 12.7 |
| 75° | 10.8 |
| 77.5° | 9.0 |
| 80° | 5.4 |
| 82.5° | 3.6 |
| 85° | 3.6 |
| 87.5° | 1.8 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)