

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: P1263578

Luminaire Tested: P3AS20R609727D010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263578
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609727D010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

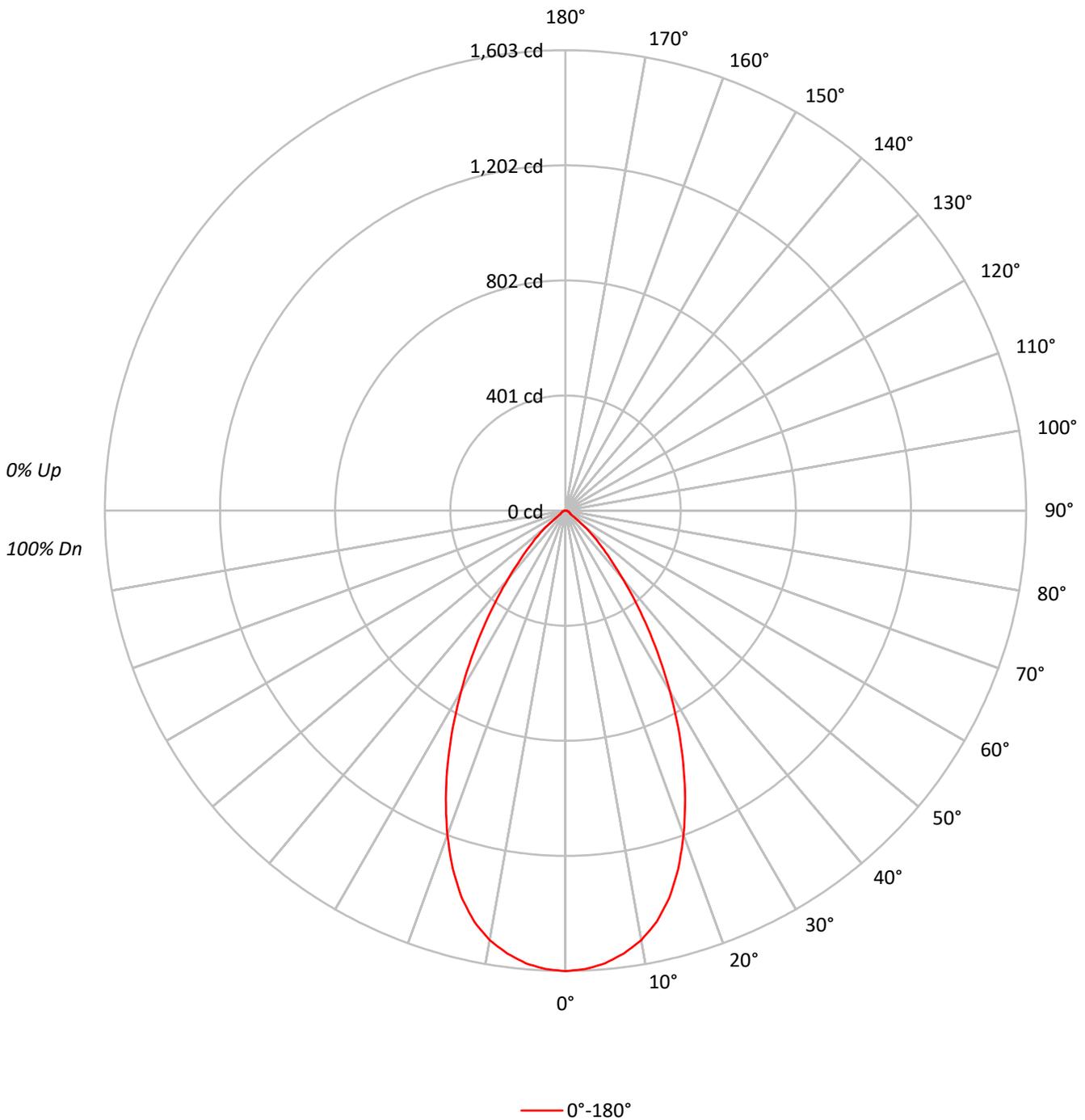
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1489.0 lumens
Efficiency: N/A
Efficacy: 51.7 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
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 |
| RCR | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | |
| 1 | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 103 | 104 | 102 | 100 | 100 | 99 | 97 | 97 | 96 | 94 | 93 | | |
| 2 | 107 | 102 | 98 | 94 | 105 | 100 | 96 | 93 | 97 | 94 | 91 | 94 | 91 | 89 | 91 | 89 | 87 | 85 | | |
| 3 | 101 | 95 | 89 | 85 | 99 | 93 | 88 | 84 | 91 | 86 | 83 | 88 | 85 | 82 | 86 | 83 | 80 | 79 | | |
| 4 | 96 | 88 | 82 | 78 | 94 | 87 | 81 | 77 | 85 | 80 | 76 | 83 | 79 | 75 | 81 | 77 | 75 | 73 | | |
| 5 | 91 | 82 | 76 | 71 | 89 | 81 | 75 | 71 | 79 | 74 | 70 | 78 | 73 | 70 | 76 | 72 | 69 | 68 | | |
| 6 | 86 | 77 | 70 | 66 | 84 | 76 | 70 | 66 | 74 | 69 | 65 | 73 | 68 | 65 | 72 | 68 | 64 | 63 | | |
| 7 | 82 | 72 | 66 | 61 | 80 | 71 | 65 | 61 | 70 | 65 | 61 | 69 | 64 | 60 | 68 | 63 | 60 | 59 | | |
| 8 | 77 | 68 | 61 | 57 | 76 | 67 | 61 | 57 | 66 | 60 | 57 | 65 | 60 | 56 | 64 | 59 | 56 | 55 | | |
| 9 | 74 | 64 | 57 | 53 | 72 | 63 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 60 | 56 | 53 | 51 | | |
| 10 | 70 | 60 | 54 | 50 | 69 | 60 | 54 | 50 | 59 | 53 | 50 | 58 | 53 | 50 | 57 | 53 | 49 | 48 | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 351595 |
| 5° | 348271 |
| 10° | 338114 |
| 15° | 316778 |
| 20° | 280374 |
| 25° | 234546 |
| 30° | 183826 |
| 35° | 133364 |
| 40° | 88709 |
| 45° | 55293 |
| 50° | 29918 |
| 55° | 8640 |
| 60° | 8070 |
| 65° | 7368 |
| 70° | 7245 |
| 75° | 7202 |
| 80° | 7198 |
| 85° | 7045 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 55293 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 149.0 | 10.0 |
| 10°-20° | 387.1 | 26.0 |
| 20°-30° | 441.3 | 29.6 |
| 30°-40° | 312.9 | 21.0 |
| 40°-50° | 142.0 | 9.5 |
| 50°-60° | 30.1 | 2.0 |
| 60°-70° | 14.5 | 1.0 |
| 70°-80° | 9.0 | 0.6 |
| 80°-90° | 3.1 | 0.2 |
| 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° | 977.4 | 65.6 |
| 0°-40° | 1290.3 | 86.7 |
| 0°-60° | 1462.4 | 98.2 |
| 0°-90° | 1489.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1489.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1603 | |
| 5° | 1582 | 149 |
| 15° | 1395 | 387 |
| 25° | 969 | 441 |
| 35° | 498 | 313 |
| 45° | 178 | 142 |
| 55° | 23 | 30 |
| 65° | 14 | 15 |
| 75° | 8 | 9 |
| 85° | 3 | 3 |
| 90° | 0 | |

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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|--------|
| 0° | 1603.4 |
| 2.5° | 1597.8 |
| 5° | 1582.2 |
| 7.5° | 1555.3 |
| 10° | 1518.5 |
| 12.5° | 1466.2 |
| 15° | 1395.4 |
| 17.5° | 1306.2 |
| 20° | 1201.5 |
| 22.5° | 1088.3 |
| 25° | 969.4 |
| 27.5° | 847.7 |
| 30° | 726.0 |
| 32.5° | 610.0 |
| 35° | 498.2 |
| 37.5° | 399.1 |
| 40° | 309.9 |
| 42.5° | 234.9 |
| 45° | 178.3 |
| 47.5° | 133.0 |
| 50° | 87.7 |
| 52.5° | 41.0 |
| 55° | 22.6 |
| 57.5° | 19.8 |
| 60° | 18.4 |
| 62.5° | 17.0 |
| 65° | 14.2 |
| 67.5° | 12.7 |
| 70° | 11.3 |
| 72.5° | 9.9 |
| 75° | 8.5 |
| 77.5° | 7.1 |
| 80° | 5.7 |
| 82.5° | 4.2 |
| 85° | 2.8 |
| 87.5° | 1.4 |
| 90° | 0.0 |

(END OF REPORT)