

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: P1253387

Luminaire Tested: P3AS02R159035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253387
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

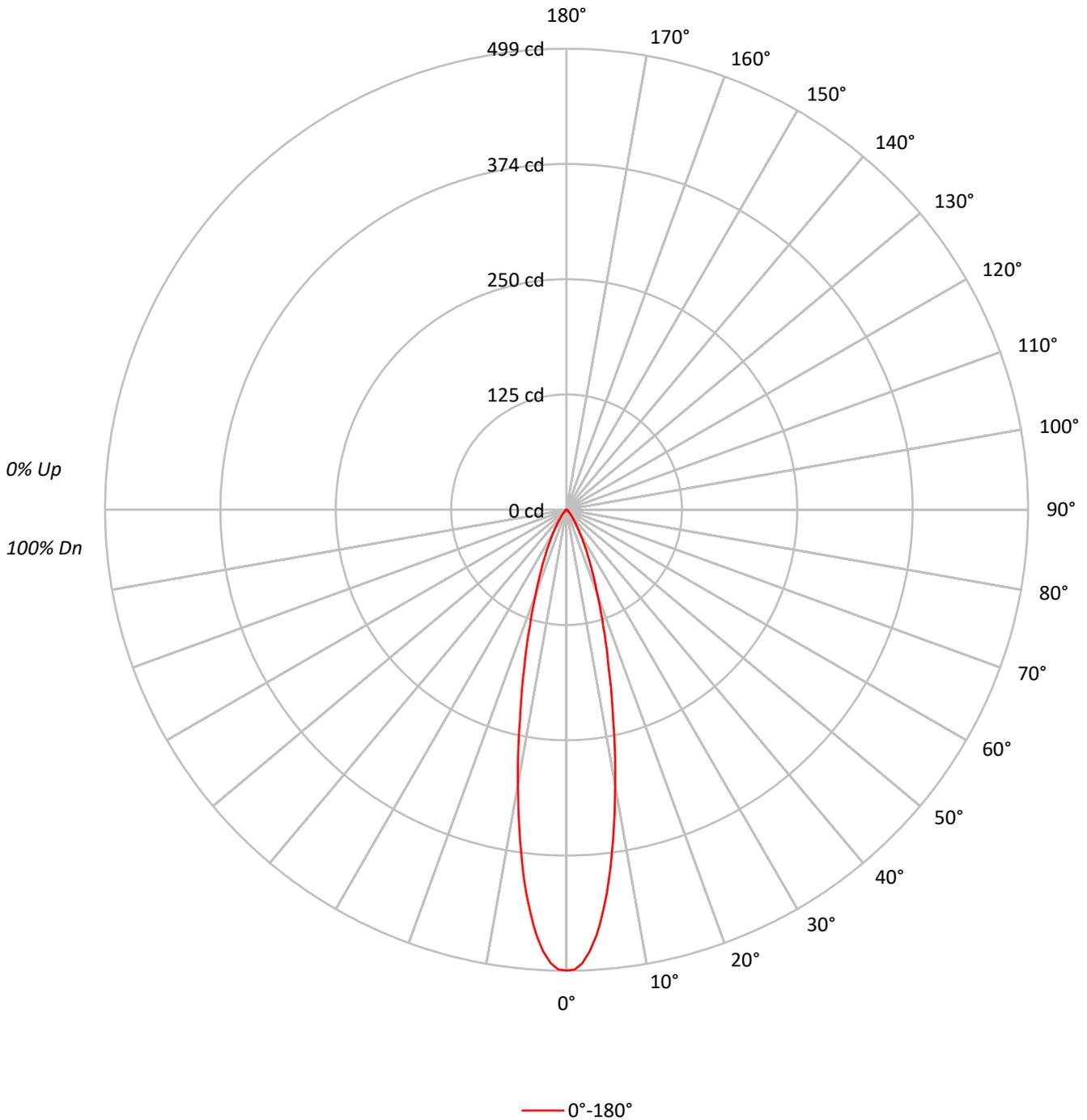
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 127.9 lumens
Efficiency: N/A
Efficacy: 35.5 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1253387
CATALOG NUMBER: P3AS02R159035DE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1253387

CATALOG NUMBER: P3AS02R159035DE010 E3DL1GPH

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 | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 95 | 95 | 95 | 95 |
| 2 | 110 | 106 | 103 | 100 | 108 | 104 | 101 | 99 | 101 | 99 | 97 | 98 | 96 | 95 | 96 | 94 | 93 | 91 | 91 | 91 | 91 |
| 3 | 106 | 101 | 97 | 93 | 104 | 99 | 96 | 93 | 97 | 94 | 91 | 95 | 92 | 90 | 92 | 90 | 88 | 87 | 87 | 87 | 87 |
| 4 | 102 | 96 | 92 | 88 | 100 | 95 | 91 | 88 | 93 | 89 | 87 | 91 | 88 | 86 | 89 | 87 | 85 | 83 | 83 | 83 | 83 |
| 5 | 98 | 92 | 87 | 84 | 97 | 91 | 87 | 83 | 89 | 86 | 83 | 88 | 84 | 82 | 86 | 84 | 81 | 80 | 80 | 80 | 80 |
| 6 | 95 | 88 | 83 | 80 | 94 | 87 | 83 | 80 | 86 | 82 | 79 | 85 | 81 | 79 | 83 | 80 | 78 | 77 | 77 | 77 | 77 |
| 7 | 92 | 85 | 80 | 77 | 91 | 84 | 80 | 76 | 83 | 79 | 76 | 82 | 78 | 76 | 81 | 78 | 75 | 74 | 74 | 74 | 74 |
| 8 | 89 | 81 | 77 | 74 | 88 | 81 | 77 | 73 | 80 | 76 | 73 | 79 | 76 | 73 | 78 | 75 | 73 | 72 | 72 | 72 | 72 |
| 9 | 86 | 79 | 74 | 71 | 85 | 78 | 74 | 71 | 77 | 73 | 71 | 77 | 73 | 70 | 76 | 73 | 70 | 69 | 69 | 69 | 69 |
| 10 | 84 | 76 | 71 | 69 | 83 | 76 | 71 | 68 | 75 | 71 | 68 | 74 | 71 | 68 | 74 | 70 | 68 | 67 | 67 | 67 | 67 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 109355 |
| 5° | 97050 |
| 10° | 67400 |
| 15° | 39864 |
| 20° | 22705 |
| 25° | 12968 |
| 30° | 7191 |
| 35° | 3828 |
| 40° | 2118 |
| 45° | 1147 |
| 50° | 716 |
| 55° | 573 |
| 60° | 482 |
| 65° | 467 |
| 70° | 385 |
| 75° | 424 |
| 80° | 253 |
| 85° | 252 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1147 cd/sqm



TEST NUMBER: P1253387

CATALOG NUMBER: P3AS02R159035DE010 E3DL1GPH

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 37.5 | 29.3 |
| 10°-20° | 49.5 | 38.7 |
| 20°-30° | 25.5 | 19.9 |
| 30°-40° | 9.6 | 7.5 |
| 40°-50° | 3.1 | 2.4 |
| 50°-60° | 1.3 | 1.0 |
| 60°-70° | 0.9 | 0.7 |
| 70°-80° | 0.5 | 0.4 |
| 80°-90° | 0.1 | 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° | 112.5 | 87.9 |
| 0°-40° | 122.0 | 95.4 |
| 0°-60° | 126.5 | 98.9 |
| 0°-90° | 127.9 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 127.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 499 | |
| 5° | 441 | 37 |
| 15° | 176 | 49 |
| 25° | 54 | 25 |
| 35° | 14 | 10 |
| 45° | 4 | 3 |
| 55° | 2 | 1 |
| 65° | 1 | 1 |
| 75° | 0 | 1 |
| 85° | 0 | 0 |
| 90° | 0 | |



TEST NUMBER: P1253387
CATALOG NUMBER: P3AS02R159035DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 498.7 |
| 1° | 497.7 |
| 2° | 491.1 |
| 3° | 478.7 |
| 4° | 462.3 |
| 5° | 440.9 |
| 6° | 416.8 |
| 7° | 390.3 |
| 8° | 360.8 |
| 9° | 331.7 |
| 10° | 302.7 |
| 12.5° | 232.9 |
| 15° | 175.6 |
| 17.5° | 131.4 |
| 20° | 97.3 |
| 22.5° | 72.6 |
| 25° | 53.6 |
| 27.5° | 39.1 |
| 30° | 28.4 |
| 32.5° | 20.1 |
| 35° | 14.3 |
| 37.5° | 10.2 |
| 40° | 7.4 |
| 42.5° | 5.3 |
| 45° | 3.7 |
| 47.5° | 2.7 |
| 50° | 2.1 |
| 52.5° | 1.7 |
| 55° | 1.5 |
| 57.5° | 1.2 |
| 60° | 1.1 |
| 62.5° | 1.0 |
| 65° | 0.9 |
| 67.5° | 0.7 |
| 70° | 0.6 |
| 72.5° | 0.6 |
| 75° | 0.5 |
| 77.5° | 0.4 |
| 80° | 0.2 |
| 82.5° | 0.2 |
| 85° | 0.1 |
| 87.5° | 0.0 |
| 90° | 0.0 |

(END OF REPORT)