

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: P1258267

Luminaire Tested: P3AS20R609040D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258267
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: P3AS20R609040D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

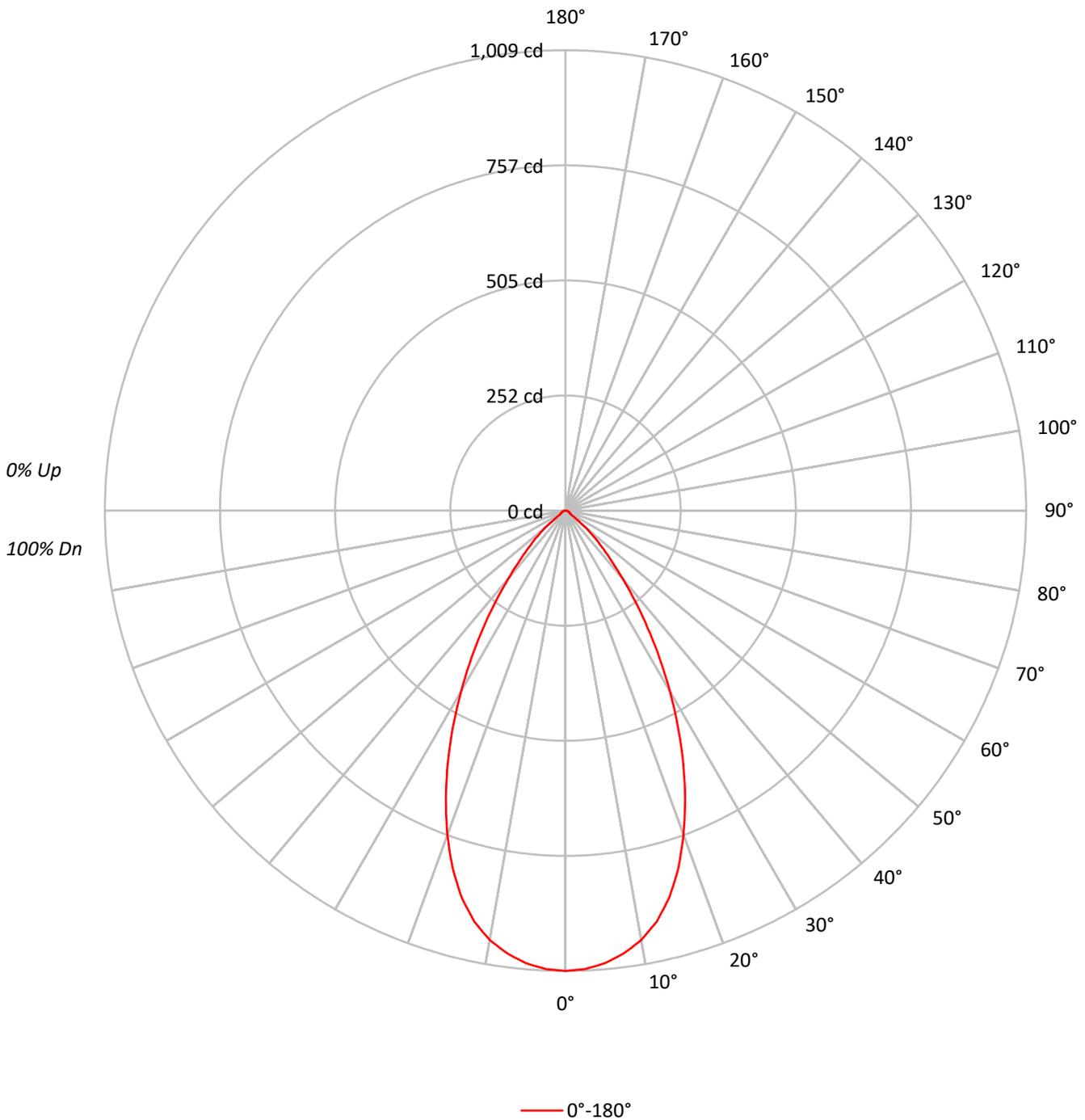
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 937.0 lumens
Efficiency: N/A
Efficacy: 32.5 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

TEST NUMBER: P1258267
CATALOG NUMBER: P3AS20R609040D010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1258267
 CATALOG NUMBER: P3AS20R609040D010 E3DL1GPH

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 |
| 1 | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 103 | 104 | 102 | 100 | 100 | 99 | 97 | 97 | 96 | 94 | 93 | | | 93 |
| 2 | 107 | 102 | 98 | 94 | 105 | 100 | 96 | 93 | 97 | 94 | 91 | 94 | 91 | 89 | 91 | 89 | 87 | 85 | | | 85 |
| 3 | 101 | 95 | 89 | 85 | 99 | 93 | 88 | 84 | 91 | 86 | 83 | 88 | 85 | 82 | 86 | 83 | 80 | 79 | | | 79 |
| 4 | 96 | 88 | 82 | 78 | 94 | 87 | 81 | 77 | 85 | 80 | 76 | 83 | 79 | 75 | 81 | 77 | 75 | 73 | | | 73 |
| 5 | 91 | 82 | 76 | 71 | 89 | 81 | 75 | 71 | 79 | 74 | 70 | 78 | 73 | 70 | 76 | 72 | 69 | 68 | | | 68 |
| 6 | 86 | 77 | 70 | 66 | 84 | 76 | 70 | 66 | 74 | 69 | 65 | 73 | 68 | 65 | 72 | 68 | 64 | 63 | | | 63 |
| 7 | 82 | 72 | 66 | 61 | 80 | 71 | 65 | 61 | 70 | 65 | 61 | 69 | 64 | 60 | 68 | 63 | 60 | 59 | | | 59 |
| 8 | 77 | 68 | 61 | 57 | 76 | 67 | 61 | 57 | 66 | 60 | 57 | 65 | 60 | 56 | 64 | 59 | 56 | 55 | | | 55 |
| 9 | 74 | 64 | 57 | 53 | 72 | 63 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 60 | 56 | 53 | 51 | | | 51 |
| 10 | 70 | 60 | 54 | 50 | 69 | 60 | 54 | 50 | 59 | 53 | 50 | 58 | 53 | 50 | 57 | 53 | 49 | 48 | | | 48 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 221254 |
| 5° | 219172 |
| 10° | 212777 |
| 15° | 199343 |
| 20° | 176439 |
| 25° | 147589 |
| 30° | 115689 |
| 35° | 83922 |
| 40° | 55819 |
| 45° | 34794 |
| 50° | 18831 |
| 55° | 5429 |
| 60° | 5087 |
| 65° | 4618 |
| 70° | 4552 |
| 75° | 4490 |
| 80° | 4546 |
| 85° | 4529 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 34794 cd/sqm



TEST NUMBER: P1258267
 CATALOG NUMBER: P3AS20R609040D010 E3DL1GPH

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 93.8 | 10.0 |
| 10°-20° | 243.6 | 26.0 |
| 20°-30° | 277.7 | 29.6 |
| 30°-40° | 196.9 | 21.0 |
| 40°-50° | 89.3 | 9.5 |
| 50°-60° | 18.9 | 2.0 |
| 60°-70° | 9.1 | 1.0 |
| 70°-80° | 5.6 | 0.6 |
| 80°-90° | 2.0 | 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° | 615.0 | 65.6 |
| 0°-40° | 812.0 | 86.7 |
| 0°-60° | 920.2 | 98.2 |
| 0°-90° | 937.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 937.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1009 | |
| 5° | 996 | 94 |
| 15° | 878 | 244 |
| 25° | 610 | 278 |
| 35° | 314 | 197 |
| 45° | 112 | 89 |
| 55° | 14 | 19 |
| 65° | 9 | 9 |
| 75° | 5 | 6 |
| 85° | 2 | 2 |
| 90° | 0 | |



TEST NUMBER: P1258267
CATALOG NUMBER: P3AS20R609040D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1009.0 |
| 2.5° | 1005.4 |
| 5° | 995.7 |
| 7.5° | 978.7 |
| 10° | 955.6 |
| 12.5° | 922.6 |
| 15° | 878.1 |
| 17.5° | 822.0 |
| 20° | 756.1 |
| 22.5° | 684.8 |
| 25° | 610.0 |
| 27.5° | 533.4 |
| 30° | 456.9 |
| 32.5° | 383.8 |
| 35° | 313.5 |
| 37.5° | 251.1 |
| 40° | 195.0 |
| 42.5° | 147.8 |
| 45° | 112.2 |
| 47.5° | 83.7 |
| 50° | 55.2 |
| 52.5° | 25.8 |
| 55° | 14.2 |
| 57.5° | 12.5 |
| 60° | 11.6 |
| 62.5° | 10.7 |
| 65° | 8.9 |
| 67.5° | 8.0 |
| 70° | 7.1 |
| 72.5° | 6.2 |
| 75° | 5.3 |
| 77.5° | 4.5 |
| 80° | 3.6 |
| 82.5° | 2.7 |
| 85° | 1.8 |
| 87.5° | 0.9 |
| 90° | 0.0 |

(END OF REPORT)