

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: P1257847

Luminaire Tested: P3AS17R459040DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257847
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459040DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

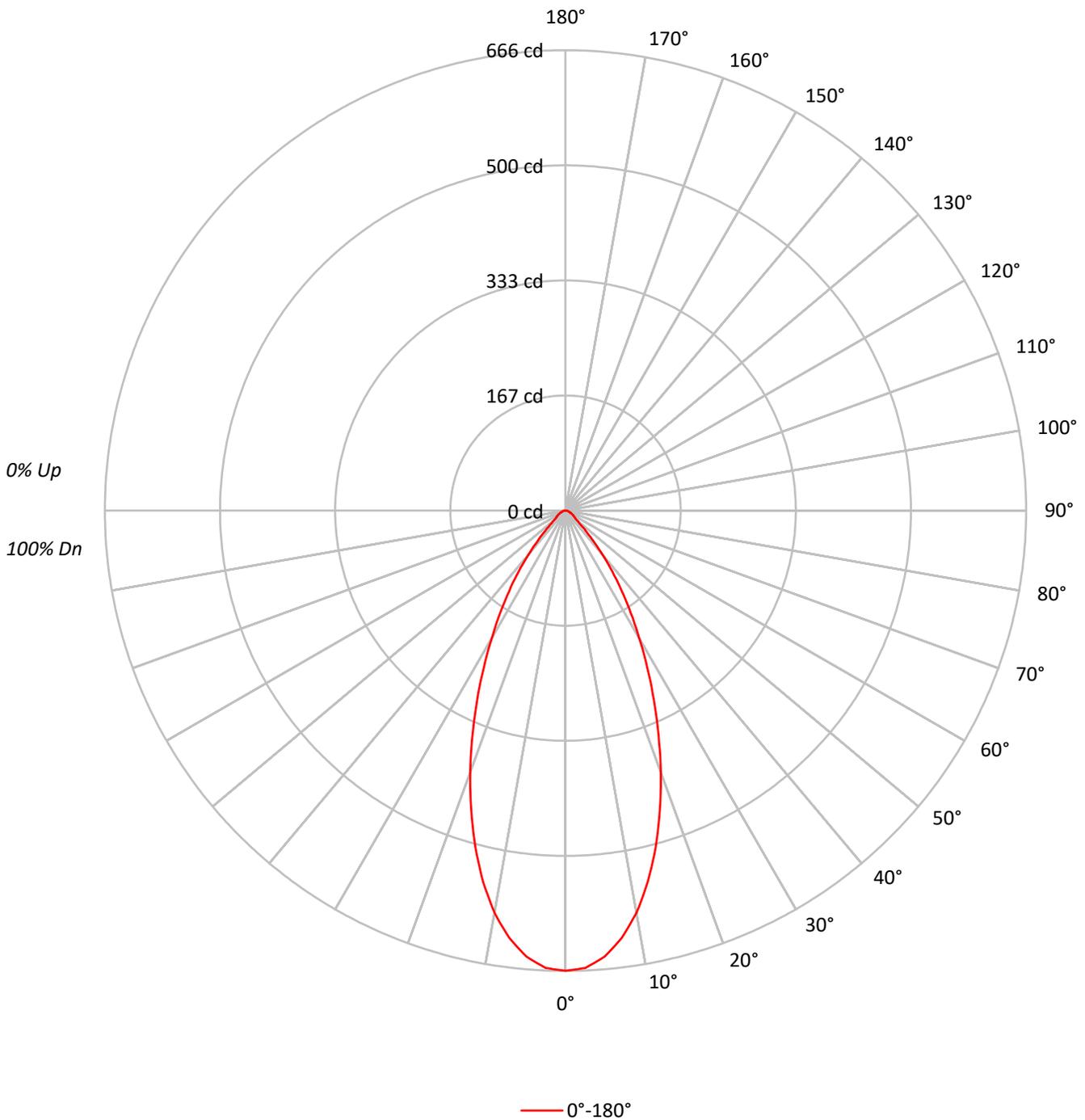
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 490.0 lumens
Efficiency: N/A
Efficacy: 23.1 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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 |
| 1 | 113 | 110 | 107 | 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 | 86 | | | | 86 |
| 3 | 102 | 95 | 90 | 85 | 100 | 93 | 89 | 85 | 91 | 87 | 83 | 88 | 85 | 82 | 86 | 83 | 81 | 79 | | | | 79 |
| 4 | 96 | 88 | 83 | 78 | 94 | 87 | 82 | 78 | 85 | 81 | 77 | 83 | 79 | 76 | 81 | 78 | 75 | 74 | | | | 74 |
| 5 | 91 | 83 | 77 | 72 | 90 | 82 | 76 | 72 | 80 | 75 | 71 | 78 | 74 | 71 | 77 | 73 | 70 | 69 | | | | 69 |
| 6 | 87 | 78 | 72 | 67 | 85 | 77 | 71 | 67 | 75 | 70 | 66 | 74 | 69 | 66 | 73 | 69 | 66 | 64 | | | | 64 |
| 7 | 83 | 73 | 67 | 63 | 81 | 72 | 67 | 63 | 71 | 66 | 62 | 70 | 65 | 62 | 69 | 65 | 61 | 60 | | | | 60 |
| 8 | 79 | 69 | 63 | 59 | 77 | 68 | 63 | 59 | 67 | 62 | 58 | 66 | 62 | 58 | 65 | 61 | 58 | 56 | | | | 56 |
| 9 | 75 | 65 | 59 | 55 | 74 | 65 | 59 | 55 | 64 | 59 | 55 | 63 | 58 | 55 | 62 | 58 | 55 | 53 | | | | 53 |
| 10 | 72 | 62 | 56 | 52 | 71 | 61 | 56 | 52 | 61 | 55 | 52 | 60 | 55 | 52 | 59 | 55 | 52 | 50 | | | | 50 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 145953 |
| 5° | 142615 |
| 10° | 131572 |
| 15° | 114393 |
| 20° | 93995 |
| 25° | 73117 |
| 30° | 54008 |
| 35° | 37986 |
| 40° | 23730 |
| 45° | 12839 |
| 50° | 6959 |
| 55° | 5964 |
| 60° | 5350 |
| 65° | 4566 |
| 70° | 3911 |
| 75° | 4067 |
| 80° | 3410 |
| 85° | 3522 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12839 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 60.0 | 12.2 |
| 10°-20° | 139.3 | 28.4 |
| 20°-30° | 138.3 | 28.2 |
| 30°-40° | 89.1 | 18.2 |
| 40°-50° | 34.3 | 7.0 |
| 50°-60° | 14.0 | 2.8 |
| 60°-70° | 8.8 | 1.8 |
| 70°-80° | 4.7 | 1.0 |
| 80°-90° | 1.5 | 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° | 337.6 | 68.9 |
| 0°-40° | 426.7 | 87.1 |
| 0°-60° | 475.0 | 96.9 |
| 0°-90° | 490.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 490.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 666 | |
| 5° | 648 | 60 |
| 15° | 504 | 139 |
| 25° | 302 | 138 |
| 35° | 142 | 89 |
| 45° | 41 | 34 |
| 55° | 16 | 14 |
| 65° | 9 | 9 |
| 75° | 5 | 5 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 665.6 |
| 2.5° | 662.2 |
| 5° | 647.9 |
| 7.5° | 623.5 |
| 10° | 590.9 |
| 12.5° | 550.1 |
| 15° | 503.9 |
| 17.5° | 453.7 |
| 20° | 402.8 |
| 22.5° | 351.1 |
| 25° | 302.2 |
| 27.5° | 256.0 |
| 30° | 213.3 |
| 32.5° | 175.9 |
| 35° | 141.9 |
| 37.5° | 111.4 |
| 40° | 82.9 |
| 42.5° | 59.8 |
| 45° | 41.4 |
| 47.5° | 27.8 |
| 50° | 20.4 |
| 52.5° | 17.0 |
| 55° | 15.6 |
| 57.5° | 13.6 |
| 60° | 12.2 |
| 62.5° | 10.2 |
| 65° | 8.8 |
| 67.5° | 7.5 |
| 70° | 6.1 |
| 72.5° | 5.4 |
| 75° | 4.8 |
| 77.5° | 3.4 |
| 80° | 2.7 |
| 82.5° | 2.0 |
| 85° | 1.4 |
| 87.5° | 0.7 |
| 90° | 0.0 |

(END OF REPORT)