

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: P1275489

Luminaire Tested: P3AS05R459835DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275489
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R459835DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

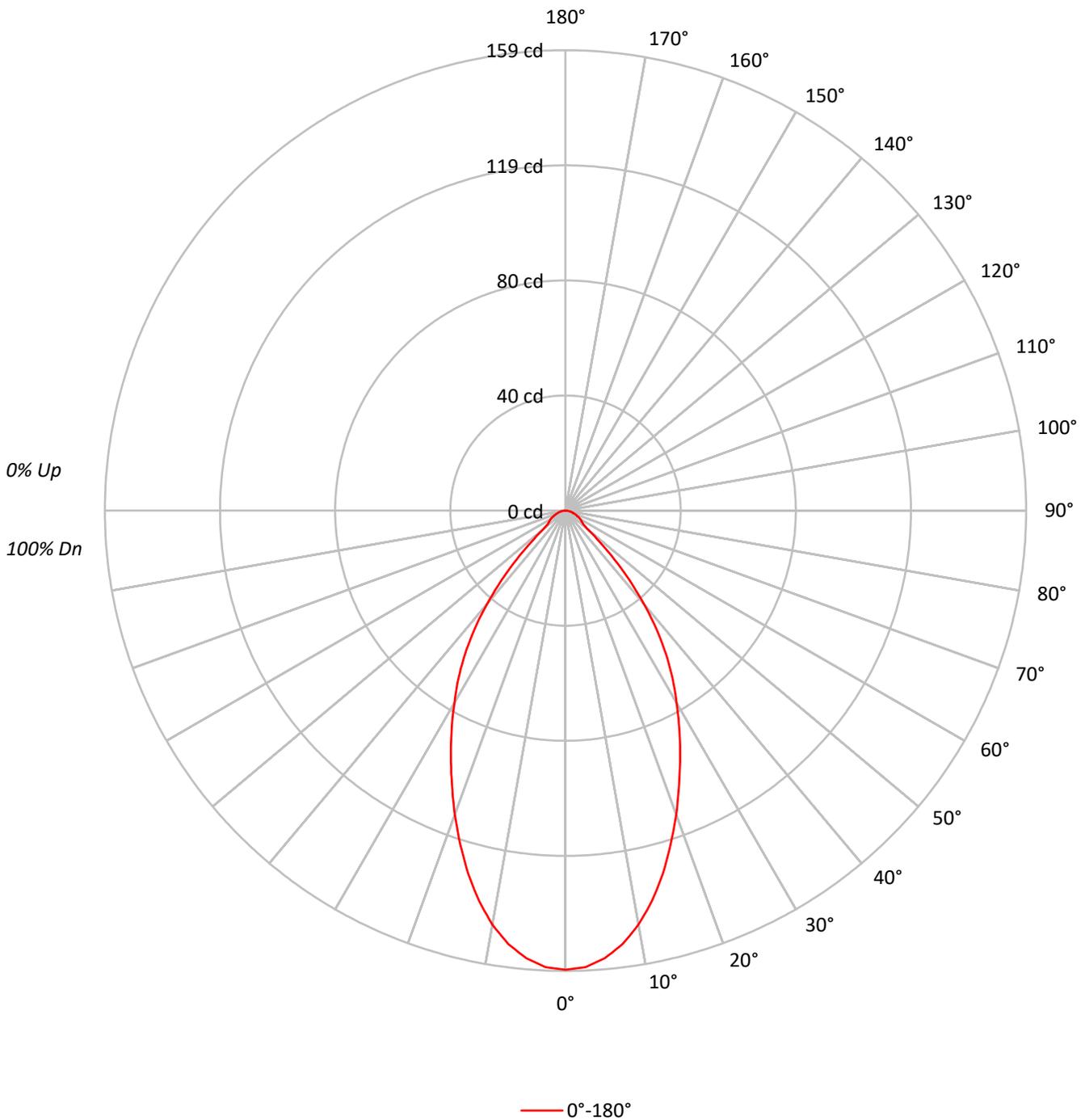
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 164.0 lumens
Efficiency: N/A
Efficacy: 22.8 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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





TEST NUMBER: P1275489

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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 | 112 | 109 | 106 | 104 | 110 | 107 | 104 | 102 | 103 | 101 | 99 | 99 | 97 | 96 | 96 | 94 | 93 | 91 | | | | 91 |
| 2 | 106 | 100 | 95 | 91 | 103 | 98 | 94 | 90 | 95 | 91 | 88 | 92 | 89 | 86 | 89 | 87 | 85 | 83 | | | | 83 |
| 3 | 99 | 92 | 86 | 82 | 97 | 90 | 85 | 81 | 88 | 83 | 80 | 85 | 81 | 78 | 83 | 80 | 77 | 75 | | | | 75 |
| 4 | 94 | 85 | 78 | 74 | 92 | 84 | 78 | 73 | 81 | 76 | 72 | 79 | 75 | 71 | 77 | 74 | 71 | 69 | | | | 69 |
| 5 | 88 | 79 | 72 | 67 | 86 | 78 | 71 | 67 | 76 | 70 | 66 | 74 | 69 | 65 | 72 | 68 | 65 | 63 | | | | 63 |
| 6 | 83 | 73 | 66 | 61 | 81 | 72 | 66 | 61 | 71 | 65 | 61 | 69 | 64 | 60 | 68 | 63 | 60 | 58 | | | | 58 |
| 7 | 78 | 68 | 61 | 57 | 77 | 67 | 61 | 56 | 66 | 60 | 56 | 65 | 60 | 56 | 64 | 59 | 55 | 54 | | | | 54 |
| 8 | 74 | 64 | 57 | 52 | 73 | 63 | 57 | 52 | 62 | 56 | 52 | 61 | 56 | 52 | 60 | 55 | 52 | 50 | | | | 50 |
| 9 | 70 | 60 | 53 | 49 | 69 | 59 | 53 | 49 | 58 | 52 | 48 | 57 | 52 | 48 | 56 | 52 | 48 | 47 | | | | 47 |
| 10 | 67 | 56 | 50 | 45 | 66 | 56 | 49 | 45 | 55 | 49 | 45 | 54 | 49 | 45 | 53 | 48 | 45 | 44 | | | | 44 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 34778 |
| 5° | 34162 |
| 10° | 32331 |
| 15° | 29467 |
| 20° | 26066 |
| 25° | 22646 |
| 30° | 19421 |
| 35° | 16195 |
| 40° | 12051 |
| 45° | 7381 |
| 50° | 3411 |
| 55° | 2676 |
| 60° | 2588 |
| 65° | 2335 |
| 70° | 2180 |
| 75° | 2118 |
| 80° | 1894 |
| 85° | 1510 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7381 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 14.5 | 8.8 |
| 10°-20° | 36.2 | 22.0 |
| 20°-30° | 43.0 | 26.2 |
| 30°-40° | 37.3 | 22.8 |
| 40°-50° | 18.7 | 11.4 |
| 50°-60° | 6.5 | 4.0 |
| 60°-70° | 4.6 | 2.8 |
| 70°-80° | 2.5 | 1.6 |
| 80°-90° | 0.8 | 0.5 |
| 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° | 93.6 | 57.1 |
| 0°-40° | 130.9 | 79.8 |
| 0°-60° | 156.1 | 95.2 |
| 0°-90° | 164.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 164.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 159 | |
| 5° | 155 | 14 |
| 15° | 130 | 36 |
| 25° | 94 | 43 |
| 35° | 60 | 37 |
| 45° | 24 | 19 |
| 55° | 7 | 6 |
| 65° | 4 | 5 |
| 75° | 2 | 3 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 158.6 |
| 2.5° | 157.8 |
| 5° | 155.2 |
| 7.5° | 151.0 |
| 10° | 145.2 |
| 12.5° | 138.0 |
| 15° | 129.8 |
| 17.5° | 120.8 |
| 20° | 111.7 |
| 22.5° | 102.4 |
| 25° | 93.6 |
| 27.5° | 85.1 |
| 30° | 76.7 |
| 32.5° | 68.8 |
| 35° | 60.5 |
| 37.5° | 51.6 |
| 40° | 42.1 |
| 42.5° | 32.9 |
| 45° | 23.8 |
| 47.5° | 15.7 |
| 50° | 10.0 |
| 52.5° | 7.7 |
| 55° | 7.0 |
| 57.5° | 6.4 |
| 60° | 5.9 |
| 62.5° | 5.3 |
| 65° | 4.5 |
| 67.5° | 4.0 |
| 70° | 3.4 |
| 72.5° | 2.8 |
| 75° | 2.5 |
| 77.5° | 1.9 |
| 80° | 1.5 |
| 82.5° | 1.1 |
| 85° | 0.6 |
| 87.5° | 0.4 |
| 90° | 0.0 |

(END OF REPORT)