

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: P1273334

Luminaire Tested: P3AS05R309830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273334
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

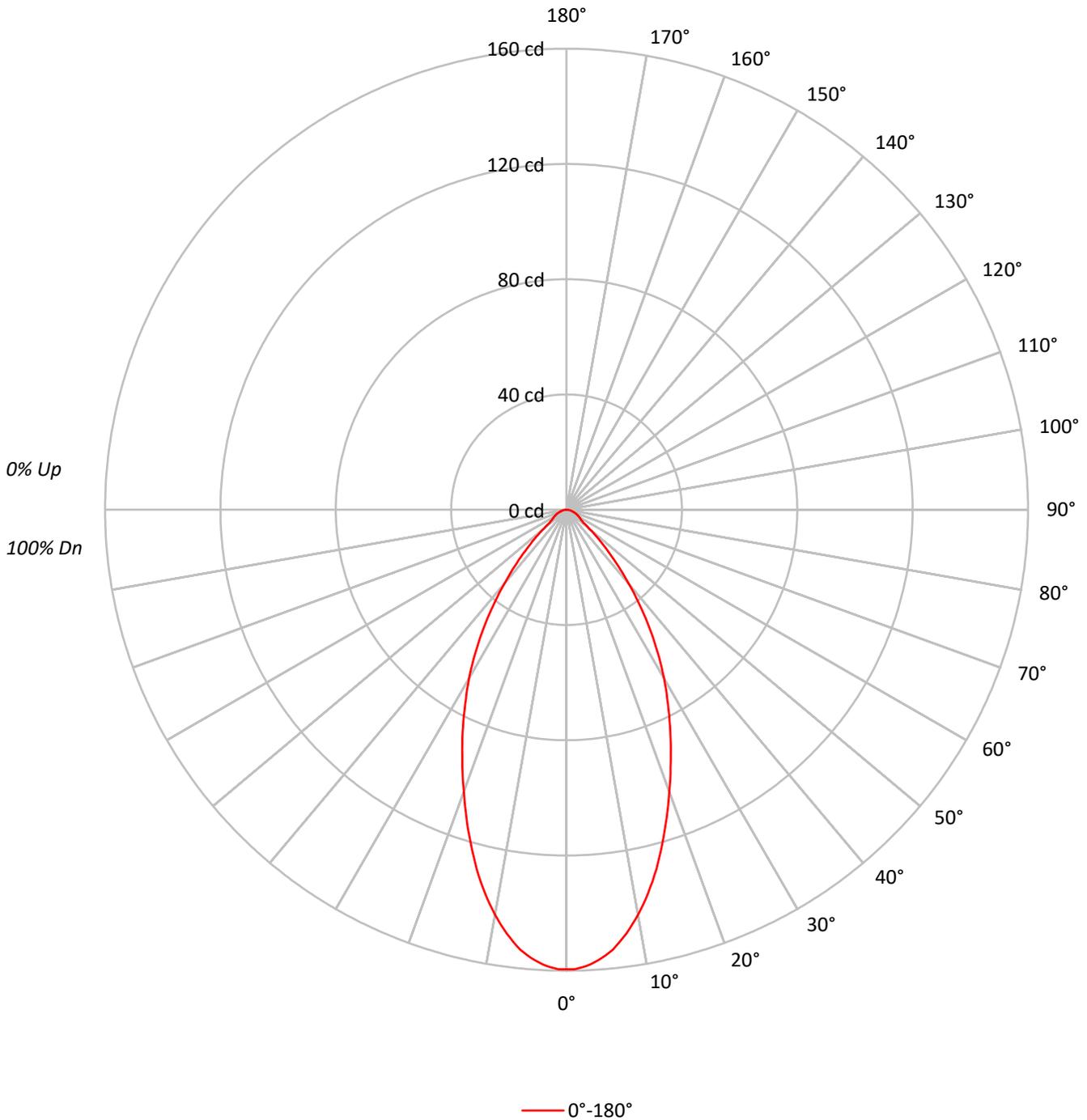
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 148.0 lumens
Efficiency: N/A
Efficacy: 20.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
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





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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 | 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 | 105 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 94 | 93 | 91 | | | 91 |
| 2 | 106 | 100 | 96 | 92 | 104 | 99 | 94 | 91 | 95 | 92 | 89 | 92 | 89 | 87 | 89 | 87 | 85 | 83 | | | 83 |
| 3 | 100 | 92 | 87 | 82 | 98 | 91 | 86 | 82 | 88 | 84 | 80 | 86 | 82 | 79 | 84 | 80 | 78 | 76 | | | 76 |
| 4 | 94 | 85 | 79 | 74 | 92 | 84 | 79 | 74 | 82 | 77 | 73 | 80 | 76 | 72 | 78 | 74 | 71 | 70 | | | 70 |
| 5 | 89 | 79 | 73 | 68 | 87 | 78 | 72 | 68 | 76 | 71 | 67 | 75 | 70 | 66 | 73 | 69 | 66 | 64 | | | 64 |
| 6 | 84 | 74 | 67 | 62 | 82 | 73 | 67 | 62 | 71 | 66 | 62 | 70 | 65 | 61 | 69 | 64 | 61 | 59 | | | 59 |
| 7 | 79 | 69 | 62 | 58 | 78 | 68 | 62 | 58 | 67 | 61 | 57 | 66 | 61 | 57 | 65 | 60 | 57 | 55 | | | 55 |
| 8 | 75 | 65 | 58 | 54 | 74 | 64 | 58 | 53 | 63 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 51 | | | 51 |
| 9 | 71 | 61 | 54 | 50 | 70 | 60 | 54 | 50 | 59 | 54 | 50 | 58 | 53 | 50 | 57 | 53 | 49 | 48 | | | 48 |
| 10 | 68 | 57 | 51 | 47 | 67 | 57 | 51 | 47 | 56 | 50 | 47 | 55 | 50 | 46 | 54 | 50 | 46 | 45 | | | 45 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 34975 |
| 5° | 34184 |
| 10° | 31774 |
| 15° | 28286 |
| 20° | 24315 |
| 25° | 20614 |
| 30° | 17117 |
| 35° | 13411 |
| 40° | 9618 |
| 45° | 6295 |
| 50° | 3582 |
| 55° | 2370 |
| 60° | 2237 |
| 65° | 2075 |
| 70° | 1859 |
| 75° | 1694 |
| 80° | 1642 |
| 85° | 1258 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6295 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 14.4 | 9.7 |
| 10°-20° | 34.6 | 23.4 |
| 20°-30° | 39.0 | 26.4 |
| 30°-40° | 31.2 | 21.1 |
| 40°-50° | 16.0 | 10.8 |
| 50°-60° | 6.0 | 4.1 |
| 60°-70° | 4.0 | 2.7 |
| 70°-80° | 2.1 | 1.4 |
| 80°-90° | 0.6 | 0.4 |
| 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° | 88.1 | 59.5 |
| 0°-40° | 119.2 | 80.6 |
| 0°-60° | 141.3 | 95.5 |
| 0°-90° | 148.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 148.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 160 | |
| 5° | 155 | 14 |
| 15° | 125 | 35 |
| 25° | 85 | 39 |
| 35° | 50 | 31 |
| 45° | 20 | 16 |
| 55° | 6 | 6 |
| 65° | 4 | 4 |
| 75° | 2 | 2 |
| 85° | 0 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 159.5 |
| 1° | 159.5 |
| 2° | 158.9 |
| 3° | 158.0 |
| 4° | 156.7 |
| 5° | 155.3 |
| 6° | 153.5 |
| 7° | 151.1 |
| 8° | 148.6 |
| 9° | 145.7 |
| 10° | 142.7 |
| 11° | 139.5 |
| 12° | 136.0 |
| 13° | 132.4 |
| 14° | 128.6 |
| 15° | 124.6 |
| 17.5° | 114.4 |
| 20° | 104.2 |
| 22.5° | 94.4 |
| 25° | 85.2 |
| 27.5° | 76.1 |
| 30° | 67.6 |
| 32.5° | 58.8 |
| 35° | 50.1 |
| 37.5° | 41.6 |
| 40° | 33.6 |
| 42.5° | 26.5 |
| 45° | 20.3 |
| 47.5° | 15.1 |
| 50° | 10.5 |
| 52.5° | 7.4 |
| 55° | 6.2 |
| 57.5° | 5.6 |
| 60° | 5.1 |
| 62.5° | 4.5 |
| 65° | 4.0 |
| 67.5° | 3.5 |
| 70° | 2.9 |
| 72.5° | 2.4 |
| 75° | 2.0 |
| 77.5° | 1.6 |
| 80° | 1.3 |
| 82.5° | 0.9 |
| 85° | 0.5 |
| 87.5° | 0.2 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)