

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: P1286081

Luminaire Tested: P3AS02R259030D2WDE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286081
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259030D2WDE010 E3PHLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

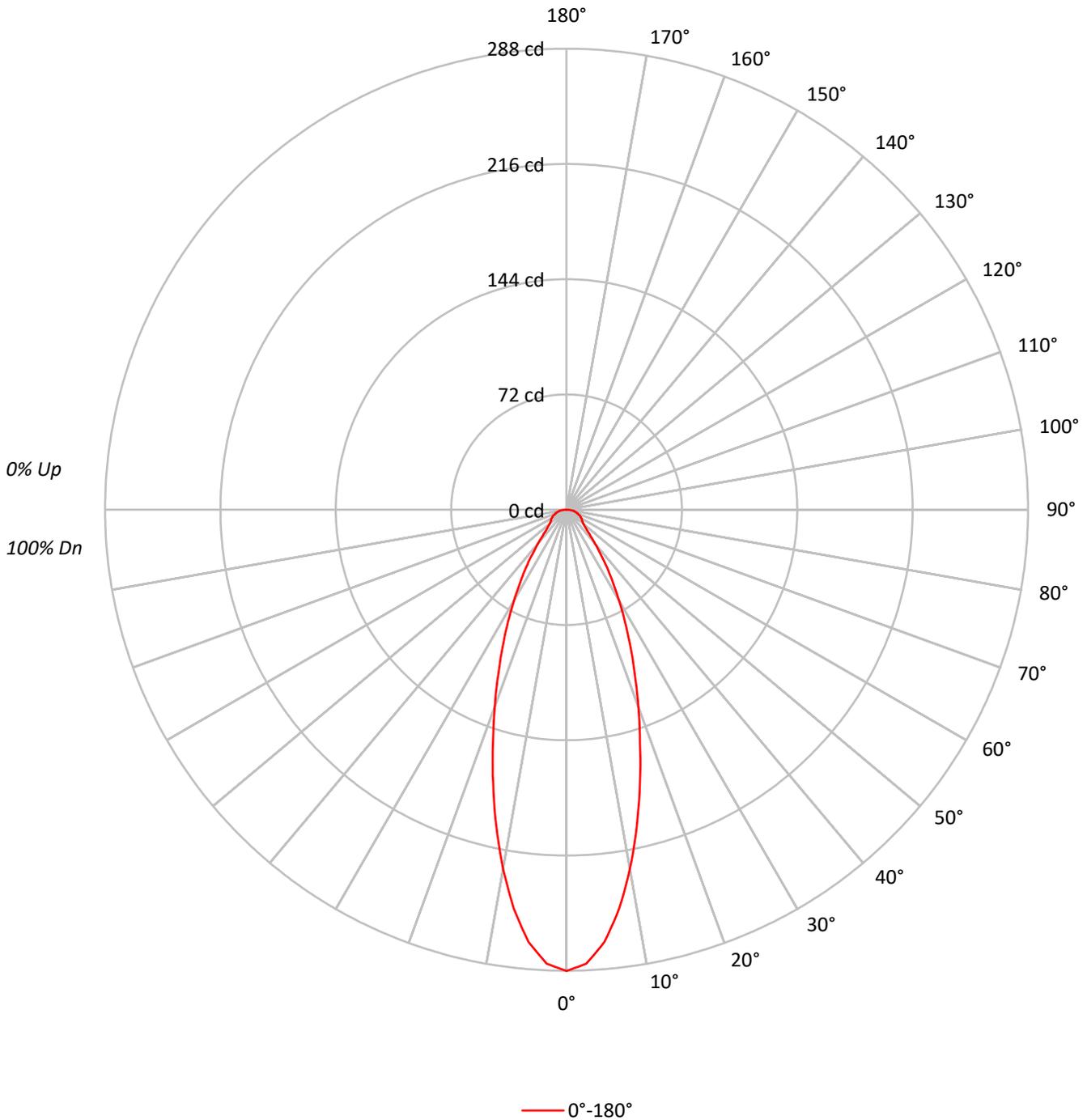
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 188.0 lumens
Efficiency: N/A
Efficacy: 26.1 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
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 | | | | 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 | 112 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 102 | 100 | 97 | 98 | 96 | 95 | 95 | 93 | 92 | 90 | 90 | 90 | 90 |
| 2 | 105 | 99 | 94 | 90 | 103 | 97 | 93 | 89 | 94 | 90 | 87 | 91 | 88 | 85 | 88 | 85 | 83 | 81 | 81 | 81 | 81 |
| 3 | 99 | 91 | 85 | 80 | 97 | 90 | 84 | 80 | 87 | 82 | 78 | 84 | 80 | 77 | 82 | 79 | 76 | 74 | 74 | 74 | 74 |
| 4 | 93 | 84 | 78 | 73 | 91 | 83 | 77 | 73 | 81 | 76 | 72 | 79 | 74 | 71 | 77 | 73 | 70 | 68 | 68 | 68 | 68 |
| 5 | 88 | 79 | 72 | 67 | 86 | 78 | 71 | 67 | 76 | 70 | 66 | 74 | 69 | 66 | 72 | 68 | 65 | 63 | 63 | 63 | 63 |
| 6 | 84 | 74 | 67 | 62 | 82 | 73 | 66 | 62 | 71 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 61 | 59 | 59 | 59 | 59 |
| 7 | 79 | 69 | 63 | 58 | 78 | 68 | 62 | 58 | 67 | 61 | 57 | 66 | 61 | 57 | 65 | 60 | 57 | 55 | 55 | 55 | 55 |
| 8 | 76 | 65 | 59 | 54 | 74 | 65 | 58 | 54 | 63 | 58 | 54 | 62 | 57 | 54 | 61 | 57 | 53 | 52 | 52 | 52 | 52 |
| 9 | 72 | 62 | 55 | 51 | 71 | 61 | 55 | 51 | 60 | 55 | 51 | 59 | 54 | 51 | 58 | 54 | 50 | 49 | 49 | 49 | 49 |
| 10 | 69 | 59 | 52 | 48 | 68 | 58 | 52 | 48 | 57 | 52 | 48 | 56 | 51 | 48 | 56 | 51 | 48 | 46 | 46 | 46 | 46 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 63175 |
| 5° | 59674 |
| 10° | 50723 |
| 15° | 40182 |
| 20° | 30546 |
| 25° | 22767 |
| 30° | 16560 |
| 35° | 11725 |
| 40° | 7958 |
| 45° | 5551 |
| 50° | 4674 |
| 55° | 4511 |
| 60° | 4736 |
| 65° | 4877 |
| 70° | 4809 |
| 75° | 5168 |
| 80° | 5935 |
| 85° | 6038 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 6384 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 24.5 | 13.0 |
| 10°-20° | 49.0 | 26.1 |
| 20°-30° | 43.4 | 23.1 |
| 30°-40° | 27.6 | 14.7 |
| 40°-50° | 14.6 | 7.8 |
| 50°-60° | 10.8 | 5.7 |
| 60°-70° | 9.1 | 4.9 |
| 70°-80° | 6.5 | 3.4 |
| 80°-90° | 2.6 | 1.4 |
| 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° | 116.8 | 62.1 |
| 0°-40° | 144.5 | 76.8 |
| 0°-60° | 169.8 | 90.3 |
| 0°-90° | 188.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 188.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 288 | |
| 5° | 271 | 24 |
| 15° | 177 | 49 |
| 25° | 94 | 43 |
| 35° | 44 | 28 |
| 45° | 18 | 15 |
| 55° | 12 | 11 |
| 65° | 9 | 9 |
| 75° | 6 | 6 |
| 85° | 2 | 3 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 288.1 |
| 2.5° | 283.8 |
| 5° | 271.1 |
| 7.5° | 251.4 |
| 10° | 227.8 |
| 12.5° | 202.4 |
| 15° | 177.0 |
| 17.5° | 152.5 |
| 20° | 130.9 |
| 22.5° | 111.1 |
| 25° | 94.1 |
| 27.5° | 79.1 |
| 30° | 65.4 |
| 32.5° | 53.7 |
| 35° | 43.8 |
| 37.5° | 34.8 |
| 40° | 27.8 |
| 42.5° | 22.1 |
| 45° | 17.9 |
| 47.5° | 15.5 |
| 50° | 13.7 |
| 52.5° | 12.7 |
| 55° | 11.8 |
| 57.5° | 11.3 |
| 60° | 10.8 |
| 62.5° | 9.9 |
| 65° | 9.4 |
| 67.5° | 8.5 |
| 70° | 7.5 |
| 72.5° | 7.1 |
| 75° | 6.1 |
| 77.5° | 5.2 |
| 80° | 4.7 |
| 82.5° | 3.8 |
| 85° | 2.4 |
| 87.5° | 0.9 |
| 90° | 0.0 |

(END OF REPORT)