

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: P1286061

Luminaire Tested: P3AS02R259030D2WDE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286061
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259030D2WDE010 E3DL1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

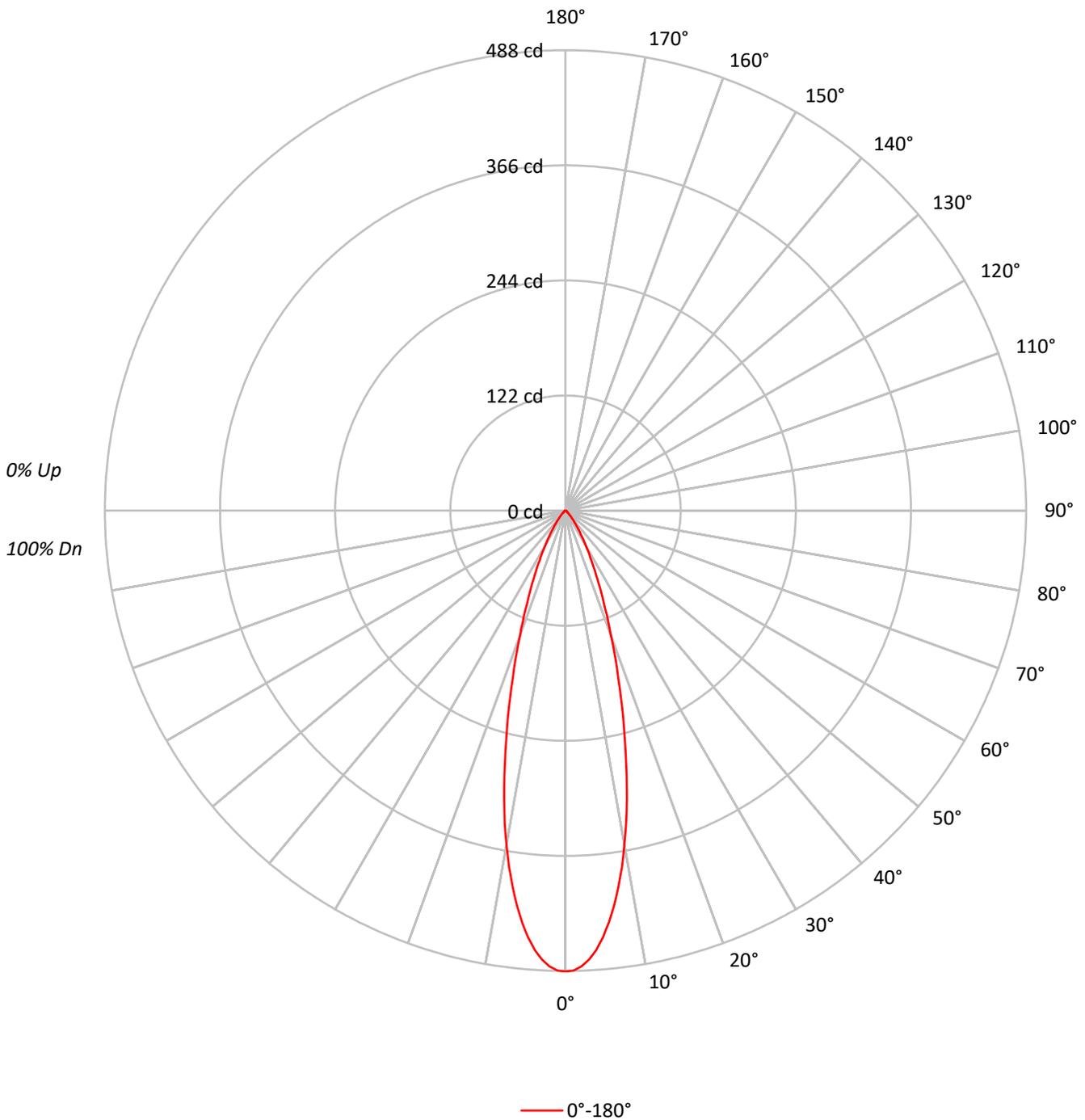
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 167.0 lumens
Efficiency: N/A
Efficacy: 23.2 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
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 | 99 | 98 | 97 | 100 |
| 1 | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 95 | 95 | 93 | 92 | 95 |
| 2 | 110 | 105 | 102 | 99 | 107 | 104 | 101 | 98 | 101 | 98 | 96 | 98 | 96 | 94 | 95 | 93 | 92 | 90 | 91 | 89 | 87 | 90 |
| 3 | 105 | 100 | 96 | 92 | 103 | 98 | 95 | 91 | 96 | 93 | 90 | 94 | 91 | 89 | 91 | 89 | 87 | 86 | 91 | 89 | 87 | 86 |
| 4 | 101 | 95 | 90 | 87 | 99 | 94 | 89 | 86 | 92 | 88 | 85 | 90 | 87 | 84 | 88 | 85 | 83 | 82 | 90 | 87 | 84 | 82 |
| 5 | 97 | 90 | 85 | 82 | 96 | 89 | 85 | 81 | 88 | 84 | 81 | 86 | 83 | 80 | 85 | 82 | 79 | 78 | 88 | 85 | 83 | 78 |
| 6 | 94 | 86 | 81 | 78 | 92 | 86 | 81 | 77 | 84 | 80 | 77 | 83 | 79 | 76 | 82 | 78 | 76 | 75 | 88 | 85 | 83 | 75 |
| 7 | 90 | 83 | 78 | 74 | 89 | 82 | 77 | 74 | 81 | 77 | 74 | 80 | 76 | 73 | 79 | 75 | 73 | 72 | 88 | 85 | 83 | 72 |
| 8 | 87 | 79 | 74 | 71 | 86 | 79 | 74 | 71 | 78 | 74 | 71 | 77 | 73 | 70 | 76 | 73 | 70 | 69 | 88 | 85 | 83 | 69 |
| 9 | 84 | 76 | 71 | 68 | 83 | 76 | 71 | 68 | 75 | 71 | 68 | 74 | 70 | 68 | 73 | 70 | 67 | 66 | 88 | 85 | 83 | 66 |
| 10 | 81 | 73 | 69 | 65 | 80 | 73 | 68 | 65 | 72 | 68 | 65 | 72 | 68 | 65 | 71 | 67 | 65 | 64 | 88 | 85 | 83 | 64 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 107119 |
| 5° | 99956 |
| 10° | 80070 |
| 15° | 54348 |
| 20° | 32880 |
| 25° | 19235 |
| 30° | 10964 |
| 35° | 6023 |
| 40° | 3206 |
| 45° | 1675 |
| 50° | 989 |
| 55° | 726 |
| 60° | 614 |
| 65° | 675 |
| 70° | 641 |
| 75° | 508 |
| 80° | 379 |
| 85° | 503 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1675 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 40.3 | 24.1 |
| 10°-20° | 65.8 | 39.4 |
| 20°-30° | 37.6 | 22.5 |
| 30°-40° | 14.9 | 8.9 |
| 40°-50° | 4.6 | 2.7 |
| 50°-60° | 1.8 | 1.1 |
| 60°-70° | 1.2 | 0.7 |
| 70°-80° | 0.7 | 0.4 |
| 80°-90° | 0.2 | 0.1 |
| 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° | 143.7 | 86.0 |
| 0°-40° | 158.6 | 94.9 |
| 0°-60° | 164.9 | 98.7 |
| 0°-90° | 167.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 167.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 488 | |
| 5° | 454 | 40 |
| 15° | 239 | 66 |
| 25° | 80 | 38 |
| 35° | 22 | 15 |
| 45° | 5 | 5 |
| 55° | 2 | 2 |
| 65° | 1 | 1 |
| 75° | 1 | 1 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 488.5 |
| 1° | 487.6 |
| 2° | 483.6 |
| 3° | 476.6 |
| 4° | 466.8 |
| 5° | 454.1 |
| 6° | 439.1 |
| 7° | 422.1 |
| 8° | 402.5 |
| 9° | 382.4 |
| 10° | 359.6 |
| 11° | 337.1 |
| 12° | 312.3 |
| 13° | 287.9 |
| 14° | 262.9 |
| 15° | 239.4 |
| 17.5° | 185.6 |
| 20° | 140.9 |
| 22.5° | 105.8 |
| 25° | 79.5 |
| 27.5° | 58.9 |
| 30° | 43.3 |
| 32.5° | 31.3 |
| 35° | 22.5 |
| 37.5° | 16.0 |
| 40° | 11.2 |
| 42.5° | 7.7 |
| 45° | 5.4 |
| 47.5° | 3.8 |
| 50° | 2.9 |
| 52.5° | 2.2 |
| 55° | 1.9 |
| 57.5° | 1.8 |
| 60° | 1.4 |
| 62.5° | 1.3 |
| 65° | 1.3 |
| 67.5° | 1.1 |
| 70° | 1.0 |
| 72.5° | 0.8 |
| 75° | 0.6 |
| 77.5° | 0.5 |
| 80° | 0.3 |
| 82.5° | 0.3 |
| 85° | 0.2 |
| 87.5° | 0.2 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)