

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: P1264274

Luminaire Tested: P3AS05R309730DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264274
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309730DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

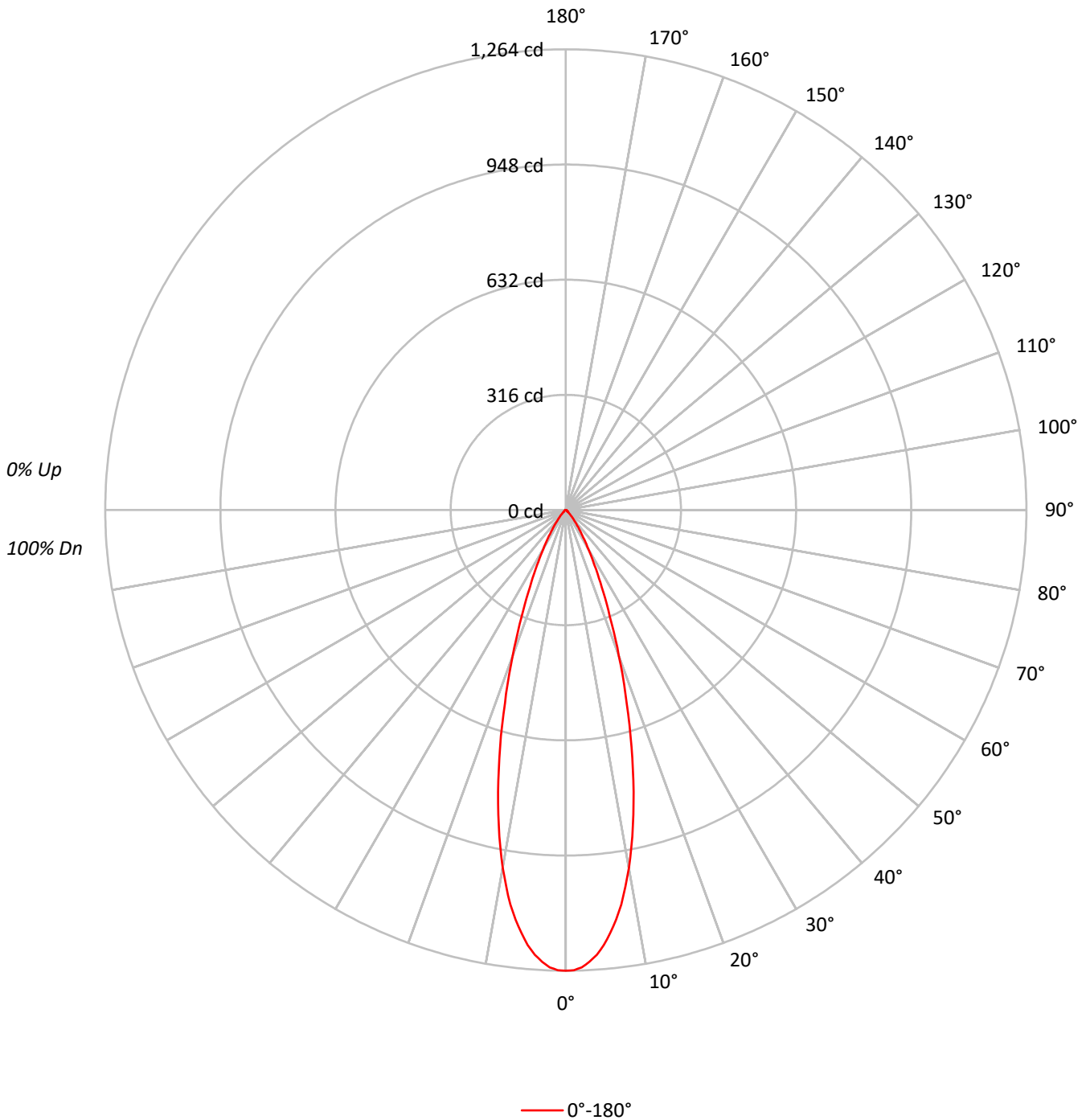
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 474.9 lumens
Efficiency: N/A
Efficacy: 66.0 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
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 | 100 | 100 |
| 1 | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 95 | 95 | 95 | 95 |
| 2 | 110 | 105 | 102 | 99 | 108 | 104 | 101 | 98 | 101 | 98 | 96 | 98 | 96 | 94 | 95 | 93 | 92 | 90 | 90 | 90 | 90 |
| 3 | 105 | 100 | 96 | 92 | 103 | 98 | 95 | 91 | 96 | 93 | 90 | 94 | 91 | 89 | 91 | 89 | 87 | 86 | 86 | 86 | 86 |
| 4 | 101 | 95 | 90 | 87 | 99 | 94 | 89 | 86 | 92 | 88 | 85 | 90 | 87 | 84 | 88 | 85 | 83 | 82 | 82 | 82 | 82 |
| 5 | 97 | 90 | 85 | 82 | 96 | 89 | 85 | 81 | 88 | 84 | 81 | 86 | 83 | 80 | 85 | 82 | 79 | 78 | 78 | 78 | 78 |
| 6 | 94 | 86 | 81 | 78 | 92 | 85 | 81 | 77 | 84 | 80 | 77 | 83 | 79 | 76 | 81 | 78 | 76 | 75 | 75 | 75 | 75 |
| 7 | 90 | 82 | 77 | 74 | 89 | 82 | 77 | 74 | 81 | 76 | 73 | 80 | 76 | 73 | 79 | 75 | 73 | 71 | 71 | 71 | 71 |
| 8 | 87 | 79 | 74 | 71 | 86 | 79 | 74 | 71 | 78 | 73 | 70 | 77 | 73 | 70 | 76 | 72 | 70 | 69 | 69 | 69 | 69 |
| 9 | 84 | 76 | 71 | 68 | 83 | 75 | 71 | 68 | 75 | 70 | 67 | 74 | 70 | 67 | 73 | 70 | 67 | 66 | 66 | 66 | 66 |
| 10 | 81 | 73 | 68 | 65 | 80 | 73 | 68 | 65 | 72 | 68 | 65 | 71 | 67 | 65 | 71 | 67 | 65 | 63 | 63 | 63 | 63 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 277171 |
| 5° | 263812 |
| 10° | 221906 |
| 15° | 160024 |
| 20° | 99269 |
| 25° | 56447 |
| 30° | 31347 |
| 35° | 17052 |
| 40° | 8988 |
| 45° | 4869 |
| 50° | 2593 |
| 55° | 1720 |
| 60° | 1579 |
| 65° | 1608 |
| 70° | 1410 |
| 75° | 1101 |
| 80° | 1137 |
| 85° | 1006 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4869 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 107.9 | 22.7 |
| 10°-20° | 191.8 | 40.4 |
| 20°-30° | 110.9 | 23.3 |
| 30°-40° | 42.1 | 8.9 |
| 40°-50° | 12.9 | 2.7 |
| 50°-60° | 4.3 | 0.9 |
| 60°-70° | 2.9 | 0.6 |
| 70°-80° | 1.6 | 0.3 |
| 80°-90° | 0.5 | 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° | 410.6 | 86.5 |
| 0°-40° | 452.7 | 95.3 |
| 0°-60° | 470.0 | 99.0 |
| 0°-90° | 474.9 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 474.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1264 | |
| 5° | 1198 | 108 |
| 15° | 705 | 192 |
| 25° | 233 | 111 |
| 35° | 64 | 42 |
| 45° | 16 | 13 |
| 55° | 4 | 4 |
| 65° | 3 | 3 |
| 75° | 1 | 2 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1264.0 |
| 1° | 1263.1 |
| 2° | 1255.5 |
| 3° | 1241.1 |
| 4° | 1223.2 |
| 5° | 1198.5 |
| 6° | 1167.1 |
| 7° | 1132.1 |
| 8° | 1093.1 |
| 9° | 1046.4 |
| 10° | 996.6 |
| 11° | 942.7 |
| 12° | 885.8 |
| 13° | 826.1 |
| 14° | 765.5 |
| 15° | 704.9 |
| 17.5° | 556.0 |
| 20° | 425.4 |
| 22.5° | 315.4 |
| 25° | 233.3 |
| 27.5° | 169.6 |
| 30° | 123.8 |
| 32.5° | 89.3 |
| 35° | 63.7 |
| 37.5° | 44.4 |
| 40° | 31.4 |
| 42.5° | 22.0 |
| 45° | 15.7 |
| 47.5° | 10.8 |
| 50° | 7.6 |
| 52.5° | 5.4 |
| 55° | 4.5 |
| 57.5° | 4.0 |
| 60° | 3.6 |
| 62.5° | 3.1 |
| 65° | 3.1 |
| 67.5° | 2.7 |
| 70° | 2.2 |
| 72.5° | 1.8 |
| 75° | 1.3 |
| 77.5° | 1.3 |
| 80° | 0.9 |
| 82.5° | 0.9 |
| 85° | 0.4 |
| 87.5° | 0.0 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)