

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: P1445570

Luminaire Tested: P3ART17R709024DE010 E3LDWW1B

Issue Date: 5/8/2026

Test Information

Test Method: LM-79-2019
Report Number: P1445570
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-13)
Test Lab: INNOVATION CENTER
Issue Date: 5/8/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3ART17R709024DE010 E3LDWW1B
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3LDWW1B TRIM
Light Source: -
Ballast/Driver: -

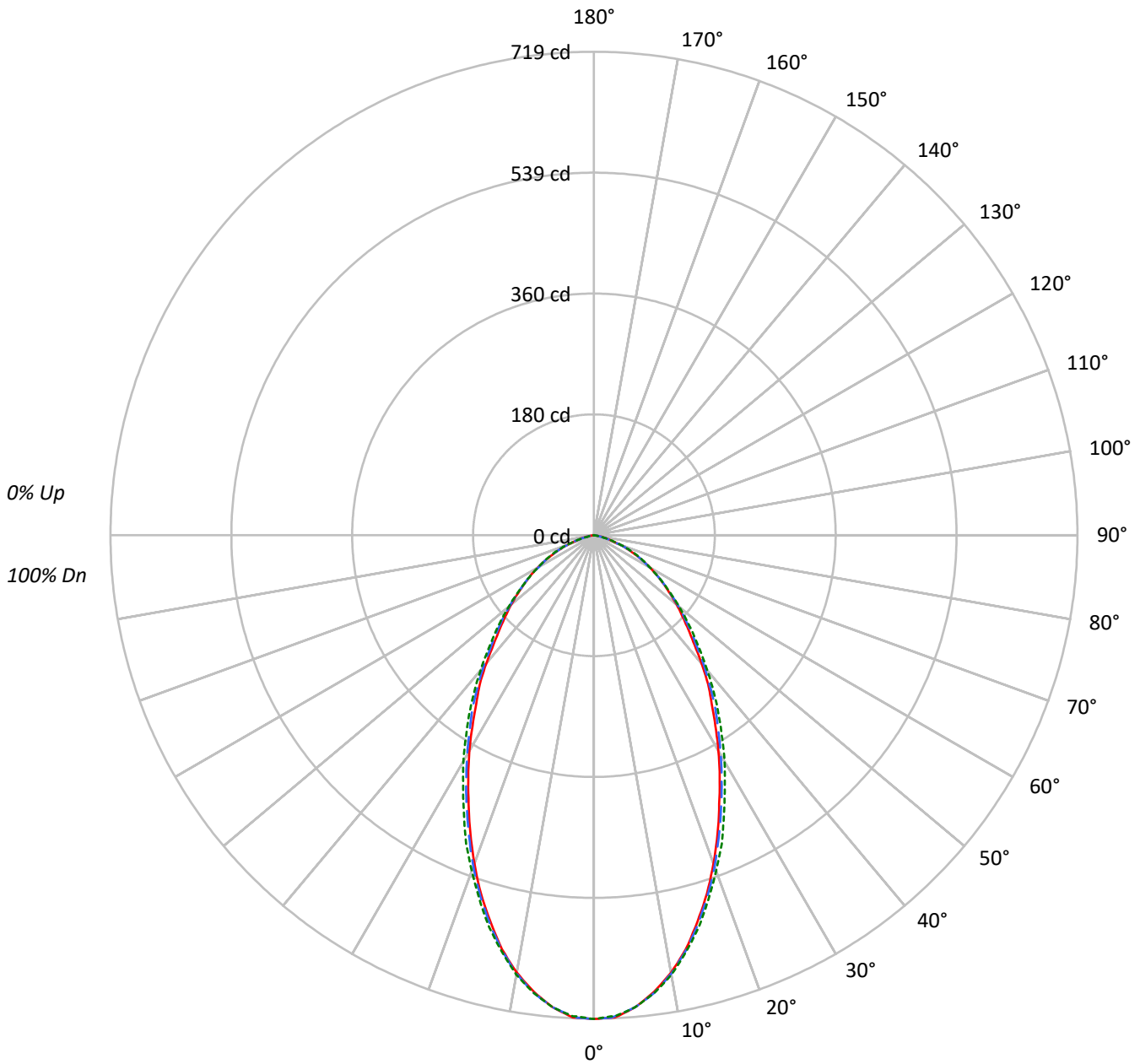
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1002.0 lumens
Efficiency: N/A
Efficacy: 47.3 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.89 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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

TEST NUMBER: P1445570
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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



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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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 111 | 108 | 104 | 101 | 109 | 105 | 102 | 100 | 101 | 99 | 97 | 97 | 95 | 94 | 94 | 92 | 91 | 89 |
| 2 | 103 | 97 | 91 | 87 | 101 | 95 | 90 | 86 | 92 | 87 | 84 | 88 | 85 | 82 | 85 | 83 | 80 | 78 |
| 3 | 96 | 87 | 81 | 75 | 94 | 86 | 80 | 75 | 83 | 78 | 73 | 80 | 76 | 72 | 78 | 74 | 71 | 69 |
| 4 | 89 | 79 | 72 | 66 | 87 | 78 | 71 | 66 | 76 | 70 | 65 | 73 | 68 | 64 | 71 | 67 | 63 | 61 |
| 5 | 83 | 72 | 64 | 59 | 81 | 71 | 64 | 59 | 69 | 63 | 58 | 67 | 62 | 57 | 66 | 61 | 57 | 55 |
| 6 | 78 | 66 | 58 | 53 | 76 | 65 | 58 | 53 | 64 | 57 | 52 | 62 | 56 | 52 | 61 | 55 | 51 | 50 |
| 7 | 73 | 61 | 53 | 48 | 71 | 60 | 53 | 48 | 59 | 52 | 47 | 57 | 52 | 47 | 56 | 51 | 47 | 45 |
| 8 | 68 | 56 | 49 | 44 | 67 | 56 | 49 | 44 | 54 | 48 | 43 | 53 | 47 | 43 | 52 | 47 | 43 | 41 |
| 9 | 64 | 52 | 45 | 40 | 63 | 52 | 45 | 40 | 51 | 44 | 40 | 50 | 44 | 40 | 49 | 43 | 40 | 38 |
| 10 | 61 | 49 | 42 | 37 | 60 | 48 | 42 | 37 | 47 | 41 | 37 | 47 | 41 | 37 | 46 | 40 | 37 | 35 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|--------|--------|--------|
| 0° | 157751 | 157751 | 157751 |
| 5° | 155095 | 155095 | 155095 |
| 10° | 147047 | 147403 | 147782 |
| 15° | 135029 | 135778 | 136891 |
| 20° | 121227 | 122371 | 123887 |
| 25° | 106651 | 108248 | 110619 |
| 30° | 93761 | 95432 | 98344 |
| 35° | 81593 | 84216 | 86411 |
| 40° | 71305 | 73166 | 75055 |
| 45° | 61495 | 63510 | 65061 |
| 50° | 54787 | 55913 | 56459 |
| 55° | 48247 | 48858 | 48858 |
| 60° | 42409 | 41663 | 42409 |
| 65° | 34868 | 35698 | 36580 |
| 70° | 27312 | 27312 | 28338 |
| 75° | 18046 | 16691 | 16691 |
| 80° | 10355 | 8334 | 6188 |
| 85° | 4026 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°
 Vertical Angle: 45°
 Luminance: 65061 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 65.9 | 6.6 |
| 10°-20° | 167.1 | 16.7 |
| 20°-30° | 206.0 | 20.6 |
| 30°-40° | 196.3 | 19.6 |
| 40°-50° | 158.8 | 15.9 |
| 50°-60° | 114.4 | 11.4 |
| 60°-70° | 68.5 | 6.8 |
| 70°-80° | 23.0 | 2.3 |
| 80°-90° | 1.9 | 0.2 |
| 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° | 439.0 | 43.8 |
| 0°-40° | 635.3 | 63.4 |
| 0°-60° | 908.6 | 90.7 |
| 0°-90° | 1002.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1002.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 719 | 719 | 719 | 719 | 719 | |
| 5° | 705 | 705 | 705 | 705 | 705 | 66 |
| 15° | 595 | 596 | 598 | 600 | 603 | 166 |
| 25° | 441 | 444 | 447 | 454 | 457 | 203 |
| 35° | 305 | 307 | 315 | 320 | 323 | 192 |
| 45° | 198 | 201 | 205 | 209 | 210 | 155 |
| 55° | 126 | 126 | 128 | 128 | 128 | 114 |
| 65° | 67 | 69 | 69 | 70 | 70 | 67 |
| 75° | 21 | 21 | 20 | 20 | 20 | 24 |
| 85° | 2 | 2 | 0 | 0 | 0 | 3 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1445570
 CATALOG NUMBER: P3ART17R709024DE010 E3LDWW1B

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 719.4 | 719.4 | 719.4 | 719.4 | 719.4 | 719.4 | 719.4 | 719.4 | 719.4 | 719.4 | 719.4 |
| 2° | 717.8 | 717.8 | 717.8 | 717.8 | 717.8 | 717.8 | 717.8 | 717.8 | 717.8 | 717.8 | 716.1 |
| 2.5° | 717.8 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 717.8 | 716.1 |
| 5° | 704.6 | 704.6 | 704.6 | 704.6 | 704.6 | 704.6 | 704.6 | 704.6 | 706.3 | 704.6 | 704.6 |
| 7.5° | 685.0 | 685.0 | 685.0 | 685.0 | 686.6 | 686.6 | 686.6 | 686.6 | 688.3 | 688.3 | 686.6 |
| 10° | 660.4 | 660.4 | 660.4 | 660.4 | 662.0 | 662.0 | 663.7 | 662.0 | 662.0 | 663.7 | 663.7 |
| 12.5° | 630.9 | 629.3 | 629.3 | 629.3 | 630.9 | 632.5 | 632.5 | 632.5 | 634.2 | 634.2 | 634.2 |
| 15° | 594.8 | 594.8 | 594.8 | 596.5 | 596.5 | 598.1 | 599.8 | 599.8 | 601.4 | 601.4 | 603.0 |
| 17.5° | 558.8 | 558.8 | 557.2 | 558.8 | 560.4 | 562.1 | 563.7 | 565.4 | 567.0 | 567.0 | 567.0 |
| 20° | 519.5 | 517.8 | 519.5 | 521.1 | 522.7 | 524.4 | 526.0 | 529.3 | 530.9 | 530.9 | 530.9 |
| 22.5° | 480.1 | 478.5 | 480.1 | 481.8 | 483.4 | 485.1 | 490.0 | 491.6 | 493.2 | 493.2 | 496.5 |
| 25° | 440.8 | 440.8 | 442.4 | 444.1 | 445.7 | 447.4 | 450.6 | 453.9 | 455.6 | 457.2 | 457.2 |
| 27.5° | 404.8 | 404.8 | 404.8 | 404.8 | 408.0 | 411.3 | 414.6 | 417.9 | 419.5 | 421.1 | 421.1 |
| 30° | 370.3 | 368.7 | 368.7 | 370.3 | 373.6 | 376.9 | 380.2 | 383.5 | 385.1 | 386.7 | 388.4 |
| 32.5° | 335.9 | 335.9 | 335.9 | 337.6 | 339.2 | 344.1 | 347.4 | 349.0 | 352.3 | 354.0 | 354.0 |
| 35° | 304.8 | 304.8 | 304.8 | 308.1 | 311.4 | 314.6 | 316.3 | 319.5 | 322.8 | 322.8 | 322.8 |
| 37.5° | 278.6 | 280.2 | 283.5 | 281.9 | 281.9 | 283.5 | 285.1 | 288.4 | 291.7 | 291.7 | 291.7 |
| 40° | 249.1 | 250.7 | 252.4 | 250.7 | 252.4 | 255.6 | 257.3 | 258.9 | 260.6 | 262.2 | 262.2 |
| 42.5° | 221.2 | 221.2 | 221.2 | 222.9 | 226.1 | 227.8 | 231.1 | 232.7 | 234.3 | 234.3 | 234.3 |
| 45° | 198.3 | 198.3 | 199.9 | 201.6 | 203.2 | 204.8 | 206.5 | 208.1 | 209.8 | 209.8 | 209.8 |
| 47.5° | 178.6 | 178.6 | 180.3 | 180.3 | 181.9 | 183.5 | 185.2 | 185.2 | 186.8 | 188.5 | 186.8 |
| 50° | 160.6 | 160.6 | 160.6 | 162.2 | 162.2 | 163.9 | 163.9 | 165.5 | 165.5 | 165.5 | 165.5 |
| 52.5° | 142.6 | 142.6 | 142.6 | 142.6 | 144.2 | 144.2 | 144.2 | 145.8 | 145.8 | 145.8 | 145.8 |
| 55° | 126.2 | 126.2 | 126.2 | 126.2 | 126.2 | 127.8 | 127.8 | 127.8 | 127.8 | 127.8 | 127.8 |
| 57.5° | 111.4 | 111.4 | 111.4 | 111.4 | 111.4 | 111.4 | 111.4 | 111.4 | 111.4 | 111.4 | 111.4 |
| 60° | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 95.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 62.5° | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 83.6 | 83.6 | 83.6 | 83.6 |
| 65° | 67.2 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 70.5 | 70.5 | 70.5 | 70.5 |
| 67.5° | 54.1 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 57.4 | 57.4 | 57.4 |
| 70° | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 44.2 |
| 72.5° | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 31.1 | 31.1 | 31.1 |
| 75° | 21.3 | 21.3 | 21.3 | 21.3 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 |
| 77.5° | 14.7 | 14.7 | 14.7 | 13.1 | 13.1 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 9.8 |
| 80° | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 6.6 | 6.6 | 4.9 | 4.9 | 4.9 | 4.9 |
| 82.5° | 4.9 | 4.9 | 4.9 | 3.3 | 3.3 | 3.3 | 3.3 | 1.6 | 1.6 | 1.6 | 1.6 |
| 85° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)