

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: P#

Luminaire Tested: P3ART17R70W2N902750DE010 E3LDWW1LI_5000K

Issue Date: 5/8/2026

Test Information

Test Method: LM-79-2019
Report Number: P#
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: P3ART17R70W2N902750DE010 E3LDWW1LI_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 5000K CCT AND, 90CRI ,
E3LDWW1LI TRIM
Light Source: -
Ballast/Driver: -

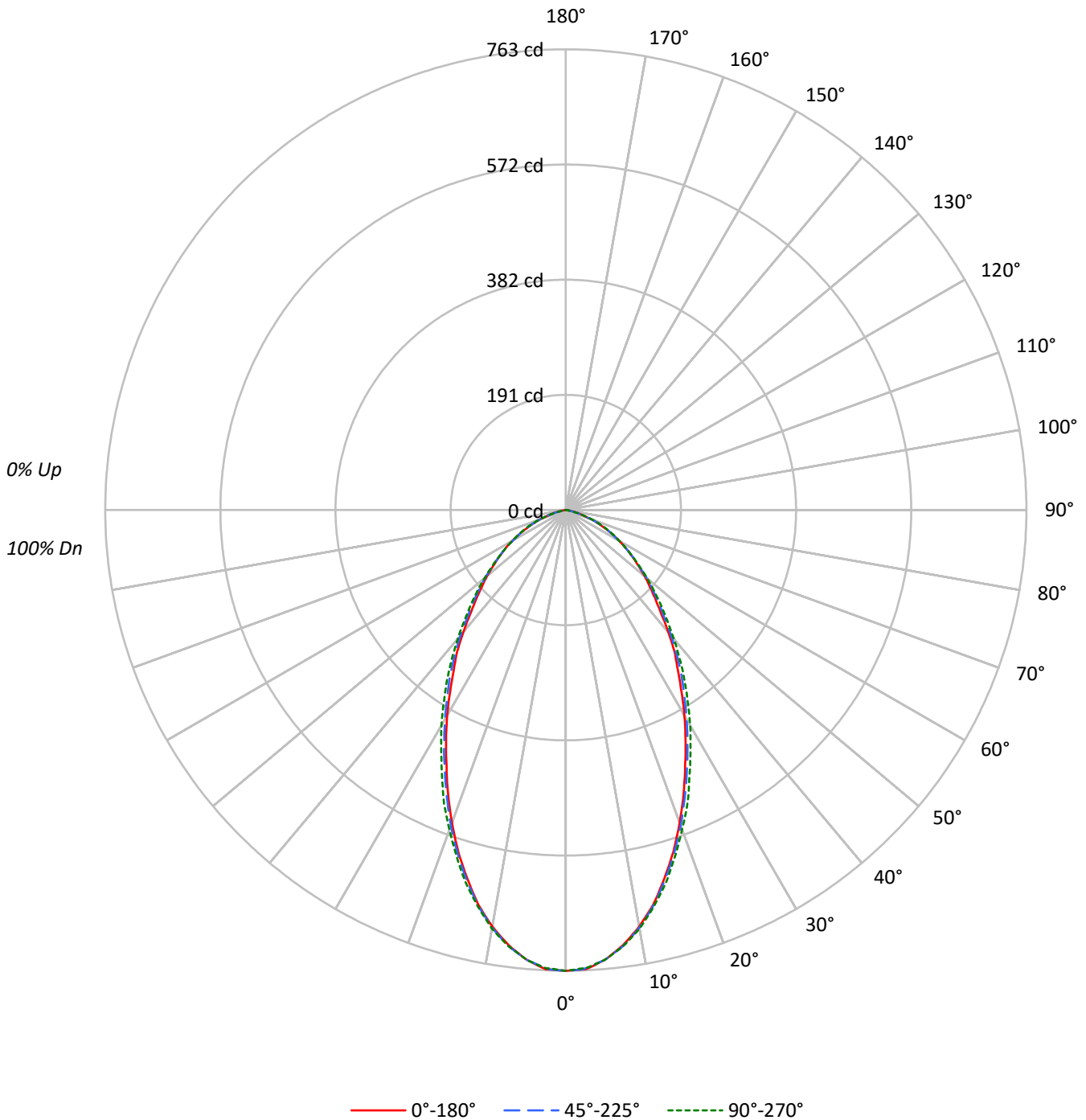
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1063.0 lumens
Efficiency: N/A
Efficacy: 54.8 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): 19.4
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





TEST NUMBER: P#

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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° | 167355 | 167355 | 167355 |
| 5° | 164538 | 164538 | 164538 |
| 10° | 155998 | 156377 | 156777 |
| 15° | 143270 | 144042 | 145245 |
| 20° | 128601 | 129815 | 131448 |
| 25° | 113136 | 114829 | 117345 |
| 30° | 99484 | 101231 | 104320 |
| 35° | 86572 | 89356 | 91685 |
| 40° | 75627 | 77631 | 79635 |
| 45° | 65247 | 67387 | 68999 |
| 50° | 58130 | 59290 | 59904 |
| 55° | 51191 | 51840 | 51840 |
| 60° | 44996 | 44207 | 44996 |
| 65° | 36995 | 37877 | 38811 |
| 70° | 28979 | 28979 | 30069 |
| 75° | 19148 | 17707 | 17707 |
| 80° | 10986 | 8840 | 6566 |
| 85° | 4277 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°
 Vertical Angle: 45°
 Luminance: 68999 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 69.9 | 6.6 |
| 10°-20° | 177.2 | 16.7 |
| 20°-30° | 218.6 | 20.6 |
| 30°-40° | 208.3 | 19.6 |
| 40°-50° | 168.5 | 15.9 |
| 50°-60° | 121.4 | 11.4 |
| 60°-70° | 72.7 | 6.8 |
| 70°-80° | 24.4 | 2.3 |
| 80°-90° | 2.1 | 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° | 465.7 | 43.8 |
| 0°-40° | 674.0 | 63.4 |
| 0°-60° | 963.9 | 90.7 |
| 0°-90° | 1063.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1063.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 763 | 763 | 763 | 763 | 763 | |
| 5° | 748 | 748 | 748 | 748 | 748 | 70 |
| 15° | 631 | 632 | 634 | 637 | 640 | 176 |
| 25° | 468 | 471 | 475 | 482 | 485 | 215 |
| 35° | 323 | 326 | 334 | 340 | 342 | 203 |
| 45° | 210 | 213 | 217 | 221 | 222 | 164 |
| 55° | 134 | 134 | 136 | 136 | 136 | 120 |
| 65° | 71 | 73 | 73 | 75 | 75 | 71 |
| 75° | 23 | 23 | 21 | 21 | 21 | 25 |
| 85° | 2 | 2 | 0 | 0 | 0 | 3 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P#
 CATALOG NUMBER: P3ART17R70W2N902750DE010 E3LDWW1LI_5000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 763.2 | 763.2 | 763.2 | 763.2 | 763.2 | 763.2 | 763.2 | 763.2 | 763.2 | 763.2 | 763.2 |
| 2° | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 759.7 |
| 2.5° | 761.4 | 759.7 | 759.7 | 759.7 | 759.7 | 759.7 | 759.7 | 759.7 | 759.7 | 761.4 | 759.7 |
| 5° | 747.5 | 747.5 | 747.5 | 747.5 | 747.5 | 747.5 | 747.5 | 747.5 | 749.3 | 747.5 | 747.5 |
| 7.5° | 726.7 | 726.7 | 726.7 | 726.7 | 728.4 | 728.4 | 728.4 | 728.4 | 730.2 | 730.2 | 728.4 |
| 10° | 700.6 | 700.6 | 700.6 | 700.6 | 702.3 | 702.3 | 704.1 | 702.3 | 702.3 | 704.1 | 704.1 |
| 12.5° | 669.3 | 667.6 | 667.6 | 667.6 | 669.3 | 671.0 | 671.0 | 671.0 | 672.8 | 672.8 | 672.8 |
| 15° | 631.1 | 631.1 | 631.1 | 632.8 | 632.8 | 634.5 | 636.3 | 636.3 | 638.0 | 638.0 | 639.8 |
| 17.5° | 592.8 | 592.8 | 591.1 | 592.8 | 594.6 | 596.3 | 598.0 | 599.8 | 601.5 | 601.5 | 601.5 |
| 20° | 551.1 | 549.4 | 551.1 | 552.8 | 554.6 | 556.3 | 558.0 | 561.5 | 563.3 | 563.3 | 563.3 |
| 22.5° | 509.4 | 507.6 | 509.4 | 511.1 | 512.8 | 514.6 | 519.8 | 521.5 | 523.3 | 523.3 | 526.8 |
| 25° | 467.6 | 467.6 | 469.4 | 471.1 | 472.9 | 474.6 | 478.1 | 481.6 | 483.3 | 485.0 | 485.0 |
| 27.5° | 429.4 | 429.4 | 429.4 | 429.4 | 432.9 | 436.4 | 439.8 | 443.3 | 445.0 | 446.8 | 446.8 |
| 30° | 392.9 | 391.2 | 391.2 | 392.9 | 396.4 | 399.8 | 403.3 | 406.8 | 408.5 | 410.3 | 412.0 |
| 32.5° | 356.4 | 356.4 | 356.4 | 358.1 | 359.9 | 365.1 | 368.6 | 370.3 | 373.8 | 375.5 | 375.5 |
| 35° | 323.4 | 323.4 | 323.4 | 326.8 | 330.3 | 333.8 | 335.5 | 339.0 | 342.5 | 342.5 | 342.5 |
| 37.5° | 295.5 | 297.3 | 300.8 | 299.0 | 299.0 | 300.8 | 302.5 | 306.0 | 309.4 | 309.4 | 309.4 |
| 40° | 264.2 | 266.0 | 267.7 | 266.0 | 267.7 | 271.2 | 272.9 | 274.7 | 276.4 | 278.2 | 278.2 |
| 42.5° | 234.7 | 234.7 | 234.7 | 236.4 | 239.9 | 241.6 | 245.1 | 246.9 | 248.6 | 248.6 | 248.6 |
| 45° | 210.4 | 210.4 | 212.1 | 213.8 | 215.6 | 217.3 | 219.0 | 220.8 | 222.5 | 222.5 | 222.5 |
| 47.5° | 189.5 | 189.5 | 191.2 | 191.2 | 193.0 | 194.7 | 196.4 | 196.4 | 198.2 | 199.9 | 198.2 |
| 50° | 170.4 | 170.4 | 170.4 | 172.1 | 172.1 | 173.8 | 173.8 | 175.6 | 175.6 | 175.6 | 175.6 |
| 52.5° | 151.2 | 151.2 | 151.2 | 151.2 | 153.0 | 153.0 | 153.0 | 154.7 | 154.7 | 154.7 | 154.7 |
| 55° | 133.9 | 133.9 | 133.9 | 133.9 | 133.9 | 135.6 | 135.6 | 135.6 | 135.6 | 135.6 | 135.6 |
| 57.5° | 118.2 | 118.2 | 118.2 | 118.2 | 118.2 | 118.2 | 118.2 | 118.2 | 118.2 | 118.2 | 118.2 |
| 60° | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 100.8 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 |
| 62.5° | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 88.7 | 88.7 | 88.7 | 88.7 |
| 65° | 71.3 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 74.8 | 74.8 | 74.8 | 74.8 |
| 67.5° | 57.4 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 60.8 | 60.8 | 60.8 |
| 70° | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 46.9 |
| 72.5° | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 33.0 | 33.0 | 33.0 |
| 75° | 22.6 | 22.6 | 22.6 | 22.6 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 |
| 77.5° | 15.6 | 15.6 | 15.6 | 13.9 | 13.9 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 10.4 |
| 80° | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 7.0 | 7.0 | 5.2 | 5.2 | 5.2 | 5.2 |
| 82.5° | 5.2 | 5.2 | 5.2 | 3.5 | 3.5 | 3.5 | 3.5 | 1.7 | 1.7 | 1.7 | 1.7 |
| 85° | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 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)