

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 E3LDWW1WMH_3000K

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 E3LDWW1WMH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
E3LDWW1WMH TRIM
Light Source: -
Ballast/Driver: -

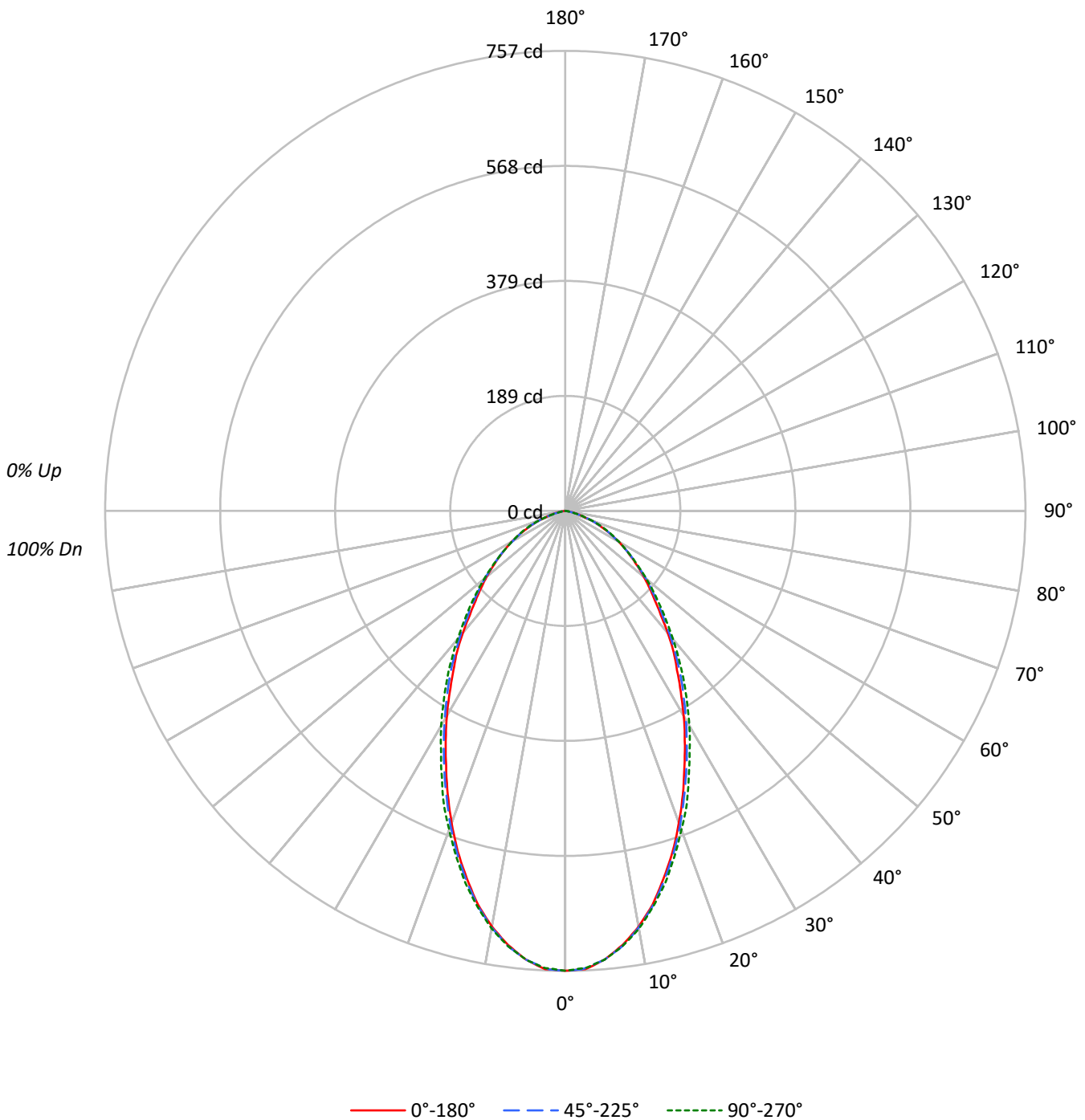
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1054.0 lumens
Efficiency: N/A
Efficacy: 54.3 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): 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° | 165930 | 165930 | 165930 |
| 5° | 163152 | 163152 | 163152 |
| 10° | 154684 | 155063 | 155441 |
| 15° | 142044 | 142839 | 143996 |
| 20° | 127504 | 128718 | 130328 |
| 25° | 112192 | 113861 | 116353 |
| 30° | 98648 | 100395 | 103434 |
| 35° | 85822 | 88606 | 90908 |
| 40° | 74998 | 76973 | 78948 |
| 45° | 64689 | 66829 | 68410 |
| 50° | 57619 | 58813 | 59393 |
| 55° | 50732 | 51420 | 51420 |
| 60° | 44602 | 43856 | 44602 |
| 65° | 36684 | 37566 | 38448 |
| 70° | 28723 | 28723 | 29813 |
| 75° | 18978 | 17538 | 17538 |
| 80° | 10860 | 8713 | 6566 |
| 85° | 4277 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°
 Vertical Angle: 45°
 Luminance: 68410 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 69.3 | 6.6 |
| 10°-20° | 175.7 | 16.7 |
| 20°-30° | 216.7 | 20.6 |
| 30°-40° | 206.5 | 19.6 |
| 40°-50° | 167.1 | 15.9 |
| 50°-60° | 120.4 | 11.4 |
| 60°-70° | 72.1 | 6.8 |
| 70°-80° | 24.1 | 2.3 |
| 80°-90° | 2.0 | 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° | 461.8 | 43.8 |
| 0°-40° | 668.3 | 63.4 |
| 0°-60° | 955.8 | 90.7 |
| 0°-90° | 1054.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1054.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 757 | 757 | 757 | 757 | 757 | |
| 5° | 741 | 741 | 741 | 742 | 741 | 69 |
| 15° | 626 | 627 | 629 | 631 | 634 | 175 |
| 25° | 464 | 467 | 471 | 478 | 481 | 213 |
| 35° | 321 | 323 | 331 | 337 | 340 | 202 |
| 45° | 209 | 212 | 216 | 219 | 221 | 163 |
| 55° | 133 | 133 | 134 | 134 | 134 | 119 |
| 65° | 71 | 72 | 72 | 74 | 74 | 71 |
| 75° | 22 | 22 | 21 | 21 | 21 | 25 |
| 85° | 2 | 2 | 0 | 0 | 0 | 3 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P#
 CATALOG NUMBER: P3ART17R70W2N902750DE010 E3LDWW1WMH_3000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 756.7 | 756.7 | 756.7 | 756.7 | 756.7 | 756.7 | 756.7 | 756.7 | 756.7 | 756.7 | 756.7 |
| 2° | 755.0 | 755.0 | 755.0 | 755.0 | 755.0 | 755.0 | 755.0 | 755.0 | 755.0 | 755.0 | 753.3 |
| 2.5° | 755.0 | 753.3 | 753.3 | 753.3 | 753.3 | 753.3 | 753.3 | 753.3 | 753.3 | 755.0 | 753.3 |
| 5° | 741.2 | 741.2 | 741.2 | 741.2 | 741.2 | 741.2 | 741.2 | 741.2 | 742.9 | 741.2 | 741.2 |
| 7.5° | 720.5 | 720.5 | 720.5 | 720.5 | 722.2 | 722.2 | 722.2 | 722.2 | 724.0 | 724.0 | 722.2 |
| 10° | 694.7 | 694.7 | 694.7 | 694.7 | 696.4 | 696.4 | 698.1 | 696.4 | 696.4 | 698.1 | 698.1 |
| 12.5° | 663.6 | 661.9 | 661.9 | 661.9 | 663.6 | 665.4 | 665.4 | 665.4 | 667.1 | 667.1 | 667.1 |
| 15° | 625.7 | 625.7 | 625.7 | 627.4 | 627.4 | 629.2 | 630.9 | 630.9 | 632.6 | 632.6 | 634.3 |
| 17.5° | 587.8 | 587.8 | 586.1 | 587.8 | 589.5 | 591.2 | 593.0 | 594.7 | 596.4 | 596.4 | 596.4 |
| 20° | 546.4 | 544.7 | 546.4 | 548.2 | 549.9 | 551.6 | 553.3 | 556.8 | 558.5 | 558.5 | 558.5 |
| 22.5° | 505.1 | 503.3 | 505.1 | 506.8 | 508.5 | 510.2 | 515.4 | 517.1 | 518.8 | 518.8 | 522.3 |
| 25° | 463.7 | 463.7 | 465.4 | 467.1 | 468.9 | 470.6 | 474.0 | 477.5 | 479.2 | 480.9 | 480.9 |
| 27.5° | 425.8 | 425.8 | 425.8 | 425.8 | 429.2 | 432.7 | 436.1 | 439.6 | 441.3 | 443.0 | 443.0 |
| 30° | 389.6 | 387.8 | 387.8 | 389.6 | 393.0 | 396.5 | 399.9 | 403.4 | 405.1 | 406.8 | 408.5 |
| 32.5° | 353.4 | 353.4 | 353.4 | 355.1 | 356.8 | 362.0 | 365.4 | 367.2 | 370.6 | 372.3 | 372.3 |
| 35° | 320.6 | 320.6 | 320.6 | 324.1 | 327.5 | 331.0 | 332.7 | 336.1 | 339.6 | 339.6 | 339.6 |
| 37.5° | 293.0 | 294.8 | 298.2 | 296.5 | 296.5 | 298.2 | 299.9 | 303.4 | 306.8 | 306.8 | 306.8 |
| 40° | 262.0 | 263.7 | 265.5 | 263.7 | 265.5 | 268.9 | 270.6 | 272.4 | 274.1 | 275.8 | 275.8 |
| 42.5° | 232.7 | 232.7 | 232.7 | 234.4 | 237.9 | 239.6 | 243.0 | 244.8 | 246.5 | 246.5 | 246.5 |
| 45° | 208.6 | 208.6 | 210.3 | 212.0 | 213.7 | 215.5 | 217.2 | 218.9 | 220.6 | 220.6 | 220.6 |
| 47.5° | 187.9 | 187.9 | 189.6 | 189.6 | 191.3 | 193.1 | 194.8 | 194.8 | 196.5 | 198.2 | 196.5 |
| 50° | 168.9 | 168.9 | 168.9 | 170.7 | 170.7 | 172.4 | 172.4 | 174.1 | 174.1 | 174.1 | 174.1 |
| 52.5° | 150.0 | 150.0 | 150.0 | 150.0 | 151.7 | 151.7 | 151.7 | 153.4 | 153.4 | 153.4 | 153.4 |
| 55° | 132.7 | 132.7 | 132.7 | 132.7 | 132.7 | 134.5 | 134.5 | 134.5 | 134.5 | 134.5 | 134.5 |
| 57.5° | 117.2 | 117.2 | 117.2 | 117.2 | 117.2 | 117.2 | 117.2 | 117.2 | 117.2 | 117.2 | 117.2 |
| 60° | 101.7 | 101.7 | 101.7 | 101.7 | 101.7 | 100.0 | 101.7 | 101.7 | 101.7 | 101.7 | 101.7 |
| 62.5° | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 87.9 | 87.9 | 87.9 | 87.9 |
| 65° | 70.7 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 74.1 | 74.1 | 74.1 | 74.1 |
| 67.5° | 56.9 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 60.3 | 60.3 | 60.3 |
| 70° | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 46.5 |
| 72.5° | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 32.8 | 32.8 | 32.8 |
| 75° | 22.4 | 22.4 | 22.4 | 22.4 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 |
| 77.5° | 15.5 | 15.5 | 15.5 | 13.8 | 13.8 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 10.3 |
| 80° | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 6.9 | 6.9 | 5.2 | 5.2 | 5.2 | 5.2 |
| 82.5° | 5.2 | 5.2 | 5.2 | 3.4 | 3.4 | 3.4 | 3.4 | 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)