

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: P3ART09R709030D2WDE010 E3LDWW1LI

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: P3ART09R709030D2WDE010 E3LDWW1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
E3LDWW1LI TRIM
Light Source: -
Ballast/Driver: -

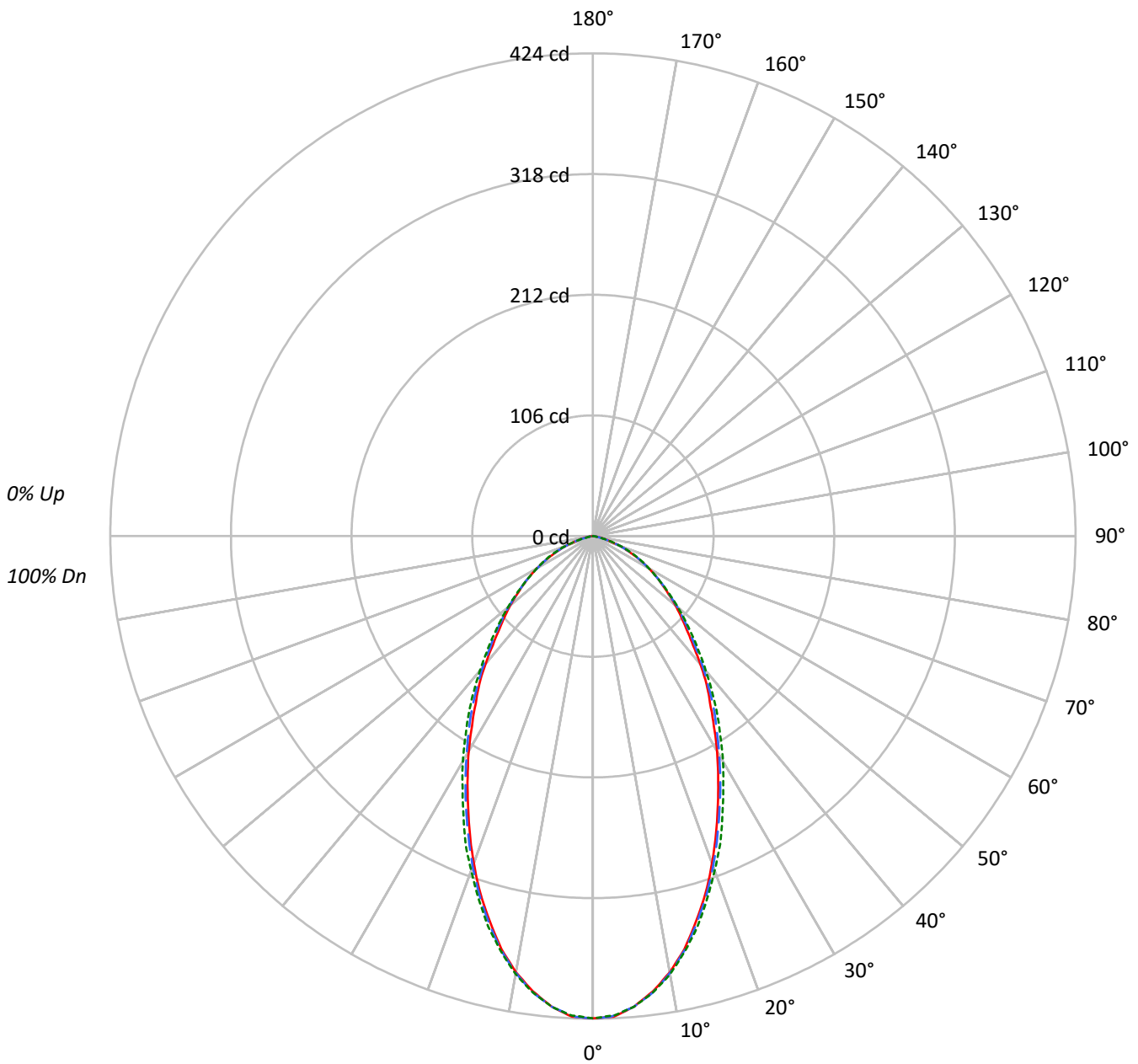
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 590.0 lumens
Efficiency: N/A
Efficacy: 40.1 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): 14.7
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: P#
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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 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 102 | 102 | 100 |
| 1 | 111 | 108 | 104 | 101 | 109 | 105 | 102 | 100 | 101 | 99 | 97 | 97 | 95 | 94 | 94 | 92 | 91 | 91 | 91 | 91 | 89 |
| 2 | 103 | 97 | 91 | 87 | 101 | 95 | 90 | 86 | 92 | 87 | 84 | 88 | 85 | 82 | 85 | 83 | 80 | 80 | 80 | 80 | 78 |
| 3 | 96 | 87 | 81 | 75 | 94 | 86 | 80 | 75 | 83 | 78 | 73 | 80 | 76 | 72 | 78 | 74 | 71 | 71 | 71 | 71 | 69 |
| 4 | 89 | 79 | 72 | 66 | 87 | 78 | 71 | 66 | 76 | 70 | 65 | 73 | 68 | 64 | 71 | 67 | 63 | 63 | 63 | 63 | 61 |
| 5 | 83 | 72 | 64 | 59 | 81 | 71 | 64 | 59 | 69 | 63 | 58 | 67 | 62 | 57 | 66 | 61 | 57 | 57 | 57 | 57 | 55 |
| 6 | 78 | 66 | 58 | 53 | 76 | 65 | 58 | 53 | 64 | 57 | 52 | 62 | 56 | 52 | 61 | 55 | 51 | 51 | 51 | 51 | 50 |
| 7 | 73 | 61 | 53 | 48 | 71 | 60 | 53 | 48 | 59 | 52 | 47 | 57 | 52 | 47 | 56 | 51 | 47 | 47 | 47 | 47 | 45 |
| 8 | 68 | 56 | 49 | 44 | 67 | 56 | 49 | 44 | 54 | 48 | 43 | 53 | 47 | 43 | 52 | 47 | 43 | 43 | 43 | 43 | 41 |
| 9 | 64 | 52 | 45 | 40 | 63 | 52 | 45 | 40 | 51 | 44 | 40 | 50 | 44 | 40 | 49 | 43 | 40 | 40 | 40 | 40 | 38 |
| 10 | 61 | 49 | 42 | 37 | 60 | 48 | 42 | 37 | 47 | 41 | 37 | 47 | 41 | 37 | 46 | 40 | 37 | 37 | 37 | 37 | 35 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 92887 | 92887 | 92887 |
| 5° | 91327 | 91327 | 91327 |
| 10° | 86594 | 86794 | 87017 |
| 15° | 79524 | 79955 | 80613 |
| 20° | 71383 | 72060 | 72946 |
| 25° | 62810 | 63729 | 65133 |
| 30° | 55224 | 56186 | 57908 |
| 35° | 48051 | 49603 | 50888 |
| 40° | 41993 | 43081 | 44197 |
| 45° | 36221 | 37399 | 38299 |
| 50° | 32272 | 32920 | 33261 |
| 55° | 28405 | 28788 | 28788 |
| 60° | 24954 | 24559 | 24954 |
| 65° | 20547 | 21014 | 21533 |
| 70° | 16092 | 16092 | 16734 |
| 75° | 10590 | 9828 | 9828 |
| 80° | 6061 | 4925 | 3662 |
| 85° | 2516 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°
 Vertical Angle: 45°
 Luminance: 38299 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 38.8 | 6.6 |
| 10°-20° | 98.4 | 16.7 |
| 20°-30° | 121.3 | 20.6 |
| 30°-40° | 115.6 | 19.6 |
| 40°-50° | 93.5 | 15.9 |
| 50°-60° | 67.4 | 11.4 |
| 60°-70° | 40.3 | 6.8 |
| 70°-80° | 13.5 | 2.3 |
| 80°-90° | 1.2 | 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° | 258.5 | 43.8 |
| 0°-40° | 374.1 | 63.4 |
| 0°-60° | 535.0 | 90.7 |
| 0°-90° | 590.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 590.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 424 | 424 | 424 | 424 | 424 | |
| 5° | 415 | 415 | 415 | 415 | 415 | 39 |
| 15° | 350 | 351 | 352 | 353 | 355 | 98 |
| 25° | 260 | 261 | 263 | 268 | 269 | 119 |
| 35° | 180 | 181 | 185 | 189 | 190 | 113 |
| 45° | 117 | 118 | 121 | 123 | 124 | 91 |
| 55° | 74 | 74 | 75 | 75 | 75 | 67 |
| 65° | 40 | 40 | 40 | 42 | 42 | 40 |
| 75° | 12 | 12 | 12 | 12 | 12 | 14 |
| 85° | 1 | 1 | 0 | 0 | 0 | 2 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P#
 CATALOG NUMBER: P3ART09R709030D2WDE010 E3LDWW1LI

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 423.6 | 423.6 | 423.6 | 423.6 | 423.6 | 423.6 | 423.6 | 423.6 | 423.6 | 423.6 | 423.6 |
| 2° | 422.6 | 422.6 | 422.6 | 422.6 | 422.6 | 422.6 | 422.6 | 422.6 | 422.6 | 422.6 | 421.7 |
| 2.5° | 422.6 | 421.7 | 421.7 | 421.7 | 421.7 | 421.7 | 421.7 | 421.7 | 421.7 | 422.6 | 421.7 |
| 5° | 414.9 | 414.9 | 414.9 | 414.9 | 414.9 | 414.9 | 414.9 | 414.9 | 415.9 | 414.9 | 414.9 |
| 7.5° | 403.3 | 403.3 | 403.3 | 403.3 | 404.3 | 404.3 | 404.3 | 404.3 | 405.3 | 405.3 | 404.3 |
| 10° | 388.9 | 388.9 | 388.9 | 388.9 | 389.8 | 389.8 | 390.8 | 389.8 | 389.8 | 390.8 | 390.8 |
| 12.5° | 371.5 | 370.5 | 370.5 | 370.5 | 371.5 | 372.5 | 372.5 | 372.5 | 373.4 | 373.4 | 373.4 |
| 15° | 350.3 | 350.3 | 350.3 | 351.2 | 351.2 | 352.2 | 353.2 | 353.2 | 354.1 | 354.1 | 355.1 |
| 17.5° | 329.0 | 329.0 | 328.1 | 329.0 | 330.0 | 331.0 | 331.9 | 332.9 | 333.9 | 333.9 | 333.9 |
| 20° | 305.9 | 304.9 | 305.9 | 306.8 | 307.8 | 308.8 | 309.7 | 311.7 | 312.6 | 312.6 | 312.6 |
| 22.5° | 282.7 | 281.8 | 282.7 | 283.7 | 284.6 | 285.6 | 288.5 | 289.5 | 290.4 | 290.4 | 292.4 |
| 25° | 259.6 | 259.6 | 260.5 | 261.5 | 262.5 | 263.4 | 265.3 | 267.3 | 268.2 | 269.2 | 269.2 |
| 27.5° | 238.3 | 238.3 | 238.3 | 238.3 | 240.3 | 242.2 | 244.1 | 246.1 | 247.0 | 248.0 | 248.0 |
| 30° | 218.1 | 217.1 | 217.1 | 218.1 | 220.0 | 221.9 | 223.9 | 225.8 | 226.8 | 227.7 | 228.7 |
| 32.5° | 197.8 | 197.8 | 197.8 | 198.8 | 199.7 | 202.6 | 204.6 | 205.5 | 207.5 | 208.4 | 208.4 |
| 35° | 179.5 | 179.5 | 179.5 | 181.4 | 183.3 | 185.3 | 186.2 | 188.2 | 190.1 | 190.1 | 190.1 |
| 37.5° | 164.0 | 165.0 | 166.9 | 166.0 | 166.0 | 166.9 | 167.9 | 169.8 | 171.8 | 171.8 | 171.8 |
| 40° | 146.7 | 147.6 | 148.6 | 147.6 | 148.6 | 150.5 | 151.5 | 152.5 | 153.4 | 154.4 | 154.4 |
| 42.5° | 130.3 | 130.3 | 130.3 | 131.2 | 133.2 | 134.1 | 136.1 | 137.0 | 138.0 | 138.0 | 138.0 |
| 45° | 116.8 | 116.8 | 117.7 | 118.7 | 119.6 | 120.6 | 121.6 | 122.5 | 123.5 | 123.5 | 123.5 |
| 47.5° | 105.2 | 105.2 | 106.1 | 106.1 | 107.1 | 108.1 | 109.0 | 109.0 | 110.0 | 111.0 | 110.0 |
| 50° | 94.6 | 94.6 | 94.6 | 95.5 | 95.5 | 96.5 | 96.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| 52.5° | 83.9 | 83.9 | 83.9 | 83.9 | 84.9 | 84.9 | 84.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| 55° | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| 57.5° | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| 60° | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.0 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| 62.5° | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| 65° | 39.6 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 67.5° | 31.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 33.8 | 33.8 | 33.8 |
| 70° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 26.1 |
| 72.5° | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 18.3 | 18.3 | 18.3 |
| 75° | 12.5 | 12.5 | 12.5 | 12.5 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 |
| 77.5° | 8.7 | 8.7 | 8.7 | 7.7 | 7.7 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 5.8 |
| 80° | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 3.9 | 3.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 82.5° | 2.9 | 2.9 | 2.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.0 | 1.0 | 1.0 | 1.0 |
| 85° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 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)