

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: P1248518

Luminaire Tested: P3AS05R359027DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248518
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R359027DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

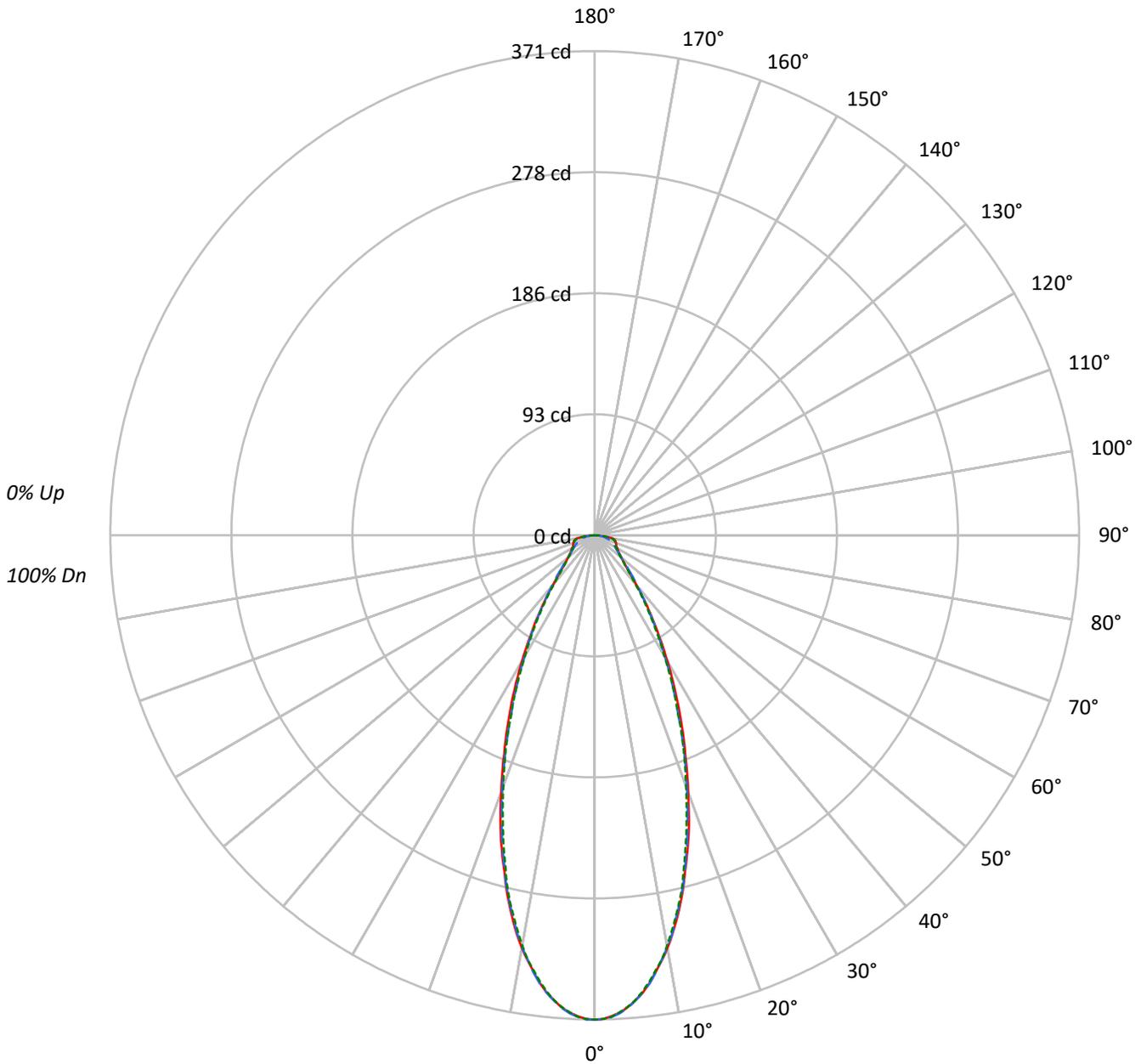
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 307.0 lumens
Efficiency: N/A
Efficacy: 42.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
Input Voltage (V): NR
Input Current (A_{in}): 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



— 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 | 107 | 104 | 101 | 109 | 105 | 102 | 99 | 101 | 99 | 96 | 97 | 95 | 93 | 94 | 92 | 91 | 91 | 91 | 91 | 89 |
| 2 | 104 | 98 | 92 | 88 | 101 | 96 | 91 | 87 | 92 | 88 | 85 | 89 | 86 | 83 | 86 | 84 | 81 | 81 | 81 | 81 | 79 |
| 3 | 97 | 89 | 83 | 78 | 95 | 88 | 82 | 77 | 85 | 80 | 76 | 82 | 78 | 75 | 80 | 77 | 74 | 74 | 74 | 74 | 72 |
| 4 | 92 | 82 | 75 | 70 | 90 | 81 | 75 | 70 | 79 | 73 | 69 | 77 | 72 | 68 | 75 | 71 | 67 | 67 | 67 | 67 | 65 |
| 5 | 86 | 76 | 69 | 64 | 84 | 75 | 69 | 64 | 73 | 68 | 63 | 72 | 67 | 63 | 70 | 65 | 62 | 62 | 62 | 62 | 60 |
| 6 | 82 | 71 | 64 | 59 | 80 | 70 | 64 | 59 | 69 | 63 | 58 | 67 | 62 | 58 | 66 | 61 | 57 | 57 | 57 | 57 | 56 |
| 7 | 77 | 66 | 60 | 55 | 76 | 66 | 59 | 54 | 64 | 58 | 54 | 63 | 58 | 54 | 62 | 57 | 54 | 54 | 54 | 54 | 52 |
| 8 | 73 | 62 | 56 | 51 | 72 | 62 | 55 | 51 | 61 | 55 | 51 | 60 | 54 | 50 | 59 | 54 | 50 | 50 | 50 | 50 | 49 |
| 9 | 70 | 59 | 52 | 48 | 68 | 58 | 52 | 48 | 57 | 52 | 47 | 56 | 51 | 47 | 55 | 51 | 47 | 47 | 47 | 47 | 46 |
| 10 | 66 | 56 | 49 | 45 | 65 | 55 | 49 | 45 | 54 | 49 | 45 | 53 | 48 | 45 | 53 | 48 | 44 | 44 | 44 | 44 | 43 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 81375 | 81375 | 81375 |
| 5° | 78692 | 78802 | 78692 |
| 10° | 71497 | 71386 | 71074 |
| 15° | 60681 | 60477 | 59932 |
| 20° | 48864 | 48211 | 47767 |
| 25° | 37768 | 36631 | 36631 |
| 30° | 28156 | 27219 | 26966 |
| 35° | 20264 | 20023 | 19515 |
| 40° | 14169 | 14570 | 13654 |
| 45° | 10575 | 11164 | 10296 |
| 50° | 9074 | 9074 | 8938 |
| 55° | 8564 | 8220 | 8411 |
| 60° | 8815 | 7982 | 8420 |
| 65° | 9443 | 7990 | 9236 |
| 70° | 11092 | 8399 | 10771 |
| 75° | 13895 | 8727 | 13471 |
| 80° | 17679 | 9471 | 15911 |
| 85° | 14089 | 9309 | 14089 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 17679 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 33.0 | 10.7 |
| 10°-20° | 73.5 | 24.0 |
| 20°-30° | 70.2 | 22.9 |
| 30°-40° | 47.2 | 15.4 |
| 40°-50° | 27.7 | 9.0 |
| 50°-60° | 19.8 | 6.5 |
| 60°-70° | 16.5 | 5.4 |
| 70°-80° | 13.5 | 4.4 |
| 80°-90° | 5.6 | 1.8 |
| 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° | 176.7 | 57.6 |
| 0°-40° | 223.9 | 72.9 |
| 0°-60° | 271.4 | 88.4 |
| 0°-90° | 307.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 307.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 371 | 371 | 371 | 371 | 371 | |
| 5° | 358 | 358 | 358 | 358 | 358 | 33 |
| 15° | 267 | 268 | 266 | 264 | 264 | 74 |
| 25° | 156 | 154 | 151 | 151 | 151 | 72 |
| 35° | 76 | 76 | 75 | 73 | 73 | 48 |
| 45° | 34 | 35 | 36 | 34 | 33 | 27 |
| 55° | 22 | 22 | 22 | 22 | 22 | 20 |
| 65° | 18 | 16 | 15 | 16 | 18 | 18 |
| 75° | 16 | 13 | 10 | 13 | 16 | 17 |
| 85° | 6 | 6 | 4 | 6 | 6 | 6 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|-------|-------|-------|-------|-------|
| 0° | 371.1 | 371.1 | 371.1 | 371.1 | 371.1 |
| 1° | 370.6 | 371.1 | 371.1 | 370.6 | 370.6 |
| 2° | 368.7 | 369.7 | 369.2 | 368.7 | 369.2 |
| 3° | 366.4 | 367.3 | 366.8 | 366.4 | 365.9 |
| 4° | 362.6 | 363.6 | 363.1 | 362.2 | 362.2 |
| 5° | 357.5 | 358.4 | 358.0 | 357.5 | 357.5 |
| 6° | 352.4 | 353.3 | 352.4 | 351.4 | 351.4 |
| 7° | 345.4 | 346.8 | 345.8 | 344.9 | 344.4 |
| 8° | 337.4 | 338.8 | 337.9 | 337.4 | 336.5 |
| 9° | 329.5 | 330.4 | 329.0 | 329.0 | 329.0 |
| 10° | 321.1 | 321.5 | 320.6 | 319.2 | 319.2 |
| 11° | 311.7 | 311.2 | 310.8 | 309.8 | 308.9 |
| 12° | 301.4 | 301.4 | 300.0 | 299.1 | 298.6 |
| 13° | 290.7 | 290.2 | 289.3 | 288.3 | 288.3 |
| 14° | 279.5 | 279.5 | 278.5 | 276.7 | 277.1 |
| 15° | 267.3 | 267.8 | 266.4 | 264.5 | 264.0 |
| 17.5° | 239.7 | 238.8 | 236.5 | 235.1 | 233.7 |
| 20° | 209.4 | 208.9 | 206.6 | 205.2 | 204.7 |
| 22.5° | 181.3 | 180.9 | 178.5 | 177.1 | 178.1 |
| 25° | 156.1 | 154.2 | 151.4 | 151.4 | 151.4 |
| 27.5° | 132.7 | 130.4 | 128.5 | 127.6 | 128.5 |
| 30° | 111.2 | 109.4 | 107.5 | 107.0 | 106.5 |
| 32.5° | 92.1 | 91.1 | 90.2 | 88.8 | 88.8 |
| 35° | 75.7 | 75.7 | 74.8 | 73.4 | 72.9 |
| 37.5° | 61.7 | 62.2 | 61.7 | 60.3 | 59.8 |
| 40° | 49.5 | 50.5 | 50.9 | 49.5 | 47.7 |
| 42.5° | 40.7 | 42.1 | 43.0 | 40.7 | 39.3 |
| 45° | 34.1 | 35.0 | 36.0 | 34.1 | 33.2 |
| 47.5° | 29.9 | 30.4 | 30.8 | 29.4 | 29.0 |
| 50° | 26.6 | 26.6 | 26.6 | 26.2 | 26.2 |
| 52.5° | 24.3 | 24.3 | 23.8 | 23.4 | 23.4 |
| 55° | 22.4 | 22.0 | 21.5 | 21.5 | 22.0 |
| 57.5° | 21.0 | 20.6 | 19.6 | 20.1 | 20.6 |
| 60° | 20.1 | 19.2 | 18.2 | 18.7 | 19.2 |
| 62.5° | 18.7 | 17.8 | 16.8 | 17.3 | 18.2 |
| 65° | 18.2 | 16.4 | 15.4 | 16.4 | 17.8 |
| 67.5° | 17.8 | 15.4 | 14.0 | 15.4 | 17.3 |
| 70° | 17.3 | 14.5 | 13.1 | 14.5 | 16.8 |
| 72.5° | 16.8 | 13.6 | 11.7 | 13.6 | 16.4 |
| 75° | 16.4 | 12.6 | 10.3 | 12.6 | 15.9 |
| 77.5° | 15.4 | 11.7 | 8.9 | 11.7 | 14.5 |
| 80° | 14.0 | 10.7 | 7.5 | 10.3 | 12.6 |
| 82.5° | 10.3 | 8.9 | 6.1 | 8.9 | 9.3 |
| 85° | 5.6 | 6.1 | 3.7 | 6.1 | 5.6 |
| 87.5° | 0.5 | 0.9 | 0.9 | 2.8 | 1.9 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-----|-----|-------|-----|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)