

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: P3ART05R709830DE010 E3LDWW1GPH

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: P3ART05R709830DE010 E3LDWW1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 98CRI , E3LDWW1GPH TRIM
Light Source: -
Ballast/Driver: -

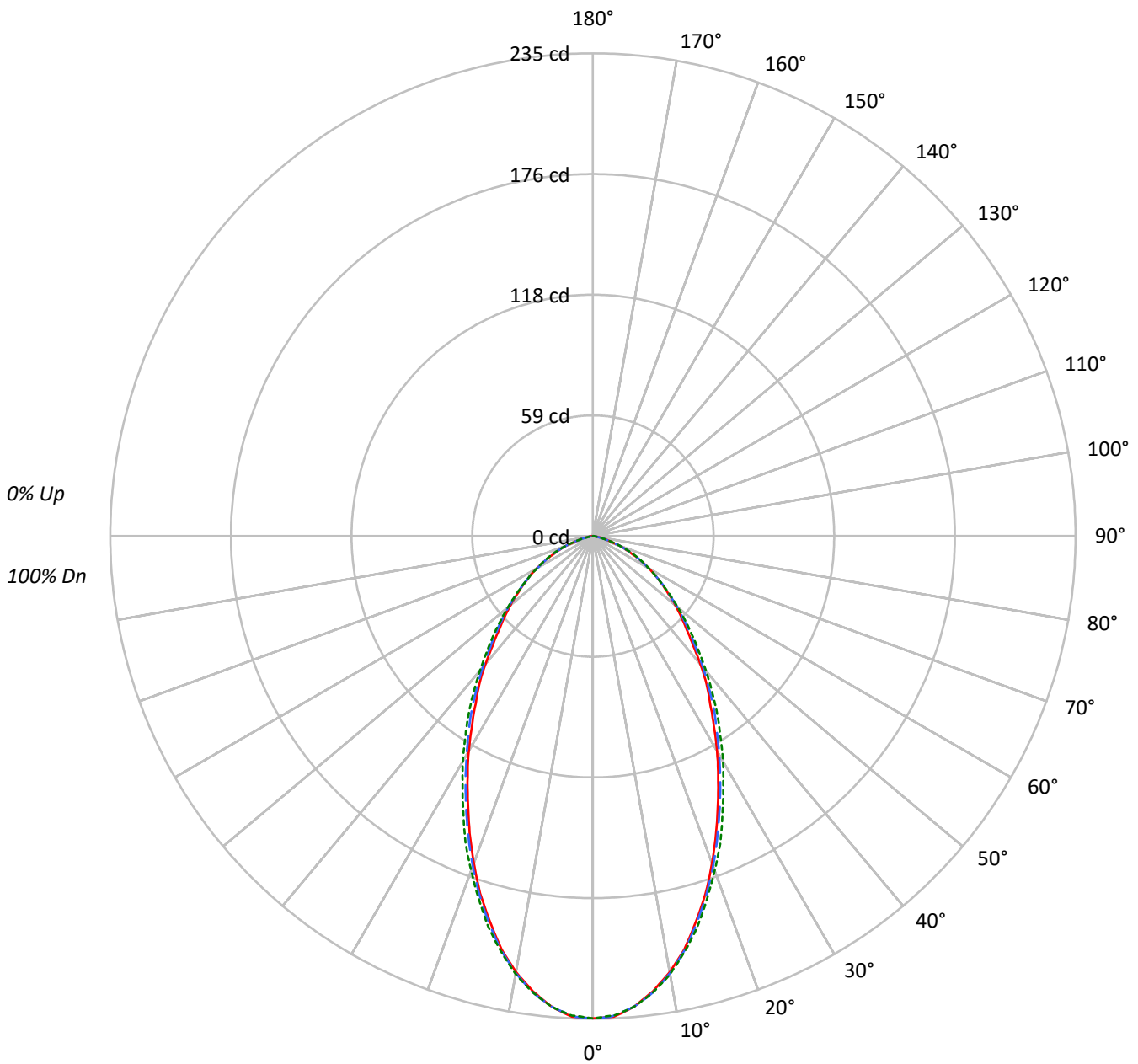
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 327.0 lumens
Efficiency: N/A
Efficacy: 45.4 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): 7.2
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

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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° | 51487 | 51487 | 51487 |
| 5° | 50627 | 50627 | 50627 |
| 10° | 47984 | 48118 | 48229 |
| 15° | 44064 | 44314 | 44677 |
| 20° | 39553 | 39927 | 40440 |
| 25° | 34817 | 35325 | 36099 |
| 30° | 30612 | 31144 | 32081 |
| 35° | 26635 | 27492 | 28215 |
| 40° | 23272 | 23873 | 24503 |
| 45° | 20064 | 20715 | 21243 |
| 50° | 17876 | 18251 | 18422 |
| 55° | 15751 | 15942 | 15942 |
| 60° | 13859 | 13595 | 13859 |
| 65° | 11363 | 11674 | 11934 |
| 70° | 8912 | 8912 | 9232 |
| 75° | 5931 | 5422 | 5422 |
| 80° | 3410 | 2652 | 2020 |
| 85° | 1258 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°

Vertical Angle: 45°

Luminance: 21243 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 21.5 | 6.6 |
| 10°-20° | 54.5 | 16.7 |
| 20°-30° | 67.2 | 20.6 |
| 30°-40° | 64.1 | 19.6 |
| 40°-50° | 51.8 | 15.9 |
| 50°-60° | 37.4 | 11.4 |
| 60°-70° | 22.4 | 6.8 |
| 70°-80° | 7.5 | 2.3 |
| 80°-90° | 0.6 | 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° | 143.3 | 43.8 |
| 0°-40° | 207.4 | 63.4 |
| 0°-60° | 296.5 | 90.7 |
| 0°-90° | 327.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 327.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 235 | 235 | 235 | 235 | 235 | |
| 5° | 230 | 230 | 230 | 230 | 230 | 21 |
| 15° | 194 | 195 | 195 | 196 | 197 | 54 |
| 25° | 144 | 145 | 146 | 148 | 149 | 66 |
| 35° | 100 | 100 | 103 | 105 | 105 | 63 |
| 45° | 65 | 66 | 67 | 68 | 68 | 50 |
| 55° | 41 | 41 | 42 | 42 | 42 | 37 |
| 65° | 22 | 22 | 22 | 23 | 23 | 22 |
| 75° | 7 | 7 | 6 | 6 | 6 | 8 |
| 85° | 0 | 0 | 0 | 0 | 0 | 1 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P#
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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 234.8 | 234.8 | 234.8 | 234.8 | 234.8 | 234.8 | 234.8 | 234.8 | 234.8 | 234.8 | 234.8 |
| 2° | 234.2 | 234.2 | 234.2 | 234.2 | 234.2 | 234.2 | 234.2 | 234.2 | 234.2 | 234.2 | 233.7 |
| 2.5° | 234.2 | 233.7 | 233.7 | 233.7 | 233.7 | 233.7 | 233.7 | 233.7 | 233.7 | 234.2 | 233.7 |
| 5° | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.5 | 230.0 | 230.0 |
| 7.5° | 223.5 | 223.5 | 223.5 | 223.5 | 224.1 | 224.1 | 224.1 | 224.1 | 224.6 | 224.6 | 224.1 |
| 10° | 215.5 | 215.5 | 215.5 | 215.5 | 216.1 | 216.1 | 216.6 | 216.1 | 216.1 | 216.6 | 216.6 |
| 12.5° | 205.9 | 205.4 | 205.4 | 205.4 | 205.9 | 206.4 | 206.4 | 206.4 | 207.0 | 207.0 | 207.0 |
| 15° | 194.1 | 194.1 | 194.1 | 194.7 | 194.7 | 195.2 | 195.7 | 195.7 | 196.3 | 196.3 | 196.8 |
| 17.5° | 182.4 | 182.4 | 181.8 | 182.4 | 182.9 | 183.4 | 184.0 | 184.5 | 185.0 | 185.0 | 185.0 |
| 20° | 169.5 | 169.0 | 169.5 | 170.1 | 170.6 | 171.1 | 171.7 | 172.7 | 173.3 | 173.3 | 173.3 |
| 22.5° | 156.7 | 156.2 | 156.7 | 157.2 | 157.8 | 158.3 | 159.9 | 160.4 | 161.0 | 161.0 | 162.0 |
| 25° | 143.9 | 143.9 | 144.4 | 144.9 | 145.5 | 146.0 | 147.1 | 148.1 | 148.7 | 149.2 | 149.2 |
| 27.5° | 132.1 | 132.1 | 132.1 | 132.1 | 133.2 | 134.2 | 135.3 | 136.4 | 136.9 | 137.4 | 137.4 |
| 30° | 120.9 | 120.3 | 120.3 | 120.9 | 121.9 | 123.0 | 124.1 | 125.1 | 125.7 | 126.2 | 126.7 |
| 32.5° | 109.6 | 109.6 | 109.6 | 110.2 | 110.7 | 112.3 | 113.4 | 113.9 | 115.0 | 115.5 | 115.5 |
| 35° | 99.5 | 99.5 | 99.5 | 100.5 | 101.6 | 102.7 | 103.2 | 104.3 | 105.4 | 105.4 | 105.4 |
| 37.5° | 90.9 | 91.4 | 92.5 | 92.0 | 92.0 | 92.5 | 93.1 | 94.1 | 95.2 | 95.2 | 95.2 |
| 40° | 81.3 | 81.8 | 82.4 | 81.8 | 82.4 | 83.4 | 84.0 | 84.5 | 85.0 | 85.6 | 85.6 |
| 42.5° | 72.2 | 72.2 | 72.2 | 72.7 | 73.8 | 74.3 | 75.4 | 75.9 | 76.5 | 76.5 | 76.5 |
| 45° | 64.7 | 64.7 | 65.2 | 65.8 | 66.3 | 66.8 | 67.4 | 67.9 | 68.5 | 68.5 | 68.5 |
| 47.5° | 58.3 | 58.3 | 58.8 | 58.8 | 59.4 | 59.9 | 60.4 | 60.4 | 61.0 | 61.5 | 61.0 |
| 50° | 52.4 | 52.4 | 52.4 | 52.9 | 52.9 | 53.5 | 53.5 | 54.0 | 54.0 | 54.0 | 54.0 |
| 52.5° | 46.5 | 46.5 | 46.5 | 46.5 | 47.1 | 47.1 | 47.1 | 47.6 | 47.6 | 47.6 | 47.6 |
| 55° | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| 57.5° | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 |
| 60° | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.0 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 |
| 62.5° | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 27.3 | 27.3 | 27.3 | 27.3 |
| 65° | 21.9 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 23.0 | 23.0 | 23.0 | 23.0 |
| 67.5° | 17.6 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.7 | 18.7 | 18.7 |
| 70° | 13.9 | 13.9 | 13.9 | 13.9 | 13.9 | 13.9 | 13.9 | 13.9 | 13.9 | 13.9 | 14.4 |
| 72.5° | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 10.2 | 10.2 | 10.2 |
| 75° | 7.0 | 7.0 | 7.0 | 7.0 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 |
| 77.5° | 4.8 | 4.8 | 4.8 | 4.3 | 4.3 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.2 |
| 80° | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.1 | 2.1 | 1.6 | 1.6 | 1.6 | 1.6 |
| 82.5° | 1.6 | 1.6 | 1.6 | 1.1 | 1.1 | 1.1 | 1.1 | 0.5 | 0.5 | 0.5 | 0.5 |
| 85° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 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)