

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: P3ART05R709835DE010 E3LDWW1WMH

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: P3ART05R709835DE010 E3LDWW1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3LDWW1WMH TRIM
Light Source: -
Ballast/Driver: -

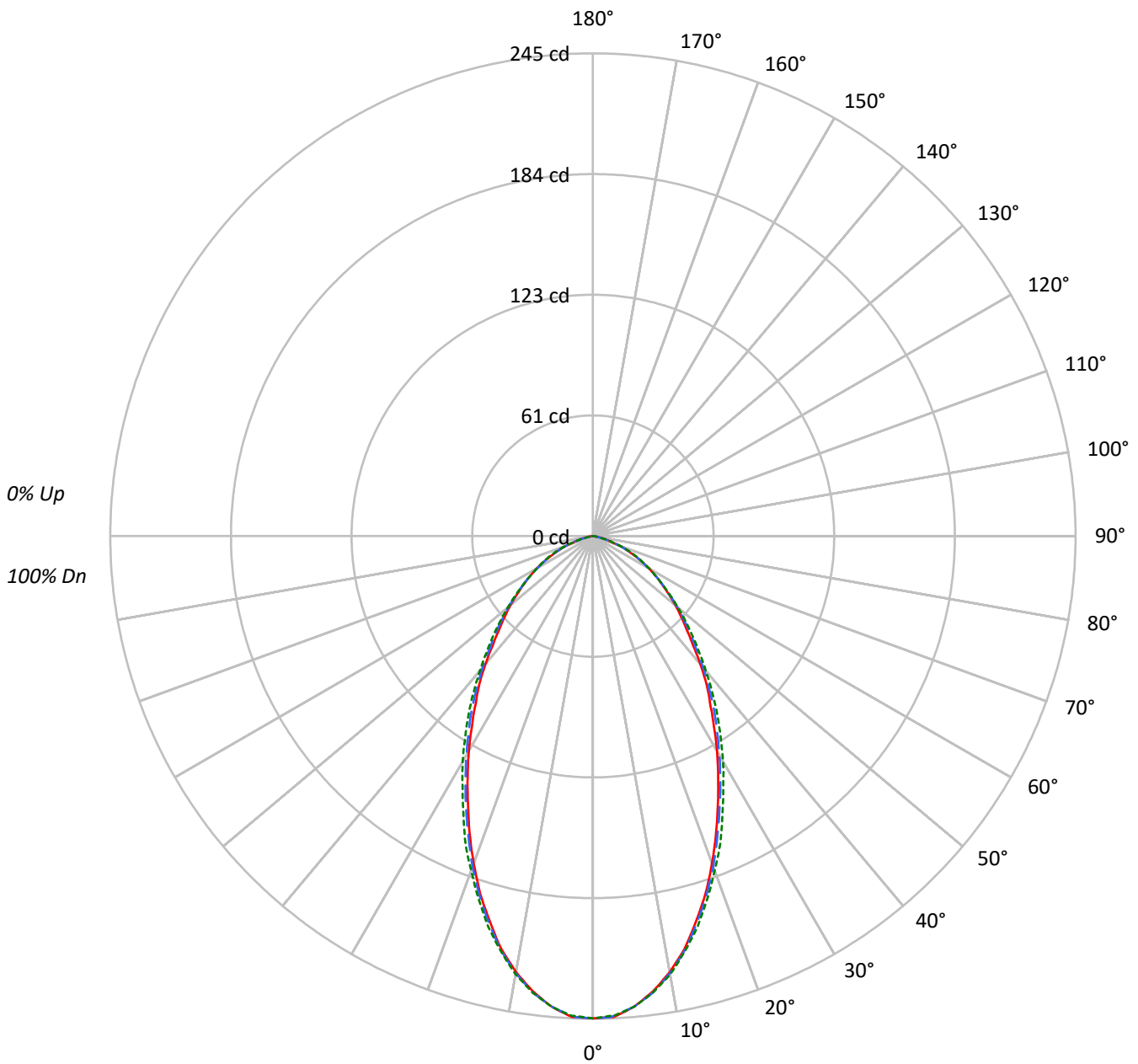
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 341.0 lumens
Efficiency: N/A
Efficacy: 47.4 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

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 53680 | 53680 | 53680 |
| 5° | 52784 | 52784 | 52784 |
| 10° | 50032 | 50166 | 50300 |
| 15° | 45948 | 46220 | 46584 |
| 20° | 41257 | 41654 | 42167 |
| 25° | 36292 | 36825 | 37647 |
| 30° | 31904 | 32486 | 33474 |
| 35° | 27760 | 28670 | 29419 |
| 40° | 24274 | 24904 | 25534 |
| 45° | 20932 | 21615 | 22142 |
| 50° | 18660 | 19036 | 19206 |
| 55° | 16401 | 16630 | 16630 |
| 60° | 14429 | 14166 | 14429 |
| 65° | 11882 | 12141 | 12453 |
| 70° | 9296 | 9296 | 9681 |
| 75° | 6100 | 5676 | 5676 |
| 80° | 3536 | 2778 | 2147 |
| 85° | 1510 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°
 Vertical Angle: 45°
 Luminance: 22142 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 22.4 | 6.6 |
| 10°-20° | 56.9 | 16.7 |
| 20°-30° | 70.1 | 20.6 |
| 30°-40° | 66.8 | 19.6 |
| 40°-50° | 54.1 | 15.9 |
| 50°-60° | 38.9 | 11.4 |
| 60°-70° | 23.3 | 6.8 |
| 70°-80° | 7.8 | 2.3 |
| 80°-90° | 0.7 | 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° | 149.4 | 43.8 |
| 0°-40° | 216.2 | 63.4 |
| 0°-60° | 309.2 | 90.7 |
| 0°-90° | 341.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 341.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 245 | 245 | 245 | 245 | 245 | |
| 5° | 240 | 240 | 240 | 240 | 240 | 22 |
| 15° | 202 | 203 | 204 | 204 | 205 | 57 |
| 25° | 150 | 151 | 152 | 155 | 156 | 69 |
| 35° | 104 | 105 | 107 | 109 | 110 | 65 |
| 45° | 68 | 68 | 70 | 71 | 71 | 53 |
| 55° | 43 | 43 | 44 | 44 | 44 | 39 |
| 65° | 23 | 23 | 23 | 24 | 24 | 23 |
| 75° | 7 | 7 | 7 | 7 | 7 | 8 |
| 85° | 1 | 1 | 0 | 0 | 0 | 1 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P#
 CATALOG NUMBER: P3ART05R709835DE010 E3LDWW1WMH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 244.8 | 244.8 | 244.8 | 244.8 | 244.8 | 244.8 | 244.8 | 244.8 | 244.8 | 244.8 | 244.8 |
| 2° | 244.3 | 244.3 | 244.3 | 244.3 | 244.3 | 244.3 | 244.3 | 244.3 | 244.3 | 244.3 | 243.7 |
| 2.5° | 244.3 | 243.7 | 243.7 | 243.7 | 243.7 | 243.7 | 243.7 | 243.7 | 243.7 | 244.3 | 243.7 |
| 5° | 239.8 | 239.8 | 239.8 | 239.8 | 239.8 | 239.8 | 239.8 | 239.8 | 240.4 | 239.8 | 239.8 |
| 7.5° | 233.1 | 233.1 | 233.1 | 233.1 | 233.7 | 233.7 | 233.7 | 233.7 | 234.2 | 234.2 | 233.7 |
| 10° | 224.7 | 224.7 | 224.7 | 224.7 | 225.3 | 225.3 | 225.9 | 225.3 | 225.3 | 225.9 | 225.9 |
| 12.5° | 214.7 | 214.1 | 214.1 | 214.1 | 214.7 | 215.3 | 215.3 | 215.3 | 215.8 | 215.8 | 215.8 |
| 15° | 202.4 | 202.4 | 202.4 | 203.0 | 203.0 | 203.6 | 204.1 | 204.1 | 204.7 | 204.7 | 205.2 |
| 17.5° | 190.2 | 190.2 | 189.6 | 190.2 | 190.7 | 191.3 | 191.8 | 192.4 | 193.0 | 193.0 | 193.0 |
| 20° | 176.8 | 176.2 | 176.8 | 177.3 | 177.9 | 178.5 | 179.0 | 180.1 | 180.7 | 180.7 | 180.7 |
| 22.5° | 163.4 | 162.8 | 163.4 | 164.0 | 164.5 | 165.1 | 166.7 | 167.3 | 167.9 | 167.9 | 169.0 |
| 25° | 150.0 | 150.0 | 150.6 | 151.1 | 151.7 | 152.2 | 153.4 | 154.5 | 155.0 | 155.6 | 155.6 |
| 27.5° | 137.7 | 137.7 | 137.7 | 137.7 | 138.9 | 140.0 | 141.1 | 142.2 | 142.8 | 143.3 | 143.3 |
| 30° | 126.0 | 125.5 | 125.5 | 126.0 | 127.2 | 128.3 | 129.4 | 130.5 | 131.1 | 131.6 | 132.2 |
| 32.5° | 114.3 | 114.3 | 114.3 | 114.9 | 115.4 | 117.1 | 118.2 | 118.8 | 119.9 | 120.5 | 120.5 |
| 35° | 103.7 | 103.7 | 103.7 | 104.8 | 106.0 | 107.1 | 107.6 | 108.7 | 109.9 | 109.9 | 109.9 |
| 37.5° | 94.8 | 95.4 | 96.5 | 95.9 | 95.9 | 96.5 | 97.0 | 98.2 | 99.3 | 99.3 | 99.3 |
| 40° | 84.8 | 85.3 | 85.9 | 85.3 | 85.9 | 87.0 | 87.6 | 88.1 | 88.7 | 89.2 | 89.2 |
| 42.5° | 75.3 | 75.3 | 75.3 | 75.8 | 77.0 | 77.5 | 78.6 | 79.2 | 79.7 | 79.7 | 79.7 |
| 45° | 67.5 | 67.5 | 68.0 | 68.6 | 69.2 | 69.7 | 70.3 | 70.8 | 71.4 | 71.4 | 71.4 |
| 47.5° | 60.8 | 60.8 | 61.3 | 61.3 | 61.9 | 62.5 | 63.0 | 63.0 | 63.6 | 64.1 | 63.6 |
| 50° | 54.7 | 54.7 | 54.7 | 55.2 | 55.2 | 55.8 | 55.8 | 56.3 | 56.3 | 56.3 | 56.3 |
| 52.5° | 48.5 | 48.5 | 48.5 | 48.5 | 49.1 | 49.1 | 49.1 | 49.6 | 49.6 | 49.6 | 49.6 |
| 55° | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 |
| 57.5° | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 |
| 60° | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.3 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 |
| 62.5° | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 28.4 | 28.4 | 28.4 | 28.4 |
| 65° | 22.9 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 24.0 | 24.0 | 24.0 | 24.0 |
| 67.5° | 18.4 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.5 | 19.5 | 19.5 |
| 70° | 14.5 | 14.5 | 14.5 | 14.5 | 14.5 | 14.5 | 14.5 | 14.5 | 14.5 | 14.5 | 15.1 |
| 72.5° | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.6 | 10.6 | 10.6 |
| 75° | 7.2 | 7.2 | 7.2 | 7.2 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| 77.5° | 5.0 | 5.0 | 5.0 | 4.5 | 4.5 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.3 |
| 80° | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.2 | 2.2 | 1.7 | 1.7 | 1.7 | 1.7 |
| 82.5° | 1.7 | 1.7 | 1.7 | 1.1 | 1.1 | 1.1 | 1.1 | 0.6 | 0.6 | 0.6 | 0.6 |
| 85° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 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)