

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: P1261723

Luminaire Tested: P3AS02R709727DE010 E3LDWW1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261723
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R709727DE010 E3LDWW1H
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 97CRI , E3LDWW1H TRIM
Light Source: -
Ballast/Driver: -

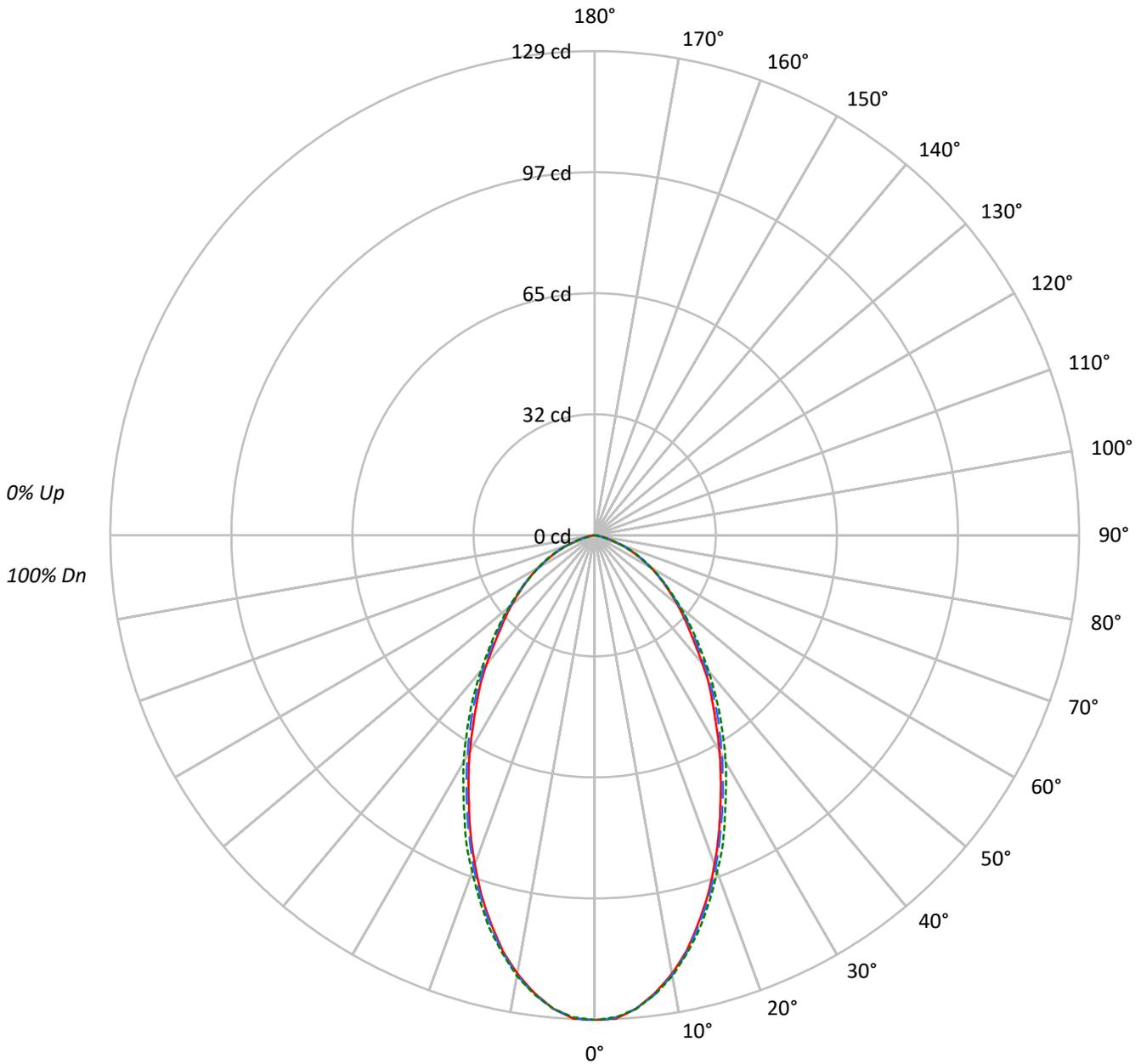
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 180.0 lumens
Efficiency: N/A
Efficacy: 50.0 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): 3.6
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% Up
100% Dn

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 28331 | 28331 | 28331 |
| 5° | 27867 | 27867 | 27867 |
| 10° | 26408 | 26475 | 26541 |
| 15° | 24268 | 24382 | 24586 |
| 20° | 21772 | 21982 | 22262 |
| 25° | 19162 | 19453 | 19864 |
| 30° | 16838 | 17142 | 17674 |
| 35° | 14670 | 15125 | 15526 |
| 40° | 12795 | 13139 | 13482 |
| 45° | 11040 | 11412 | 11691 |
| 50° | 9825 | 10030 | 10132 |
| 55° | 8678 | 8793 | 8793 |
| 60° | 7631 | 7499 | 7631 |
| 65° | 6278 | 6434 | 6590 |
| 70° | 4937 | 4937 | 5065 |
| 75° | 3219 | 2965 | 2965 |
| 80° | 1894 | 1515 | 1137 |
| 85° | 755 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°
 Vertical Angle: 45°
 Luminance: 11691 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 11.8 | 6.6 |
| 10°-20° | 30.0 | 16.7 |
| 20°-30° | 37.0 | 20.6 |
| 30°-40° | 35.3 | 19.6 |
| 40°-50° | 28.5 | 15.8 |
| 50°-60° | 20.6 | 11.4 |
| 60°-70° | 12.3 | 6.8 |
| 70°-80° | 4.1 | 2.3 |
| 80°-90° | 0.4 | 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° | 78.9 | 43.8 |
| 0°-40° | 114.1 | 63.4 |
| 0°-60° | 163.2 | 90.7 |
| 0°-90° | 180.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 180.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 129 | 129 | 129 | 129 | 129 | |
| 5° | 127 | 127 | 127 | 127 | 127 | 12 |
| 15° | 107 | 107 | 107 | 108 | 108 | 30 |
| 25° | 79 | 80 | 80 | 82 | 82 | 36 |
| 35° | 55 | 55 | 56 | 58 | 58 | 34 |
| 45° | 36 | 36 | 37 | 37 | 38 | 28 |
| 55° | 23 | 23 | 23 | 23 | 23 | 20 |
| 65° | 12 | 12 | 12 | 13 | 13 | 12 |
| 75° | 4 | 4 | 4 | 4 | 4 | 4 |
| 85° | 0 | 0 | 0 | 0 | 0 | 1 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1261723
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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 129.2 | 129.2 | 129.2 | 129.2 | 129.2 | 129.2 | 129.2 | 129.2 | 129.2 | 129.2 | 129.2 |
| 2° | 128.9 | 128.9 | 128.9 | 128.9 | 128.9 | 128.9 | 128.9 | 128.9 | 128.9 | 128.9 | 128.6 |
| 2.5° | 128.9 | 128.6 | 128.6 | 128.6 | 128.6 | 128.6 | 128.6 | 128.6 | 128.6 | 128.9 | 128.6 |
| 5° | 126.6 | 126.6 | 126.6 | 126.6 | 126.6 | 126.6 | 126.6 | 126.6 | 126.9 | 126.6 | 126.6 |
| 7.5° | 123.0 | 123.0 | 123.0 | 123.0 | 123.3 | 123.3 | 123.3 | 123.3 | 123.6 | 123.6 | 123.3 |
| 10° | 118.6 | 118.6 | 118.6 | 118.6 | 118.9 | 118.9 | 119.2 | 118.9 | 118.9 | 119.2 | 119.2 |
| 12.5° | 113.3 | 113.0 | 113.0 | 113.0 | 113.3 | 113.6 | 113.6 | 113.6 | 113.9 | 113.9 | 113.9 |
| 15° | 106.9 | 106.9 | 106.9 | 107.2 | 107.2 | 107.4 | 107.7 | 107.7 | 108.0 | 108.0 | 108.3 |
| 17.5° | 100.4 | 100.4 | 100.1 | 100.4 | 100.7 | 101.0 | 101.3 | 101.6 | 101.9 | 101.9 | 101.9 |
| 20° | 93.3 | 93.0 | 93.3 | 93.6 | 93.9 | 94.2 | 94.5 | 95.1 | 95.4 | 95.4 | 95.4 |
| 22.5° | 86.3 | 86.0 | 86.3 | 86.5 | 86.8 | 87.1 | 88.0 | 88.3 | 88.6 | 88.6 | 89.2 |
| 25° | 79.2 | 79.2 | 79.5 | 79.8 | 80.1 | 80.4 | 81.0 | 81.5 | 81.8 | 82.1 | 82.1 |
| 27.5° | 72.7 | 72.7 | 72.7 | 72.7 | 73.3 | 73.9 | 74.5 | 75.1 | 75.4 | 75.7 | 75.7 |
| 30° | 66.5 | 66.2 | 66.2 | 66.5 | 67.1 | 67.7 | 68.3 | 68.9 | 69.2 | 69.5 | 69.8 |
| 32.5° | 60.3 | 60.3 | 60.3 | 60.6 | 60.9 | 61.8 | 62.4 | 62.7 | 63.3 | 63.6 | 63.6 |
| 35° | 54.8 | 54.8 | 54.8 | 55.3 | 55.9 | 56.5 | 56.8 | 57.4 | 58.0 | 58.0 | 58.0 |
| 37.5° | 50.0 | 50.3 | 50.9 | 50.6 | 50.6 | 50.9 | 51.2 | 51.8 | 52.4 | 52.4 | 52.4 |
| 40° | 44.7 | 45.0 | 45.3 | 45.0 | 45.3 | 45.9 | 46.2 | 46.5 | 46.8 | 47.1 | 47.1 |
| 42.5° | 39.7 | 39.7 | 39.7 | 40.0 | 40.6 | 40.9 | 41.5 | 41.8 | 42.1 | 42.1 | 42.1 |
| 45° | 35.6 | 35.6 | 35.9 | 36.2 | 36.5 | 36.8 | 37.1 | 37.4 | 37.7 | 37.7 | 37.7 |
| 47.5° | 32.1 | 32.1 | 32.4 | 32.4 | 32.7 | 33.0 | 33.3 | 33.3 | 33.6 | 33.9 | 33.6 |
| 50° | 28.8 | 28.8 | 28.8 | 29.1 | 29.1 | 29.4 | 29.4 | 29.7 | 29.7 | 29.7 | 29.7 |
| 52.5° | 25.6 | 25.6 | 25.6 | 25.6 | 25.9 | 25.9 | 25.9 | 26.2 | 26.2 | 26.2 | 26.2 |
| 55° | 22.7 | 22.7 | 22.7 | 22.7 | 22.7 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| 57.5° | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| 60° | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.1 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 |
| 62.5° | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 15.0 | 15.0 | 15.0 | 15.0 |
| 65° | 12.1 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.7 | 12.7 | 12.7 | 12.7 |
| 67.5° | 9.7 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.3 | 10.3 | 10.3 |
| 70° | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.9 |
| 72.5° | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.6 | 5.6 | 5.6 |
| 75° | 3.8 | 3.8 | 3.8 | 3.8 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| 77.5° | 2.6 | 2.6 | 2.6 | 2.4 | 2.4 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 1.8 |
| 80° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.2 | 1.2 | 0.9 | 0.9 | 0.9 | 0.9 |
| 82.5° | 0.9 | 0.9 | 0.9 | 0.6 | 0.6 | 0.6 | 0.6 | 0.3 | 0.3 | 0.3 | 0.3 |
| 85° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 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)