

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: P1266555

Luminaire Tested: P3AS05R159735DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266555
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R159735DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

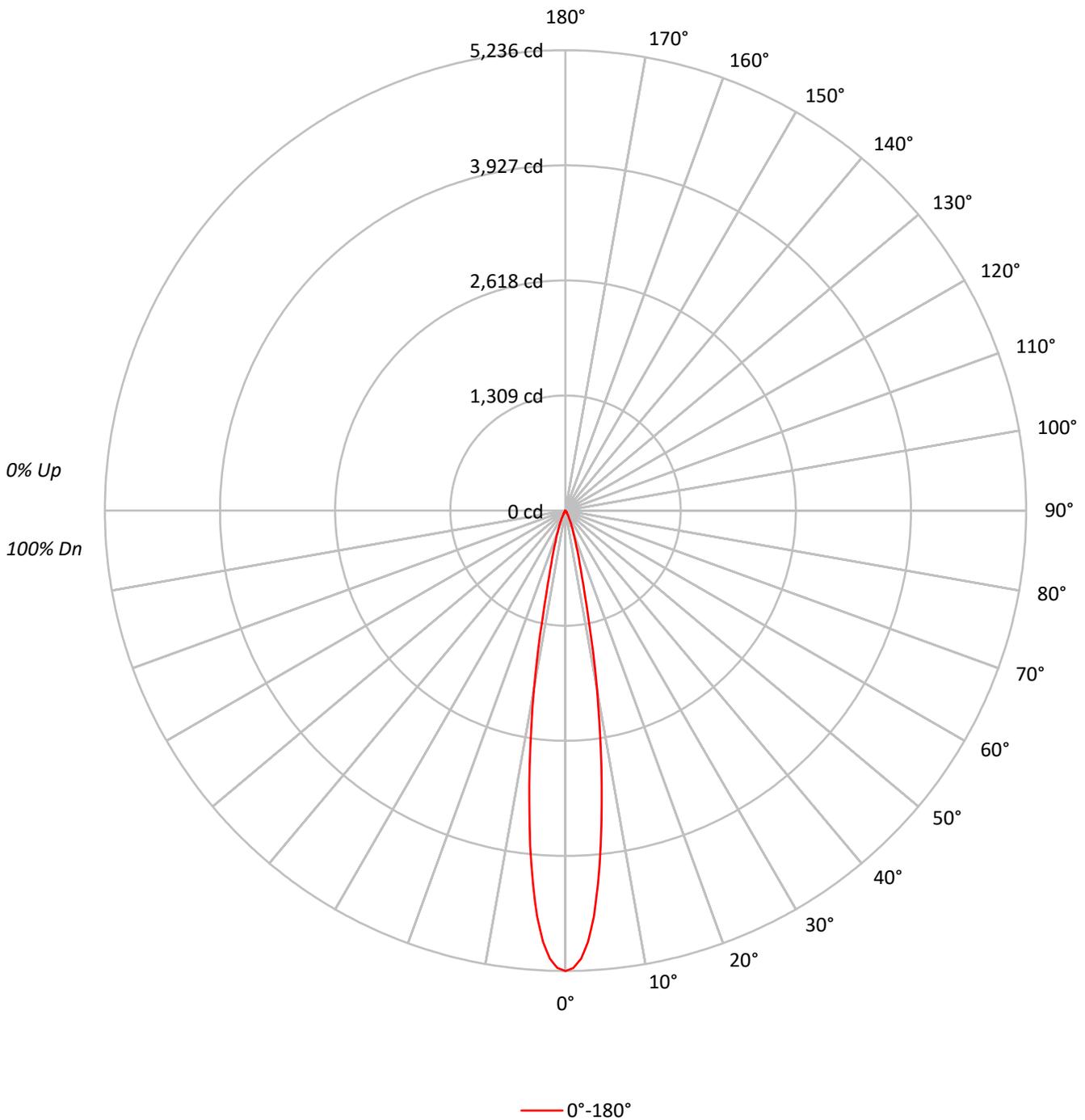
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 603.0 lumens
Efficiency: N/A
Efficacy: 83.7 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
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





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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 | 100 | 100 | 100 | 100 |
| 1 | 116 | 114 | 112 | 111 | 113 | 112 | 110 | 109 | 108 | 107 | 105 | 104 | 103 | 102 | 101 | 100 | 99 | 98 | 98 | 98 | 98 |
| 2 | 112 | 109 | 107 | 105 | 110 | 108 | 105 | 103 | 105 | 103 | 101 | 102 | 100 | 99 | 99 | 98 | 97 | 96 | 96 | 96 | 96 |
| 3 | 110 | 106 | 102 | 100 | 108 | 104 | 102 | 99 | 102 | 100 | 98 | 100 | 98 | 96 | 98 | 96 | 95 | 94 | 94 | 94 | 94 |
| 4 | 107 | 102 | 99 | 96 | 106 | 101 | 98 | 96 | 99 | 97 | 95 | 98 | 96 | 94 | 96 | 94 | 93 | 92 | 92 | 92 | 92 |
| 5 | 105 | 100 | 96 | 94 | 103 | 99 | 96 | 93 | 97 | 94 | 92 | 96 | 93 | 92 | 94 | 93 | 91 | 90 | 90 | 90 | 90 |
| 6 | 102 | 97 | 94 | 91 | 101 | 96 | 93 | 91 | 95 | 92 | 90 | 94 | 92 | 90 | 93 | 91 | 89 | 88 | 88 | 88 | 88 |
| 7 | 100 | 95 | 91 | 89 | 99 | 94 | 91 | 89 | 93 | 90 | 88 | 92 | 90 | 88 | 91 | 89 | 88 | 87 | 87 | 87 | 87 |
| 8 | 98 | 93 | 89 | 87 | 97 | 92 | 89 | 87 | 91 | 89 | 87 | 91 | 88 | 86 | 90 | 88 | 86 | 85 | 85 | 85 | 85 |
| 9 | 96 | 91 | 88 | 85 | 96 | 91 | 87 | 85 | 90 | 87 | 85 | 89 | 87 | 85 | 89 | 86 | 85 | 84 | 84 | 84 | 84 |
| 10 | 95 | 89 | 86 | 84 | 94 | 89 | 86 | 84 | 88 | 85 | 83 | 88 | 85 | 83 | 87 | 85 | 83 | 82 | 82 | 82 | 82 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|---------|
| | 0° |
| 0° | 1148263 |
| 5° | 936339 |
| 10° | 458553 |
| 15° | 140364 |
| 20° | 59435 |
| 25° | 26881 |
| 30° | 10483 |
| 35° | 4845 |
| 40° | 1517 |
| 45° | 558 |
| 50° | 239 |
| 55° | 76 |
| 60° | 88 |
| 65° | 104 |
| 70° | 0 |
| 75° | 0 |
| 80° | 0 |
| 85° | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 558 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 331.1 | 54.9 |
| 10°-20° | 203.2 | 33.7 |
| 20°-30° | 54.6 | 9.1 |
| 30°-40° | 12.0 | 2.0 |
| 40°-50° | 1.7 | 0.3 |
| 50°-60° | 0.3 | 0.0 |
| 60°-70° | 0.1 | 0.0 |
| 70°-80° | 0.0 | 0.0 |
| 80°-90° | 0.0 | 0.0 |
| 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° | 588.9 | 97.7 |
| 0°-40° | 600.9 | 99.7 |
| 0°-60° | 602.9 | 100.0 |
| 0°-90° | 603.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 603.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 5236 | |
| 5° | 4254 | 331 |
| 15° | 618 | 203 |
| 25° | 111 | 55 |
| 35° | 18 | 12 |
| 45° | 2 | 2 |
| 55° | 0 | 0 |
| 65° | 0 | 0 |
| 75° | 0 | 0 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 5236.5 |
| 1° | 5203.8 |
| 2° | 5098.9 |
| 3° | 4909.8 |
| 4° | 4625.1 |
| 5° | 4253.8 |
| 6° | 3833.8 |
| 7° | 3365.9 |
| 8° | 2936.1 |
| 9° | 2480.4 |
| 10° | 2059.4 |
| 11° | 1642.8 |
| 12° | 1264.0 |
| 13° | 972.2 |
| 14° | 769.6 |
| 15° | 618.3 |
| 17.5° | 383.2 |
| 20° | 254.7 |
| 22.5° | 171.5 |
| 25° | 111.1 |
| 27.5° | 65.9 |
| 30° | 41.4 |
| 32.5° | 27.9 |
| 35° | 18.1 |
| 37.5° | 10.1 |
| 40° | 5.3 |
| 42.5° | 3.0 |
| 45° | 1.8 |
| 47.5° | 1.1 |
| 50° | 0.7 |
| 52.5° | 0.5 |
| 55° | 0.2 |
| 57.5° | 0.2 |
| 60° | 0.2 |
| 62.5° | 0.2 |
| 65° | 0.2 |
| 67.5° | 0.0 |
| 70° | 0.0 |
| 72.5° | 0.0 |
| 75° | 0.0 |
| 77.5° | 0.0 |
| 80° | 0.0 |
| 82.5° | 0.0 |
| 85° | 0.0 |
| 87.5° | 0.0 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)