

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: P1271786

Luminaire Tested: P3AS09R609827DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271786
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609827DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

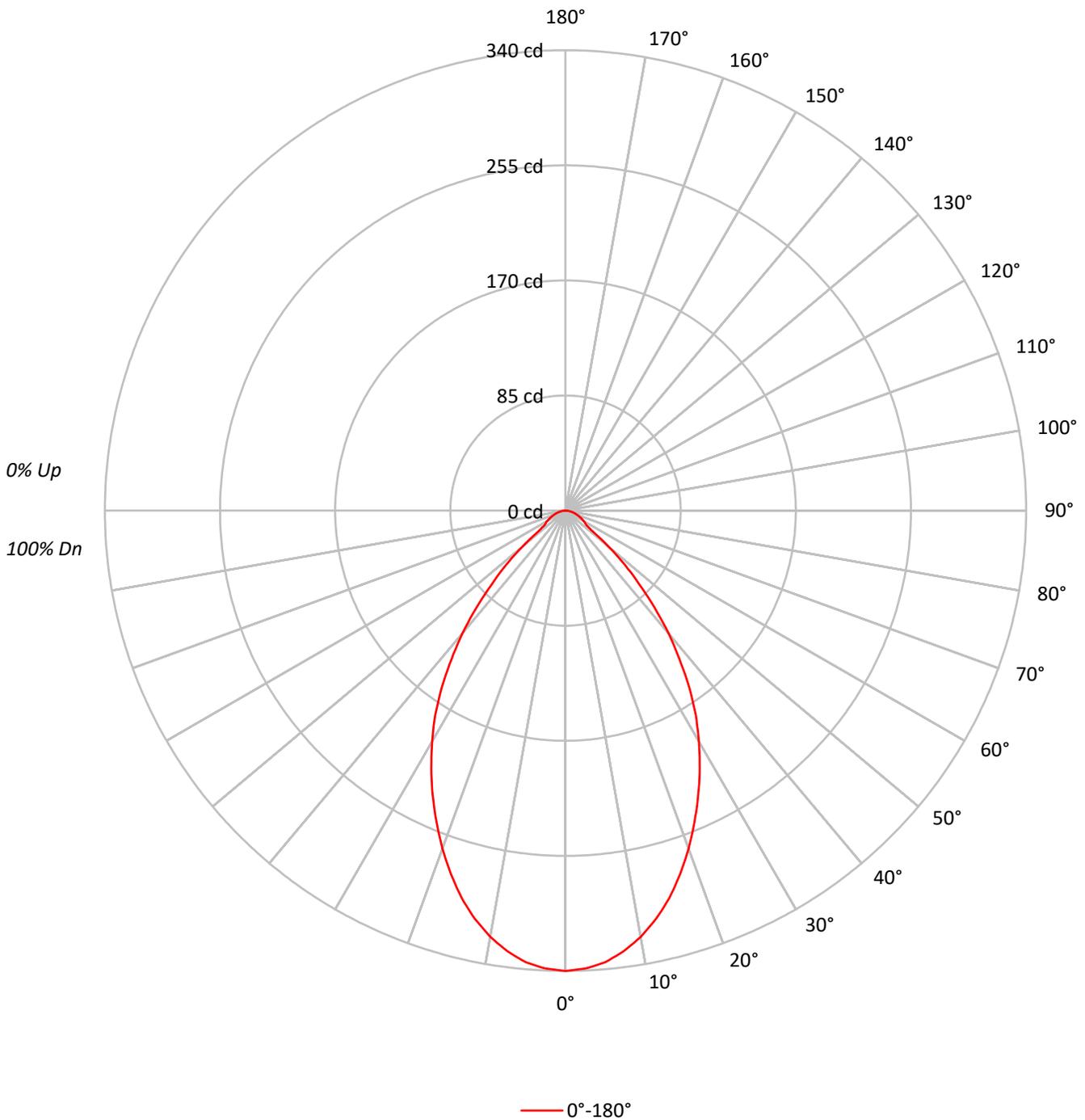
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 420.0 lumens
Efficiency: N/A
Efficacy: 38.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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 | | | | 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 |
| 1 | 112 | 109 | 106 | 103 | 110 | 107 | 104 | 101 | 102 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 93 | 91 | | | | 91 |
| 2 | 105 | 99 | 94 | 90 | 103 | 98 | 93 | 89 | 94 | 90 | 87 | 91 | 88 | 85 | 88 | 86 | 84 | 82 | | | | 82 |
| 3 | 99 | 91 | 85 | 80 | 96 | 89 | 84 | 79 | 87 | 82 | 78 | 84 | 80 | 77 | 82 | 78 | 76 | 74 | | | | 74 |
| 4 | 92 | 83 | 77 | 72 | 90 | 82 | 76 | 71 | 80 | 75 | 70 | 78 | 73 | 70 | 76 | 72 | 69 | 67 | | | | 67 |
| 5 | 87 | 77 | 70 | 65 | 85 | 76 | 69 | 65 | 74 | 68 | 64 | 72 | 67 | 63 | 71 | 66 | 63 | 61 | | | | 61 |
| 6 | 82 | 71 | 64 | 59 | 80 | 70 | 64 | 59 | 69 | 63 | 58 | 67 | 62 | 58 | 66 | 61 | 58 | 56 | | | | 56 |
| 7 | 77 | 66 | 59 | 54 | 75 | 65 | 59 | 54 | 64 | 58 | 54 | 63 | 57 | 53 | 61 | 57 | 53 | 51 | | | | 51 |
| 8 | 72 | 61 | 55 | 50 | 71 | 61 | 54 | 50 | 60 | 54 | 49 | 59 | 53 | 49 | 58 | 53 | 49 | 47 | | | | 47 |
| 9 | 68 | 57 | 51 | 46 | 67 | 57 | 50 | 46 | 56 | 50 | 46 | 55 | 49 | 46 | 54 | 49 | 45 | 44 | | | | 44 |
| 10 | 65 | 54 | 47 | 43 | 64 | 53 | 47 | 43 | 52 | 47 | 43 | 52 | 46 | 42 | 51 | 46 | 42 | 41 | | | | 41 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 74555 |
| 5° | 73718 |
| 10° | 71163 |
| 15° | 67242 |
| 20° | 61979 |
| 25° | 56108 |
| 30° | 49830 |
| 35° | 42563 |
| 40° | 33863 |
| 45° | 23878 |
| 50° | 14260 |
| 55° | 7226 |
| 60° | 6929 |
| 65° | 6330 |
| 70° | 5898 |
| 75° | 5592 |
| 80° | 5177 |
| 85° | 3774 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 23878 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 31.5 | 7.5 |
| 10°-20° | 82.8 | 19.7 |
| 20°-30° | 106.3 | 25.3 |
| 30°-40° | 98.5 | 23.5 |
| 40°-50° | 60.0 | 14.3 |
| 50°-60° | 20.0 | 4.8 |
| 60°-70° | 12.2 | 2.9 |
| 70°-80° | 6.8 | 1.6 |
| 80°-90° | 1.9 | 0.5 |
| 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° | 220.5 | 52.5 |
| 0°-40° | 319.0 | 76.0 |
| 0°-60° | 399.0 | 95.0 |
| 0°-90° | 420.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 420.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 340 | |
| 5° | 335 | 31 |
| 15° | 296 | 83 |
| 25° | 232 | 106 |
| 35° | 159 | 99 |
| 45° | 77 | 60 |
| 55° | 19 | 20 |
| 65° | 12 | 12 |
| 75° | 7 | 7 |
| 85° | 2 | 2 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 340.0 |
| 2.5° | 338.5 |
| 5° | 334.9 |
| 7.5° | 328.3 |
| 10° | 319.6 |
| 12.5° | 308.9 |
| 15° | 296.2 |
| 17.5° | 281.4 |
| 20° | 265.6 |
| 22.5° | 248.8 |
| 25° | 231.9 |
| 27.5° | 214.6 |
| 30° | 196.8 |
| 32.5° | 178.9 |
| 35° | 159.0 |
| 37.5° | 138.1 |
| 40° | 118.3 |
| 42.5° | 97.4 |
| 45° | 77.0 |
| 47.5° | 59.6 |
| 50° | 41.8 |
| 52.5° | 25.0 |
| 55° | 18.9 |
| 57.5° | 17.3 |
| 60° | 15.8 |
| 62.5° | 13.8 |
| 65° | 12.2 |
| 67.5° | 10.7 |
| 70° | 9.2 |
| 72.5° | 7.6 |
| 75° | 6.6 |
| 77.5° | 5.1 |
| 80° | 4.1 |
| 82.5° | 2.5 |
| 85° | 1.5 |
| 87.5° | 1.0 |
| 90° | 0.0 |

(END OF REPORT)