

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: P1261877

Luminaire Tested: P3AS05R259727DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261877
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259727DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

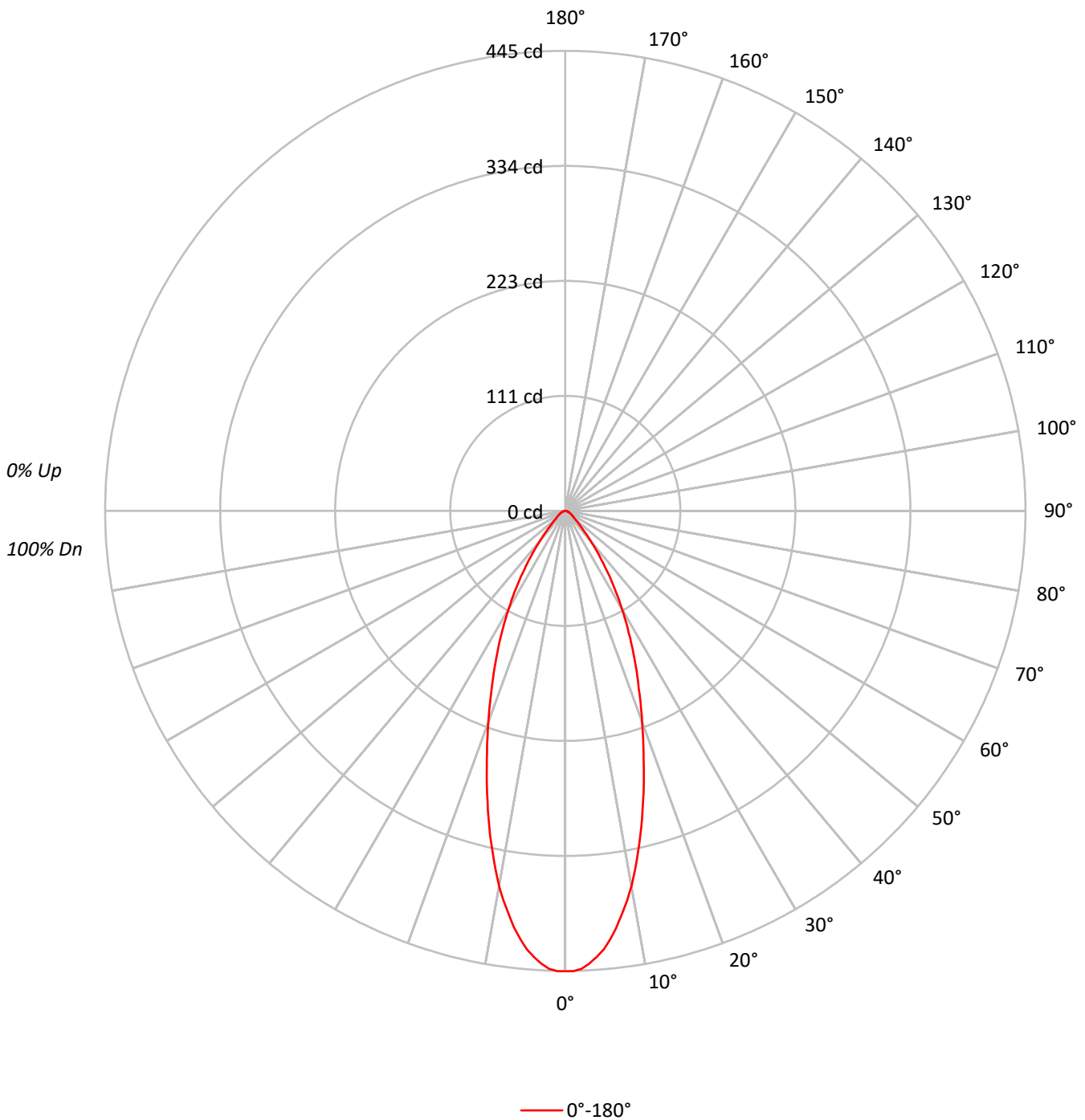
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 269.0 lumens
Efficiency: N/A
Efficacy: 37.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
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





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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 | 100 | 100 |
| 1 | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 101 | 100 | 99 | 98 | 97 | 96 | 95 | 93 | 93 | 93 | 93 |
| 2 | 107 | 102 | 98 | 95 | 105 | 101 | 97 | 94 | 97 | 94 | 92 | 94 | 92 | 90 | 92 | 90 | 88 | 86 | 86 | 86 | 86 |
| 3 | 102 | 95 | 90 | 86 | 100 | 94 | 89 | 86 | 91 | 87 | 84 | 89 | 86 | 83 | 87 | 84 | 82 | 80 | 80 | 80 | 80 |
| 4 | 97 | 89 | 84 | 79 | 95 | 88 | 83 | 79 | 86 | 81 | 78 | 84 | 80 | 77 | 82 | 79 | 76 | 75 | 75 | 75 | 75 |
| 5 | 92 | 84 | 78 | 74 | 91 | 83 | 77 | 73 | 81 | 76 | 73 | 79 | 75 | 72 | 78 | 74 | 71 | 70 | 70 | 70 | 70 |
| 6 | 88 | 79 | 73 | 69 | 86 | 78 | 72 | 68 | 77 | 72 | 68 | 75 | 71 | 67 | 74 | 70 | 67 | 66 | 66 | 66 | 66 |
| 7 | 84 | 74 | 68 | 64 | 82 | 74 | 68 | 64 | 72 | 67 | 64 | 71 | 67 | 63 | 70 | 66 | 63 | 62 | 62 | 62 | 62 |
| 8 | 80 | 70 | 65 | 60 | 79 | 70 | 64 | 60 | 69 | 64 | 60 | 68 | 63 | 60 | 67 | 63 | 60 | 58 | 58 | 58 | 58 |
| 9 | 76 | 67 | 61 | 57 | 75 | 66 | 61 | 57 | 65 | 60 | 57 | 65 | 60 | 57 | 64 | 59 | 56 | 55 | 55 | 55 | 55 |
| 10 | 73 | 64 | 58 | 54 | 72 | 63 | 58 | 54 | 62 | 57 | 54 | 62 | 57 | 54 | 61 | 57 | 54 | 52 | 52 | 52 | 52 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 97668 |
| 5° | 93704 |
| 10° | 82074 |
| 15° | 65971 |
| 20° | 50684 |
| 25° | 38349 |
| 30° | 27726 |
| 35° | 18417 |
| 40° | 11164 |
| 45° | 6512 |
| 50° | 4162 |
| 55° | 3364 |
| 60° | 2938 |
| 65° | 2594 |
| 70° | 2180 |
| 75° | 2118 |
| 80° | 1642 |
| 85° | 2013 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6512 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 38.7 | 14.4 |
| 10°-20° | 80.4 | 29.9 |
| 20°-30° | 72.7 | 27.0 |
| 30°-40° | 43.7 | 16.2 |
| 40°-50° | 17.3 | 6.4 |
| 50°-60° | 8.0 | 3.0 |
| 60°-70° | 4.9 | 1.8 |
| 70°-80° | 2.6 | 1.0 |
| 80°-90° | 0.7 | 0.3 |
| 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° | 191.8 | 71.3 |
| 0°-40° | 235.4 | 87.5 |
| 0°-60° | 260.8 | 97.0 |
| 0°-90° | 269.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 269.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 445 | |
| 5° | 426 | 39 |
| 15° | 291 | 80 |
| 25° | 158 | 73 |
| 35° | 69 | 44 |
| 45° | 21 | 17 |
| 55° | 9 | 8 |
| 65° | 5 | 5 |
| 75° | 2 | 3 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 445.4 |
| 1° | 445.4 |
| 2° | 443.3 |
| 3° | 438.7 |
| 4° | 432.8 |
| 5° | 425.7 |
| 6° | 416.4 |
| 7° | 406.0 |
| 8° | 393.8 |
| 9° | 381.6 |
| 10° | 368.6 |
| 11° | 353.5 |
| 12° | 338.0 |
| 13° | 322.5 |
| 14° | 307.0 |
| 15° | 290.6 |
| 17.5° | 252.0 |
| 20° | 217.2 |
| 22.5° | 185.8 |
| 25° | 158.5 |
| 27.5° | 132.9 |
| 30° | 109.5 |
| 32.5° | 88.1 |
| 35° | 68.8 |
| 37.5° | 52.4 |
| 40° | 39.0 |
| 42.5° | 28.5 |
| 45° | 21.0 |
| 47.5° | 15.9 |
| 50° | 12.2 |
| 52.5° | 10.1 |
| 55° | 8.8 |
| 57.5° | 7.5 |
| 60° | 6.7 |
| 62.5° | 5.5 |
| 65° | 5.0 |
| 67.5° | 4.2 |
| 70° | 3.4 |
| 72.5° | 2.9 |
| 75° | 2.5 |
| 77.5° | 2.1 |
| 80° | 1.3 |
| 82.5° | 0.8 |
| 85° | 0.8 |
| 87.5° | 0.4 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)