

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: P1266691

Luminaire Tested: P3AS05R359735DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266691
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R359735DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

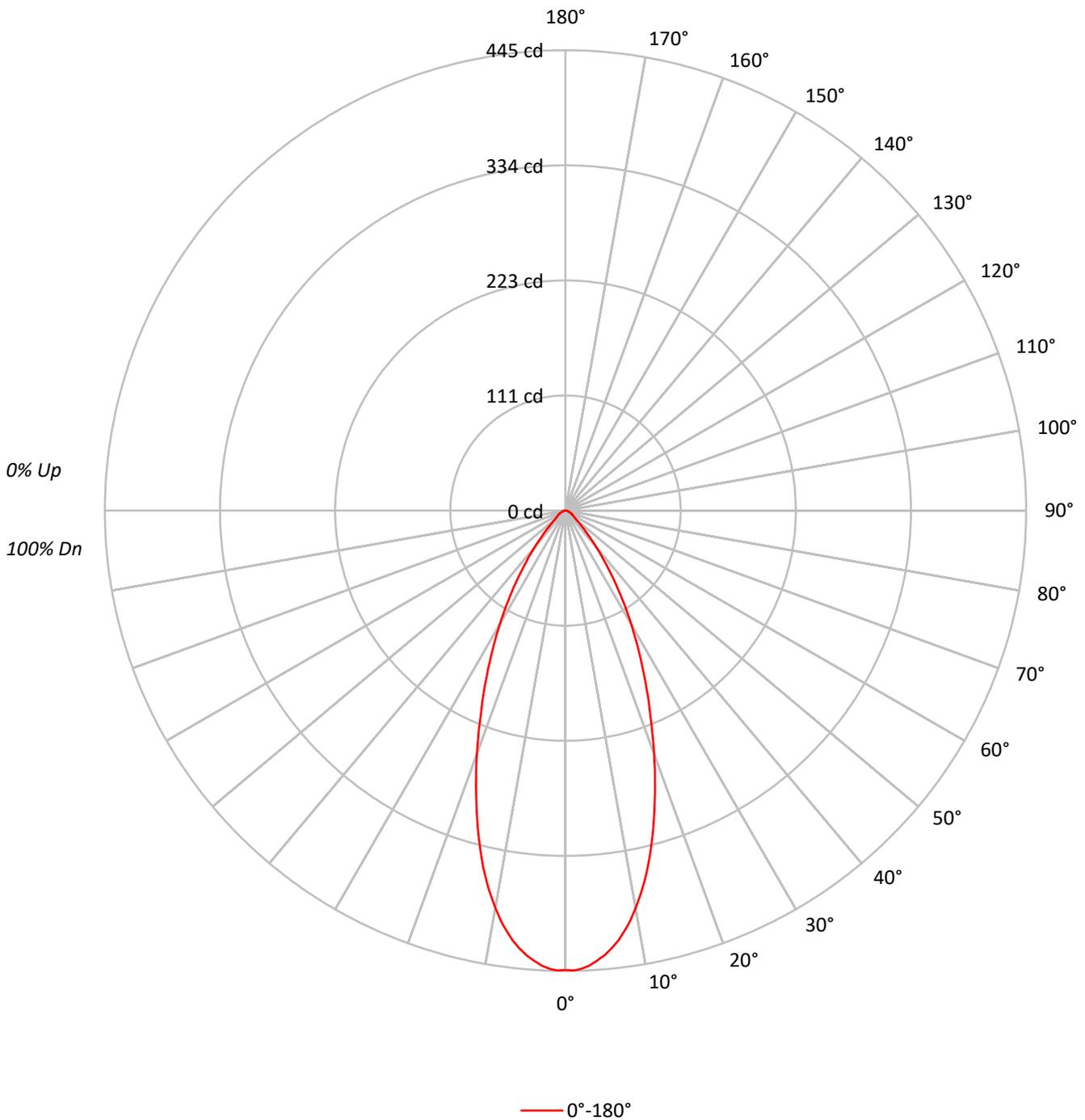
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 303.0 lumens
Efficiency: N/A
Efficacy: 42.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
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 | | | | |
| 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 | | | |
| 1 | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 | 100 | 99 | 97 | 97 | 96 | 95 | 93 | | | |
| 2 | 107 | 102 | 98 | 94 | 105 | 100 | 97 | 93 | 97 | 94 | 91 | 94 | 92 | 89 | 91 | 89 | 87 | 86 | | | |
| 3 | 102 | 95 | 90 | 86 | 100 | 94 | 89 | 85 | 91 | 87 | 84 | 89 | 85 | 82 | 86 | 84 | 81 | 80 | | | |
| 4 | 97 | 89 | 83 | 79 | 95 | 88 | 82 | 78 | 86 | 81 | 77 | 84 | 80 | 77 | 82 | 78 | 76 | 74 | | | |
| 5 | 92 | 83 | 77 | 73 | 90 | 82 | 77 | 73 | 81 | 76 | 72 | 79 | 75 | 71 | 77 | 74 | 71 | 69 | | | |
| 6 | 87 | 78 | 72 | 68 | 86 | 77 | 72 | 68 | 76 | 71 | 67 | 75 | 70 | 67 | 73 | 69 | 66 | 65 | | | |
| 7 | 83 | 74 | 68 | 63 | 82 | 73 | 67 | 63 | 72 | 67 | 63 | 71 | 66 | 63 | 69 | 65 | 62 | 61 | | | |
| 8 | 79 | 70 | 64 | 60 | 78 | 69 | 63 | 59 | 68 | 63 | 59 | 67 | 62 | 59 | 66 | 62 | 59 | 57 | | | |
| 9 | 76 | 66 | 60 | 56 | 75 | 66 | 60 | 56 | 65 | 59 | 56 | 64 | 59 | 56 | 63 | 59 | 56 | 54 | | | |
| 10 | 72 | 63 | 57 | 53 | 71 | 62 | 57 | 53 | 61 | 56 | 53 | 61 | 56 | 53 | 60 | 56 | 53 | 51 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 97383 |
| 5° | 94981 |
| 10° | 86839 |
| 15° | 73712 |
| 20° | 58362 |
| 25° | 44132 |
| 30° | 32132 |
| 35° | 21737 |
| 40° | 13368 |
| 45° | 7660 |
| 50° | 4605 |
| 55° | 3747 |
| 60° | 3289 |
| 65° | 2906 |
| 70° | 2372 |
| 75° | 2372 |
| 80° | 2399 |
| 85° | 2264 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7660 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 39.9 | 13.2 |
| 10°-20° | 89.5 | 29.5 |
| 20°-30° | 83.7 | 27.6 |
| 30°-40° | 51.2 | 16.9 |
| 40°-50° | 20.2 | 6.7 |
| 50°-60° | 8.9 | 2.9 |
| 60°-70° | 5.5 | 1.8 |
| 70°-80° | 3.0 | 1.0 |
| 80°-90° | 1.0 | 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° | 213.1 | 70.3 |
| 0°-40° | 264.4 | 87.3 |
| 0°-60° | 293.5 | 96.9 |
| 0°-90° | 303.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 303.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 444 | |
| 5° | 432 | 40 |
| 15° | 325 | 90 |
| 25° | 182 | 84 |
| 35° | 81 | 51 |
| 45° | 25 | 20 |
| 55° | 10 | 9 |
| 65° | 6 | 6 |
| 75° | 3 | 3 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 444.1 |
| 1° | 444.6 |
| 2° | 443.2 |
| 3° | 440.4 |
| 4° | 436.2 |
| 5° | 431.5 |
| 6° | 425.5 |
| 7° | 418.5 |
| 8° | 410.1 |
| 9° | 400.8 |
| 10° | 390.0 |
| 11° | 378.8 |
| 12° | 366.7 |
| 13° | 353.6 |
| 14° | 339.2 |
| 15° | 324.7 |
| 17.5° | 287.4 |
| 20° | 250.1 |
| 22.5° | 214.1 |
| 25° | 182.4 |
| 27.5° | 153.0 |
| 30° | 126.9 |
| 32.5° | 102.6 |
| 35° | 81.2 |
| 37.5° | 62.0 |
| 40° | 46.7 |
| 42.5° | 33.6 |
| 45° | 24.7 |
| 47.5° | 17.7 |
| 50° | 13.5 |
| 52.5° | 11.2 |
| 55° | 9.8 |
| 57.5° | 8.4 |
| 60° | 7.5 |
| 62.5° | 6.5 |
| 65° | 5.6 |
| 67.5° | 4.7 |
| 70° | 3.7 |
| 72.5° | 3.3 |
| 75° | 2.8 |
| 77.5° | 2.3 |
| 80° | 1.9 |
| 82.5° | 1.4 |
| 85° | 0.9 |
| 87.5° | 0.5 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)