

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: P1256212

Luminaire Tested: P3AS02R359040DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256212
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359040DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

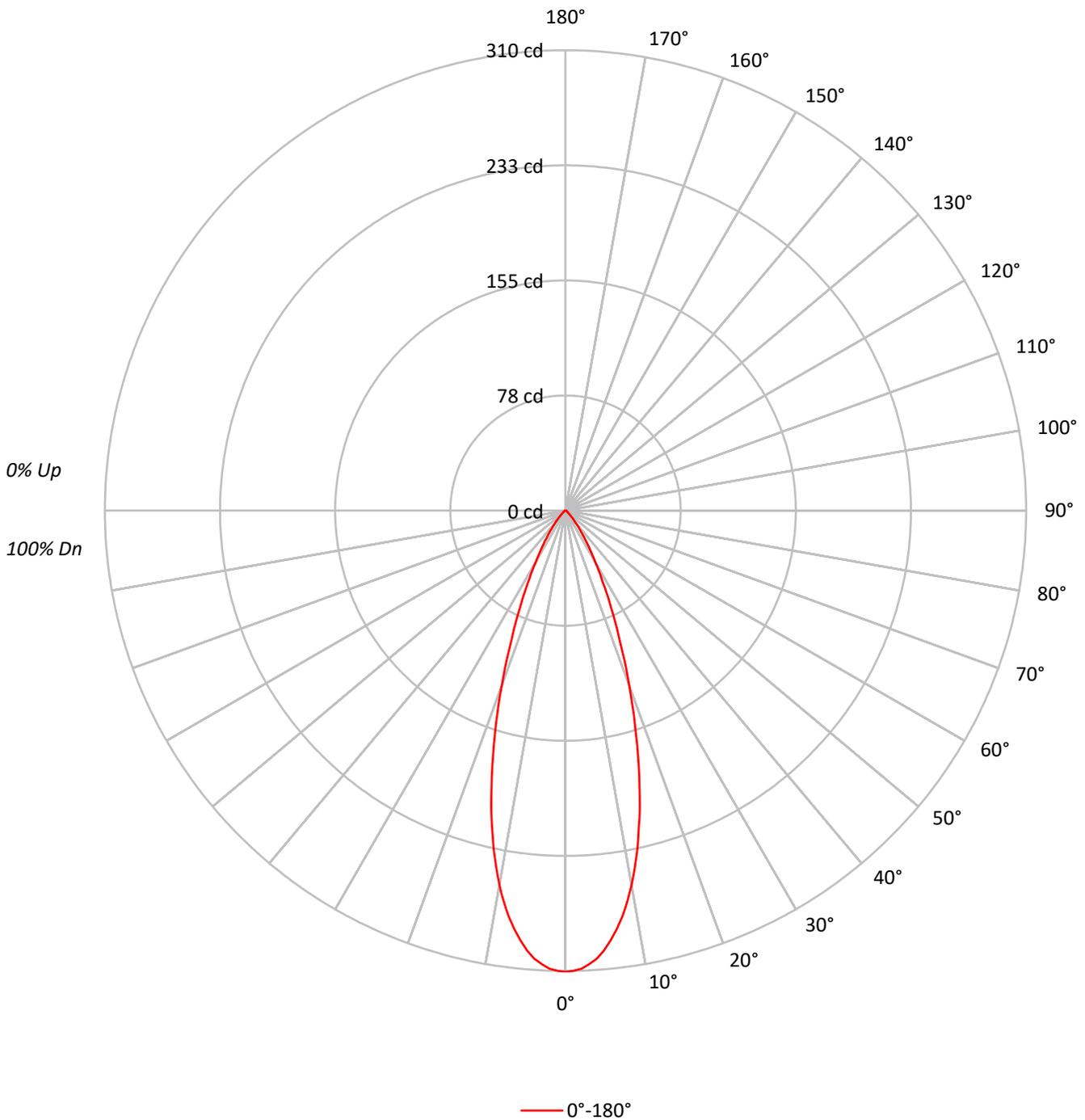
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 135.0 lumens
Efficiency: N/A
Efficacy: 37.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
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





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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 | 114 | 112 | 109 | 107 | 112 | 109 | 107 | 106 | 105 | 104 | 102 | 102 | 100 | 99 | 98 | 97 | 96 | 95 | 95 | 95 | 95 |
| 2 | 109 | 105 | 101 | 98 | 107 | 103 | 100 | 97 | 100 | 97 | 95 | 97 | 95 | 93 | 94 | 93 | 91 | 90 | 90 | 90 | 90 |
| 3 | 105 | 99 | 95 | 91 | 103 | 98 | 94 | 90 | 95 | 92 | 89 | 93 | 90 | 88 | 91 | 88 | 86 | 85 | 85 | 85 | 85 |
| 4 | 100 | 94 | 89 | 85 | 99 | 93 | 88 | 85 | 91 | 87 | 84 | 89 | 85 | 83 | 87 | 84 | 82 | 80 | 80 | 80 | 80 |
| 5 | 96 | 89 | 84 | 80 | 95 | 88 | 83 | 80 | 86 | 82 | 79 | 85 | 81 | 78 | 83 | 80 | 78 | 76 | 76 | 76 | 76 |
| 6 | 92 | 85 | 80 | 76 | 91 | 84 | 79 | 76 | 83 | 78 | 75 | 81 | 77 | 75 | 80 | 77 | 74 | 73 | 73 | 73 | 73 |
| 7 | 89 | 81 | 76 | 72 | 88 | 80 | 75 | 72 | 79 | 75 | 71 | 78 | 74 | 71 | 77 | 73 | 71 | 70 | 70 | 70 | 70 |
| 8 | 85 | 77 | 72 | 69 | 84 | 77 | 72 | 68 | 76 | 71 | 68 | 75 | 71 | 68 | 74 | 70 | 68 | 66 | 66 | 66 | 66 |
| 9 | 82 | 74 | 69 | 66 | 81 | 74 | 69 | 65 | 73 | 68 | 65 | 72 | 68 | 65 | 71 | 68 | 65 | 64 | 64 | 64 | 64 |
| 10 | 79 | 71 | 66 | 63 | 78 | 71 | 66 | 63 | 70 | 66 | 63 | 69 | 65 | 62 | 69 | 65 | 62 | 61 | 61 | 61 | 61 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 68087 |
| 5° | 65441 |
| 10° | 57024 |
| 15° | 43678 |
| 20° | 29216 |
| 25° | 17687 |
| 30° | 10153 |
| 35° | 5675 |
| 40° | 3006 |
| 45° | 1551 |
| 50° | 751 |
| 55° | 573 |
| 60° | 570 |
| 65° | 467 |
| 70° | 513 |
| 75° | 424 |
| 80° | 505 |
| 85° | 252 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1551 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 27.0 | 20.0 |
| 10°-20° | 52.4 | 38.8 |
| 20°-30° | 34.3 | 25.4 |
| 30°-40° | 13.9 | 10.3 |
| 40°-50° | 4.2 | 3.1 |
| 50°-60° | 1.4 | 1.1 |
| 60°-70° | 1.0 | 0.7 |
| 70°-80° | 0.6 | 0.4 |
| 80°-90° | 0.2 | 0.1 |
| 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° | 113.8 | 84.3 |
| 0°-40° | 127.7 | 94.6 |
| 0°-60° | 133.3 | 98.7 |
| 0°-90° | 135.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 135.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 310 | |
| 5° | 297 | 27 |
| 15° | 192 | 52 |
| 25° | 73 | 34 |
| 35° | 21 | 14 |
| 45° | 5 | 4 |
| 55° | 2 | 1 |
| 65° | 1 | 1 |
| 75° | 0 | 1 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 310.5 |
| 1° | 310.0 |
| 2° | 308.6 |
| 3° | 305.8 |
| 4° | 302.4 |
| 5° | 297.3 |
| 6° | 290.9 |
| 7° | 283.7 |
| 8° | 275.6 |
| 9° | 266.3 |
| 10° | 256.1 |
| 11° | 244.6 |
| 12° | 232.7 |
| 13° | 219.3 |
| 14° | 206.6 |
| 15° | 192.4 |
| 17.5° | 157.8 |
| 20° | 125.2 |
| 22.5° | 96.3 |
| 25° | 73.1 |
| 27.5° | 54.4 |
| 30° | 40.1 |
| 32.5° | 29.4 |
| 35° | 21.2 |
| 37.5° | 15.0 |
| 40° | 10.5 |
| 42.5° | 7.3 |
| 45° | 5.0 |
| 47.5° | 3.3 |
| 50° | 2.2 |
| 52.5° | 1.7 |
| 55° | 1.5 |
| 57.5° | 1.4 |
| 60° | 1.3 |
| 62.5° | 1.2 |
| 65° | 0.9 |
| 67.5° | 0.8 |
| 70° | 0.8 |
| 72.5° | 0.6 |
| 75° | 0.5 |
| 77.5° | 0.4 |
| 80° | 0.4 |
| 82.5° | 0.3 |
| 85° | 0.1 |
| 87.5° | 0.1 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)