

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: P1269841

Luminaire Tested: P3AS13R359740DE010 E3CB1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269841
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359740DE010 E3CB1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

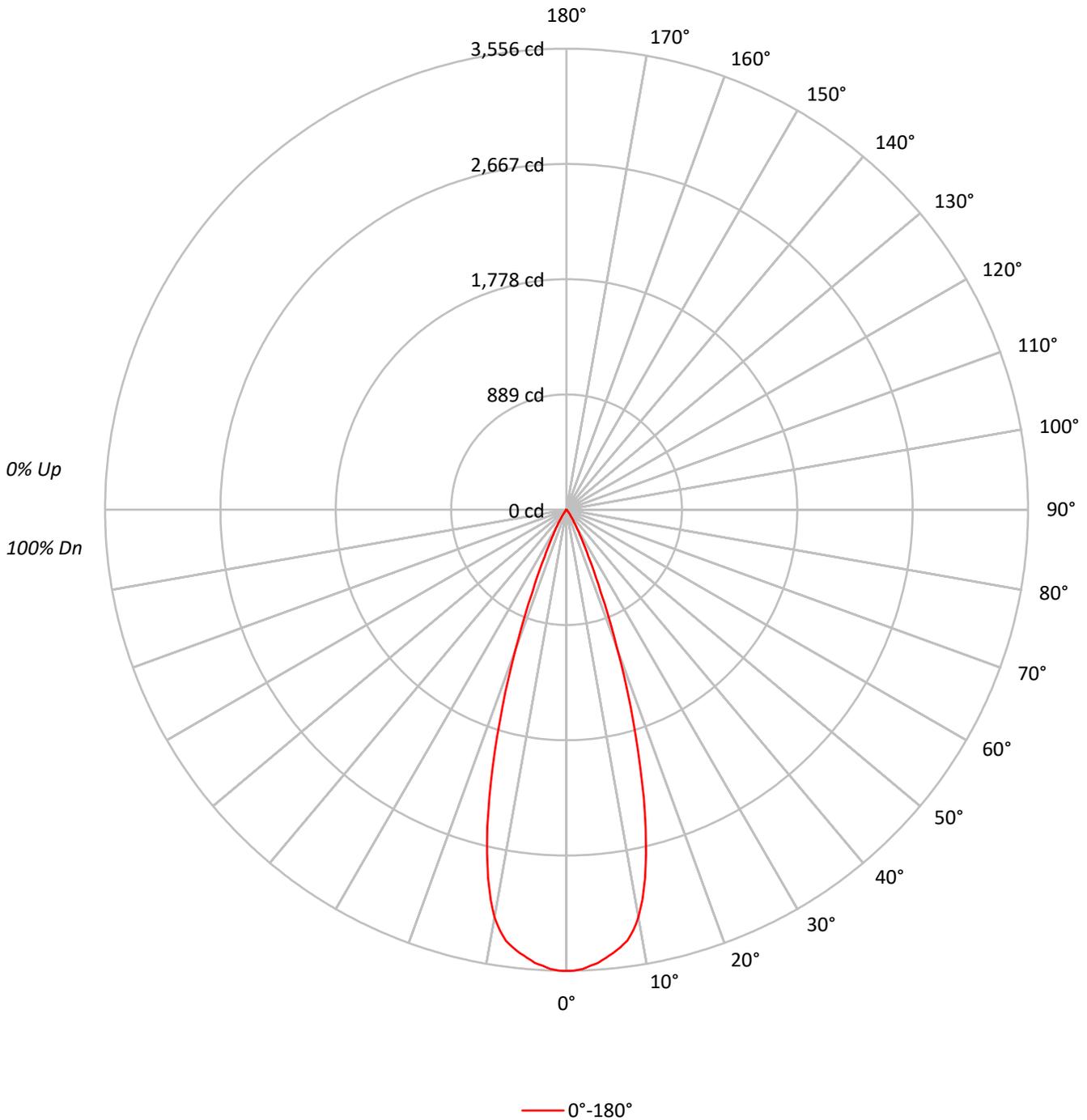
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1196.0 lumens
Efficiency: N/A
Efficacy: 81.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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 | | 0 |
| RCR | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | | 100 |
| 1 | 115 | 113 | 111 | 109 | 112 | 110 | 109 | 107 | 106 | 105 | 104 | 103 | 102 | 101 | 99 | 99 | 98 | | 96 |
| 2 | 111 | 107 | 104 | 101 | 109 | 105 | 103 | 100 | 102 | 100 | 98 | 99 | 98 | 96 | 97 | 95 | 94 | | 93 |
| 3 | 107 | 102 | 98 | 95 | 105 | 101 | 97 | 95 | 98 | 96 | 93 | 96 | 94 | 92 | 94 | 92 | 90 | | 89 |
| 4 | 104 | 98 | 94 | 91 | 102 | 97 | 93 | 90 | 95 | 92 | 89 | 93 | 90 | 88 | 91 | 89 | 87 | | 86 |
| 5 | 100 | 94 | 90 | 87 | 99 | 93 | 89 | 86 | 92 | 88 | 86 | 90 | 87 | 85 | 89 | 86 | 84 | | 83 |
| 6 | 97 | 91 | 86 | 83 | 96 | 90 | 86 | 83 | 89 | 85 | 82 | 87 | 84 | 82 | 86 | 83 | 81 | | 80 |
| 7 | 94 | 87 | 83 | 80 | 93 | 87 | 83 | 80 | 86 | 82 | 79 | 85 | 81 | 79 | 84 | 81 | 79 | | 78 |
| 8 | 91 | 84 | 80 | 77 | 90 | 84 | 80 | 77 | 83 | 79 | 77 | 82 | 79 | 76 | 81 | 78 | 76 | | 75 |
| 9 | 89 | 82 | 77 | 74 | 88 | 81 | 77 | 74 | 80 | 77 | 74 | 80 | 76 | 74 | 79 | 76 | 74 | | 73 |
| 10 | 86 | 79 | 75 | 72 | 85 | 79 | 75 | 72 | 78 | 74 | 72 | 77 | 74 | 72 | 77 | 74 | 71 | | 70 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 779872 |
| 5° | 763987 |
| 10° | 710742 |
| 15° | 521070 |
| 20° | 266817 |
| 25° | 96175 |
| 30° | 37449 |
| 35° | 13117 |
| 40° | 5382 |
| 45° | 1458 |
| 50° | 1296 |
| 55° | 1453 |
| 60° | 1228 |
| 65° | 986 |
| 70° | 1218 |
| 75° | 1610 |
| 80° | 1137 |
| 85° | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 75°
 Luminance: 1610 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 323.6 | 27.1 |
| 10°-20° | 607.1 | 50.8 |
| 20°-30° | 214.9 | 18.0 |
| 30°-40° | 37.6 | 3.1 |
| 40°-50° | 5.5 | 0.5 |
| 50°-60° | 3.1 | 0.3 |
| 60°-70° | 2.2 | 0.2 |
| 70°-80° | 1.6 | 0.1 |
| 80°-90° | 0.4 | 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° | 1145.6 | 95.8 |
| 0°-40° | 1183.2 | 98.9 |
| 0°-60° | 1191.8 | 99.6 |
| 0°-90° | 1196.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1196.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 3556 | |
| 5° | 3471 | 324 |
| 15° | 2295 | 607 |
| 25° | 398 | 215 |
| 35° | 49 | 38 |
| 45° | 5 | 6 |
| 55° | 4 | 3 |
| 65° | 2 | 2 |
| 75° | 2 | 2 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 3556.5 |
| 1° | 3555.6 |
| 2° | 3544.3 |
| 3° | 3522.6 |
| 4° | 3502.8 |
| 5° | 3470.8 |
| 6° | 3437.8 |
| 7° | 3401.1 |
| 8° | 3355.9 |
| 9° | 3285.2 |
| 10° | 3192.0 |
| 11° | 3063.0 |
| 12° | 2907.5 |
| 13° | 2722.9 |
| 14° | 2519.5 |
| 15° | 2295.3 |
| 17.5° | 1709.5 |
| 20° | 1143.4 |
| 22.5° | 689.4 |
| 25° | 397.5 |
| 27.5° | 237.4 |
| 30° | 147.9 |
| 32.5° | 85.7 |
| 35° | 49.0 |
| 37.5° | 31.1 |
| 40° | 18.8 |
| 42.5° | 9.4 |
| 45° | 4.7 |
| 47.5° | 3.8 |
| 50° | 3.8 |
| 52.5° | 3.8 |
| 55° | 3.8 |
| 57.5° | 2.8 |
| 60° | 2.8 |
| 62.5° | 2.8 |
| 65° | 1.9 |
| 67.5° | 1.9 |
| 70° | 1.9 |
| 72.5° | 1.9 |
| 75° | 1.9 |
| 77.5° | 0.9 |
| 80° | 0.9 |
| 82.5° | 0.9 |
| 85° | 0.0 |
| 87.5° | 0.0 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)