

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: P1259877

Luminaire Tested: P3AS13R159050DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259877
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159050DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

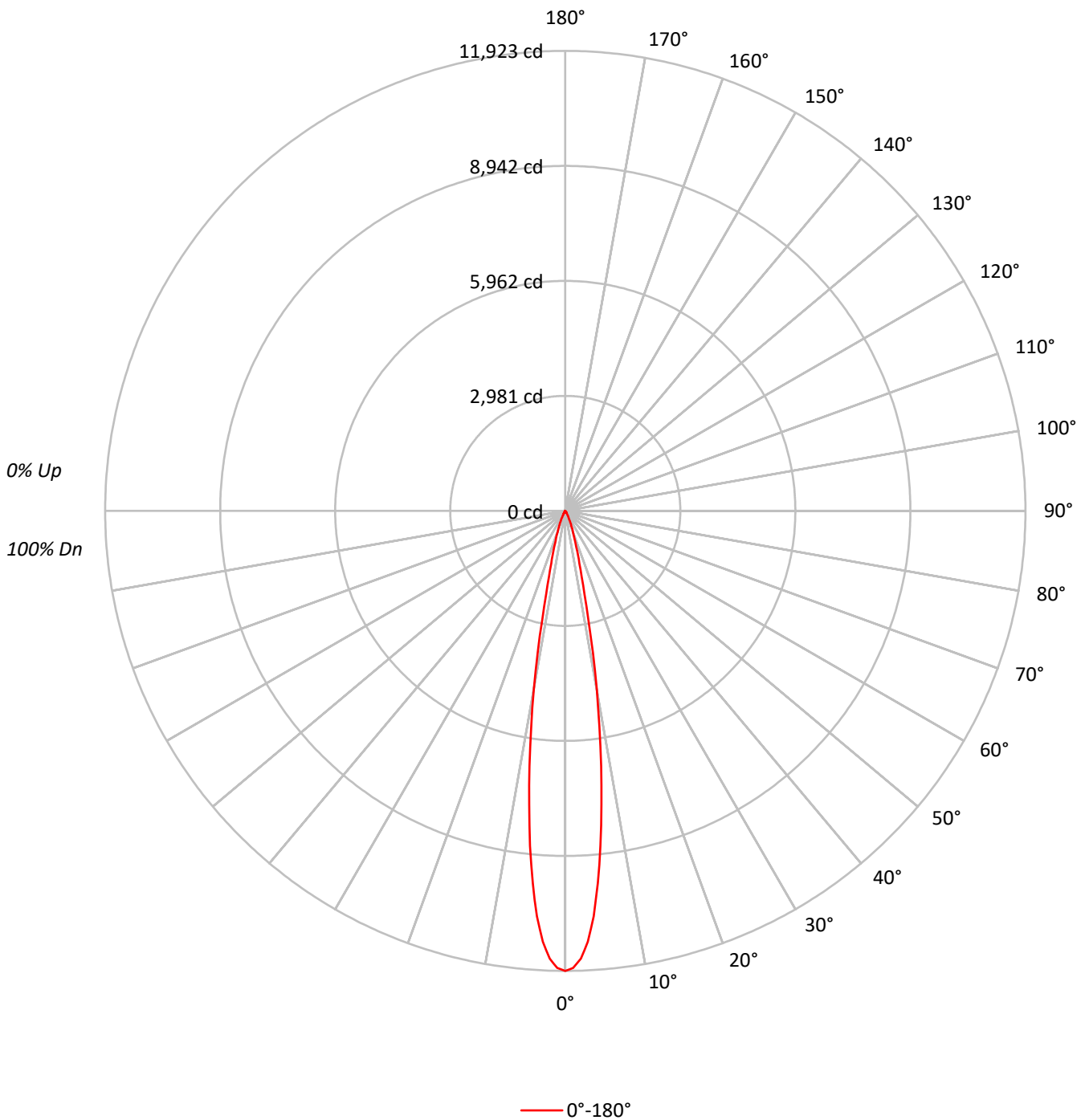
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1373.0 lumens
Efficiency: N/A
Efficacy: 94.0 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		100
1	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	98		98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	96		96
3	110	106	102	100	108	104	102	99	102	100	98	100	98	96	98	96	95	94		94
4	107	102	99	96	106	101	98	96	99	97	95	98	96	94	96	94	93	92		92
5	105	100	96	94	103	99	96	93	97	94	92	96	93	92	94	93	91	90		90
6	102	97	94	91	101	96	93	91	95	92	90	94	92	90	93	91	89	88		88
7	100	95	91	89	99	94	91	89	93	90	88	92	90	88	91	89	88	87		87
8	98	93	89	87	97	92	89	87	91	89	87	91	88	86	90	88	86	85		85
9	96	91	88	85	96	91	87	85	90	87	85	89	87	85	89	86	85	84		84
10	95	89	86	84	94	89	86	84	88	85	83	88	85	83	87	85	83	82		82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2614549
5°	2132000
10°	1044113
15°	319593
20°	135345
25°	61213
30°	23852
35°	11002
40°	3435
45°	1302
50°	546
55°	191
60°	219
65°	259
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1302 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	753.9	54.9
10°-20°	462.6	33.7
20°-30°	124.3	9.0
30°-40°	27.4	2.0
40°-50°	3.8	0.3
50°-60°	0.7	0.0
60°-70°	0.3	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	1340.8	97.7
0°-40°	1368.2	99.6
0°-60°	1372.7	100.0
0°-90°	1373.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1373.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	11923	
5°	9686	754
15°	1408	463
25°	253	124
35°	41	27
45°	4	4
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	11923.3
1°	11848.8
2°	11609.9
3°	11179.3
4°	10531.1
5°	9685.7
6°	8729.3
7°	7664.1
8°	6685.3
9°	5647.7
10°	4689.2
11°	3740.7
12°	2878.0
13°	2213.7
14°	1752.4
15°	1407.8
17.5°	872.6
20°	580.0
22.5°	390.5
25°	253.0
27.5°	149.9
30°	94.2
32.5°	63.5
35°	41.1
37.5°	22.9
40°	12.0
42.5°	6.8
45°	4.2
47.5°	2.6
50°	1.6
52.5°	1.0
55°	0.5
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)