Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1246945

Luminaire Tested: P3A13R409024DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

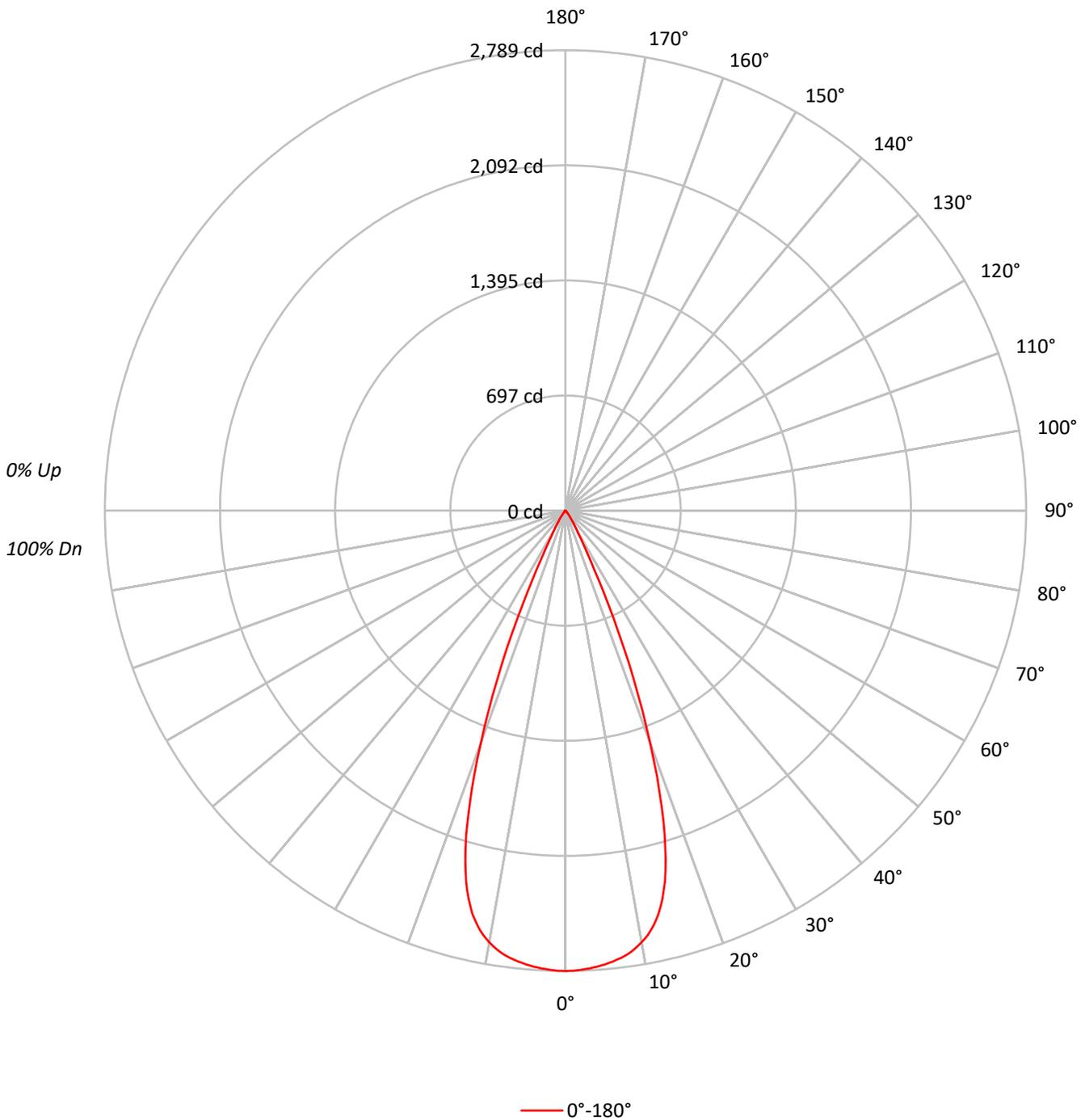|	
Test Method:	LM-79-2019
Report Number:	P1246945
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A13R409024DE010 E3D1LI
Description:	3in Adjustable LED luminaire with, R40 optic, 2400K CCT AND, 90CRI , E3D1LI TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1200.0 lumens
Efficiency:	N/A
Efficacy:	82.2 lumens/watt
Spacing Criteria (0/90/45):	0.7 / 0.7 / 0.6
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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Scaled Data Report

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Luminous Intensity Polar Plot

0% Up

100% Dn

180°
170°
160°
150°
140°
130°
120°
110°
100°
90°
80°
70°
60°
50°
40°
30°
20°
10°
0°

2,789 cd
2,092 cd
1,395 cd
697 cd
0 cd

——— 0°-180°

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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	93	91	90	88
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85
5	99	93	89	85	98	92	88	85	91	87	84	89	86	84	88	85	83	82
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	79
7	93	86	81	78	92	85	81	78	84	80	77	83	80	77	82	79	77	76
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73
9	87	80	75	72	86	79	75	72	78	75	72	78	74	72	77	74	71	70
10	84	77	72	70	83	77	72	69	76	72	69	75	72	69	75	71	69	68

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	611662
5°	607262
10°	591350
15°	528244
20°	350264
25°	131209
30°	35094
35°	13733
40°	4924
45°	2357
50°	716
55°	306
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2357 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	260.3	21.7
10°-20°	616.6	51.4
20°-30°	279.6	23.3
30°-40°	36.2	3.0
40°-50°	6.3	0.5
50°-60°	0.7	0.1
60°-70°	0.2	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°	1156.5	96.4
0°-40°	1192.7	99.4
0°-60°	1199.7	100.0
0°-90°	1200.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1200.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2789	
5°	2759	260
15°	2327	617
25°	542	280
35°	51	36
45°	8	6
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2789.4
1°	2787.7
2°	2783.5
3°	2777.2
4°	2769.3
5°	2758.8
6°	2746.6
7°	2731.5
8°	2713.0
9°	2687.8
10°	2655.8
11°	2618.4
12°	2568.5
13°	2506.7
14°	2426.0
15°	2326.9
16°	2200.5
17°	2056.4
18°	1883.3
19°	1700.5
20°	1501.0
21°	1301.5
22°	1104.8
23°	909.1
24°	716.7
25°	542.3
26°	401.6
27°	294.1
28°	221.0
29°	171.8
30°	138.6
31°	114.7
32°	95.8
32.5°	87.4
33°	79.0
34°	64.3
35°	51.3
36°	40.3
37°	31.9
37.5°	28.6
38°	25.2
39°	21.0
40°	17.2
42.5°	11.3
45°	7.6

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	4.6
50°	2.1
52.5°	0.8
55°	0.8
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
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
90°	0.0

(END OF REPORT)