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: P1273209

Luminaire Tested: P3AS02R709830DE010 E3D1LI

Issue Date: 1/29/2026

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Test Information

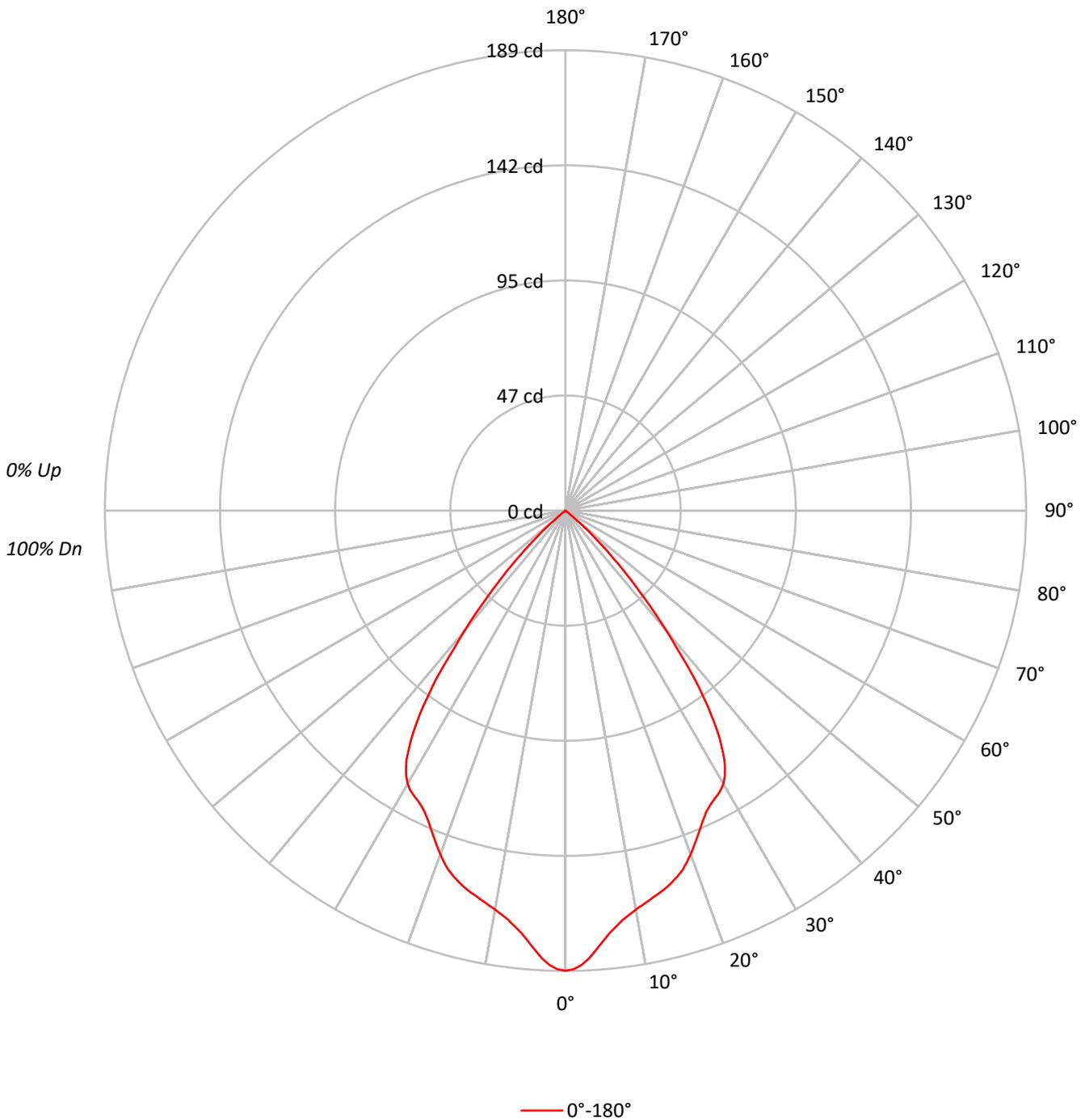|	
Test Method:	LM-79-2019
Report Number:	P1273209
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS02R709830DE010 E3D1LI
Description:	3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 98CRI , E3D1LI TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	213.0 lumens
Efficiency:	N/A
Efficacy:	59.2 lumens/watt
Spacing Criteria (0/90/45):	1.02 / 1.02 / 1.06
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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COOPER
Lighting Solutions

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Luminous Intensity Polar Plot

0% Up

100% Dn

189 cd
142 cd
95 cd
47 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	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	96	93	97	94	91	94	91	89	91	89	87	85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	86	83	80	79
4	95	87	81	77	94	86	81	76	84	79	76	82	78	75	80	77	74	72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61
7	80	70	64	59	79	70	63	59	68	63	59	67	62	58	66	61	58	57
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49
10	68	58	51	47	67	57	51	47	56	51	47	55	50	47	55	50	47	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	41422
5°	39049
10°	37029
15°	36368
20°	35050
25°	33050
30°	32815
35°	28563
40°	18492
45°	8745
50°	1228
55°	115
60°	88
65°	104
70°	64
75°	85
80°	126
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8745 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.6	7.8
10°-20°	45.0	21.1
20°-30°	63.6	29.9
30°-40°	64.0	30.0
40°-50°	23.0	10.8
50°-60°	0.6	0.3
60°-70°	0.2	0.1
70°-80°	0.1	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°	125.2	58.8
0°-40°	189.1	88.8
0°-60°	212.8	99.9
0°-90°	213.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	213.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	189	
5°	177	17
15°	160	45
25°	137	64
35°	107	64
45°	28	23
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	188.9
1°	188.3
2°	186.7
3°	184.1
4°	180.7
5°	177.4
6°	174.3
7°	171.8
8°	169.6
9°	167.9
10°	166.3
11°	165.0
12°	163.8
13°	162.5
14°	161.4
15°	160.2
16°	158.7
17°	157.1
18°	155.2
19°	152.8
20°	150.2
21°	147.3
22°	144.4
23°	141.6
24°	138.9
25°	136.6
26°	134.9
27°	133.6
28°	132.5
29°	131.3
30°	129.6
31°	127.0
32°	123.4
32.5°	121.4
33°	118.7
34°	113.4
35°	106.7
36°	99.4
37°	91.1
37.5°	87.2
38°	82.0
39°	72.6
40°	64.6
42.5°	44.7
45°	28.2

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	15.1
50°	3.6
52.5°	0.4
55°	0.3
57.5°	0.3
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.1
70°	0.1
72.5°	0.1
75°	0.1
77.5°	0.1
80°	0.1
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)