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: P1251786

Luminaire Tested: P3AS09R709030DE010 E3DL1MW

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1251786
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS09R709030DE010 E3DL1MW
Description:	3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	737.1 lumens
Efficiency:	N/A
Efficacy:	66.4 lumens/watt
Spacing Criteria (0/90/45):	0.97 / 0.97 / 0.98
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	11.1
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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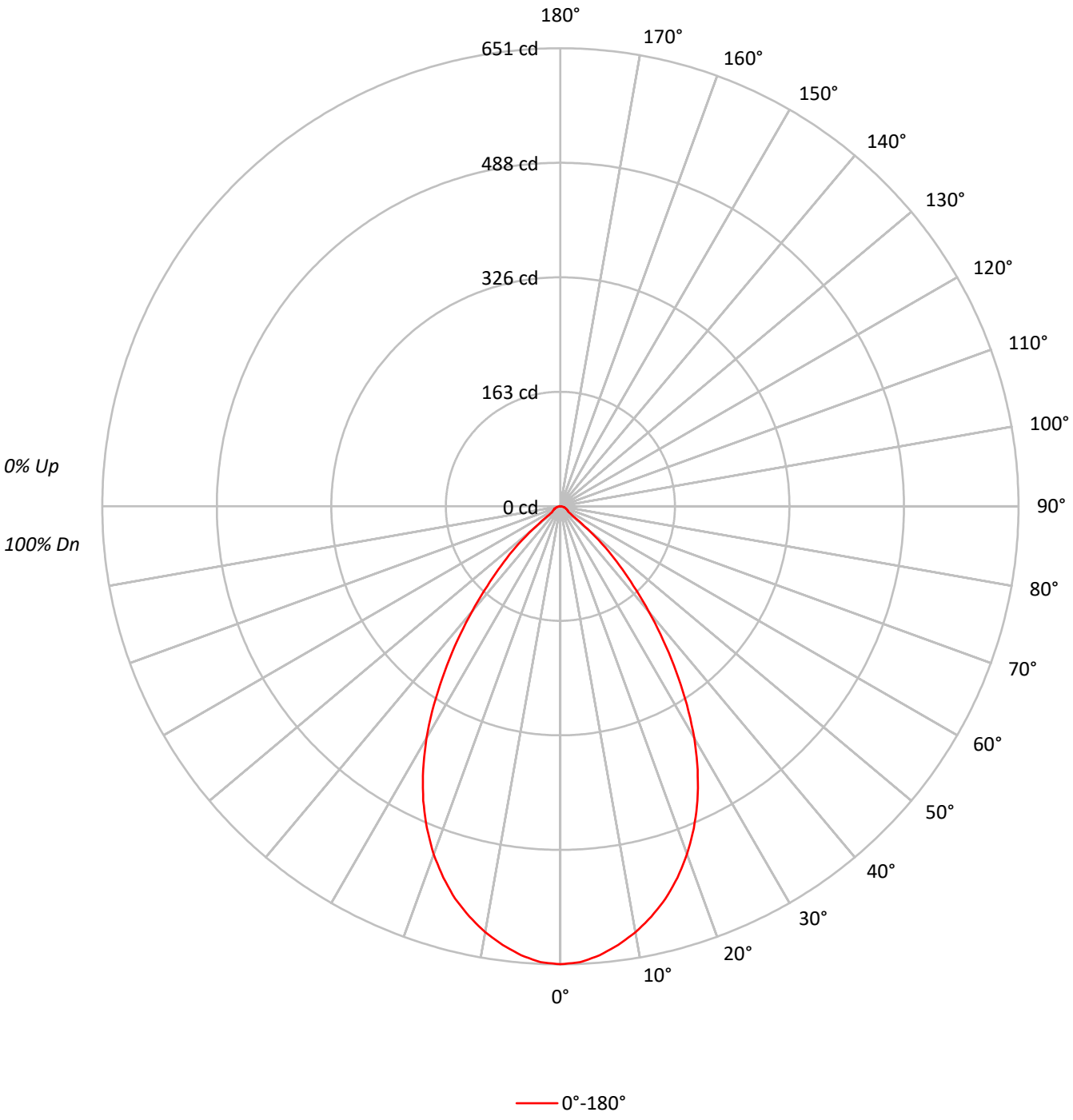
Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			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	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92
2	106	101	96	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	142686
5°	140964
10°	136893
15°	131102
20°	122791
25°	111563
30°	96369
35°	76801
40°	55933
45°	36779
50°	17228
55°	5314
60°	5131
65°	4929
70°	4680
75°	4999
80°	4672
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 36779 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.3	8.2
10°-20°	161.6	21.9
20°-30°	210.1	28.5
30°-40°	178.2	24.2
40°-50°	91.9	12.5
50°-60°	17.7	2.4
60°-70°	9.6	1.3
70°-80°	5.9	0.8
80°-90°	1.7	0.2
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°	432.0	58.6
0°-40°	610.2	82.8
0°-60°	719.8	97.7
0°-90°	737.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	737.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	651	
5°	640	60
15°	578	162
25°	461	210
35°	287	178
45°	119	92
55°	14	18
65°	10	10
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	650.7
2.5°	648.5
5°	640.4
7.5°	628.7
10°	614.8
12.5°	597.2
15°	577.5
17.5°	553.3
20°	526.2
22.5°	495.5
25°	461.1
27.5°	422.3
30°	380.6
32.5°	334.5
35°	286.9
37.5°	240.1
40°	195.4
42.5°	153.7
45°	118.6
47.5°	87.1
50°	50.5
52.5°	22.0
55°	13.9
57.5°	13.2
60°	11.7
62.5°	11.0
65°	9.5
67.5°	8.8
70°	7.3
72.5°	6.6
75°	5.9
77.5°	4.4
80°	3.7
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)