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: P1248332

Luminaire Tested: P3AS05R109027DE010 E3DLP1LI

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1248332
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS05R109027DE010 E3DLP1LI
Description:	3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	254.0 lumens
Efficiency:	N/A
Efficacy:	32.1 lumens/watt
Spacing Criteria (0/90/45):	0.52 / 0.52 / 0.61
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	7.9
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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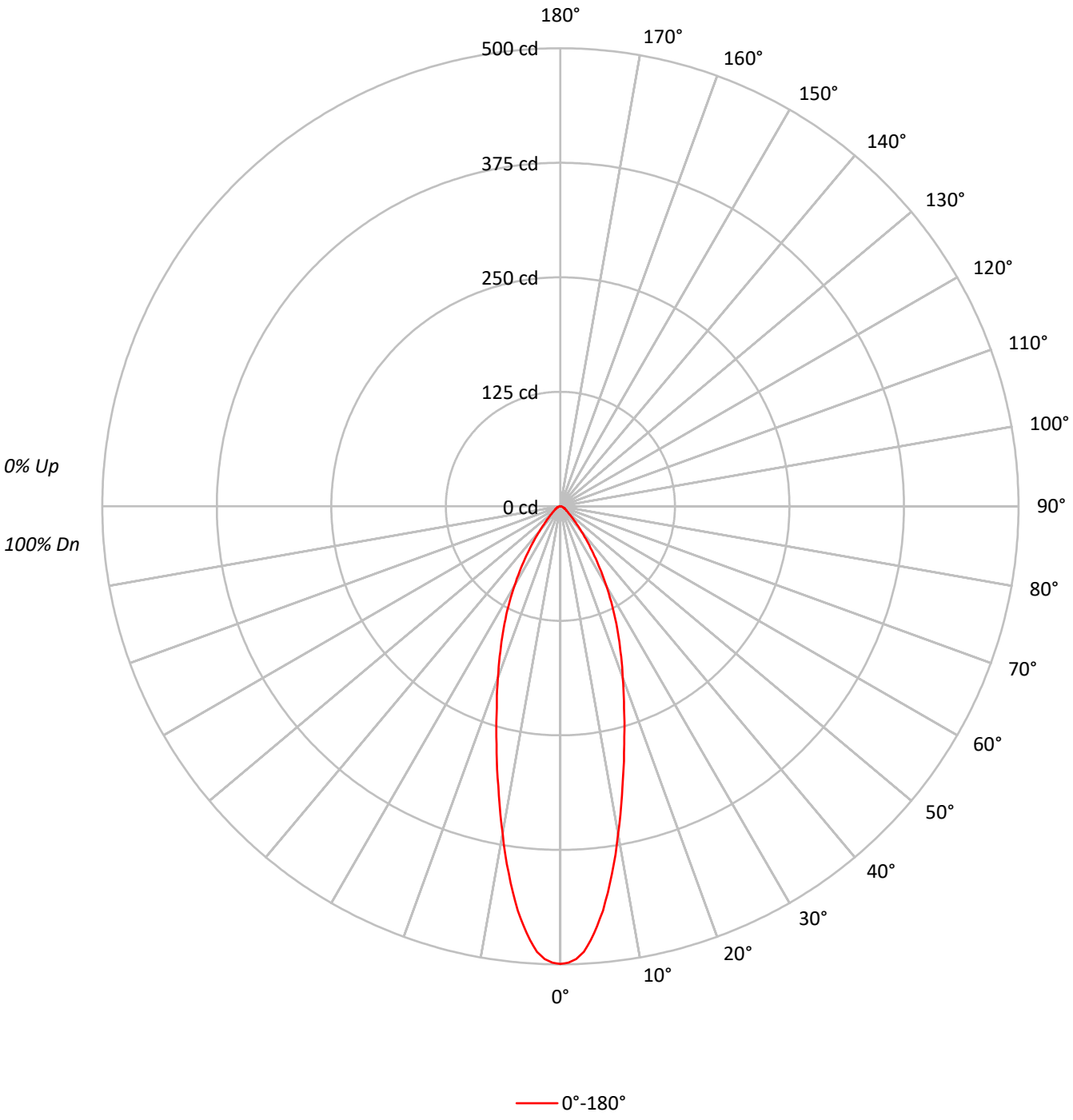
Luminous Intensity Polar Plot



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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	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	73	78	75	72	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	68	63	60	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	109531
5°	101232
10°	80827
15°	61045
20°	46484
25°	35421
30°	25371
35°	16570
40°	10162
45°	6140
50°	4094
55°	3135
60°	2719
65°	2335
70°	2116
75°	2118
80°	1515
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6140 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.7	16.0
10°-20°	75.2	29.6
20°-30°	66.9	26.3
30°-40°	39.6	15.6
40°-50°	16.3	6.4
50°-60°	7.6	3.0
60°-70°	4.6	1.8
70°-80°	2.4	1.0
80°-90°	0.6	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°	182.8	72.0
0°-40°	222.4	87.6
0°-60°	246.3	97.0
0°-90°	254.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	254.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	500	
5°	460	41
15°	269	75
25°	146	67
35°	62	40
45°	20	16
55°	8	8
65°	4	5
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	499.5
1°	498.3
2°	494.5
3°	487.1
4°	474.8
5°	459.9
6°	443.8
7°	424.8
8°	405.0
9°	384.8
10°	363.0
12.5°	313.1
15°	268.9
17.5°	231.0
20°	199.2
22.5°	171.2
25°	146.4
27.5°	122.5
30°	100.2
32.5°	80.0
35°	61.9
37.5°	47.4
40°	35.5
42.5°	26.4
45°	19.8
47.5°	15.3
50°	12.0
52.5°	9.9
55°	8.2
57.5°	7.0
60°	6.2
62.5°	5.4
65°	4.5
67.5°	4.1
70°	3.3
72.5°	2.9
75°	2.5
77.5°	1.6
80°	1.2
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)