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: P1246332

Luminaire Tested: P3AS05R709024DE010 E3DL1LI

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1246332
	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:	P3AS05R709024DE010 E3DL1LI
Description:	3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3DL1LI TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	445.0 lumens
Efficiency:	N/A
Efficacy:	61.8 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):	7.2
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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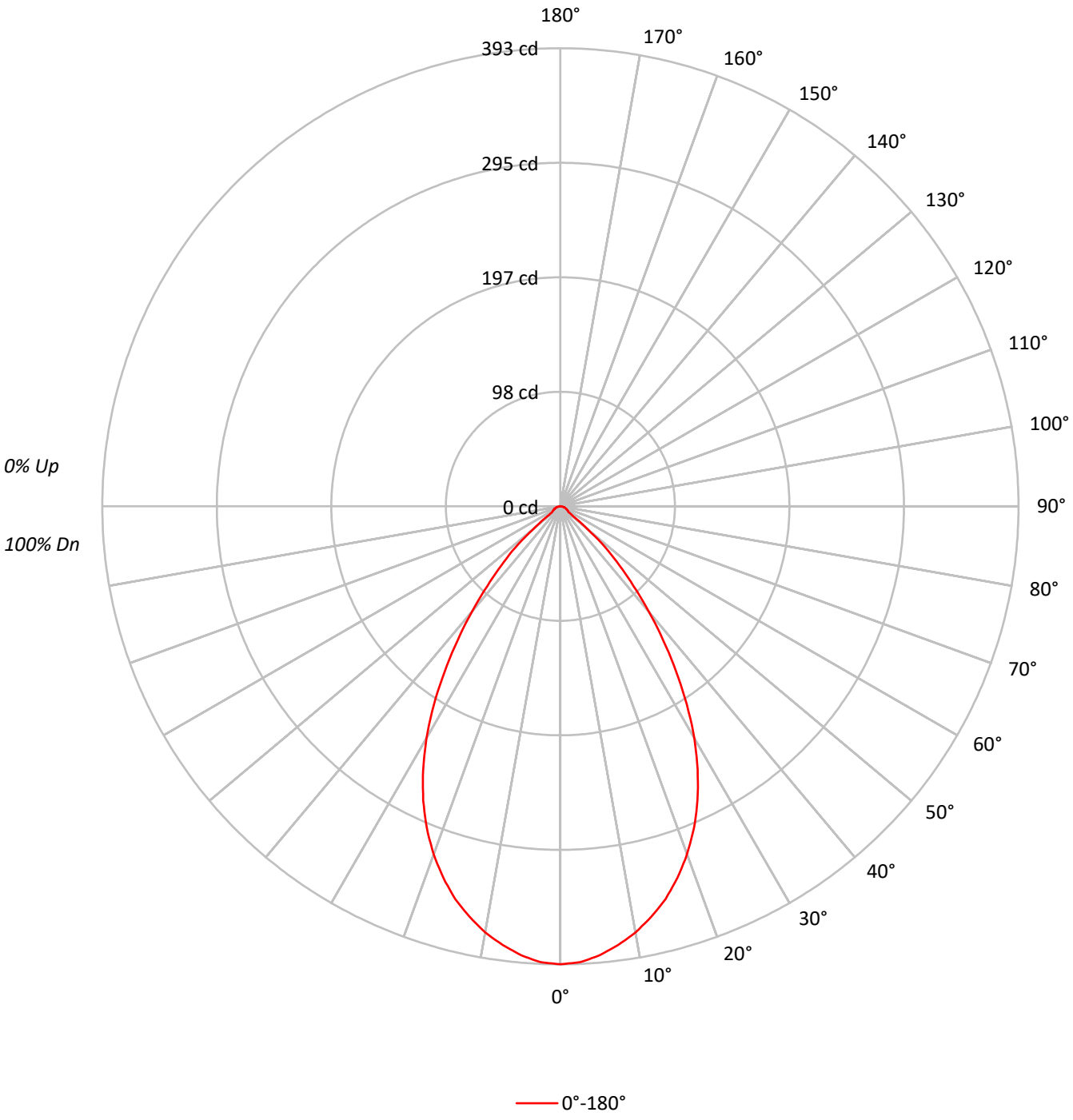
Luminous Intensity Polar Plot



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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	93	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°	86155
5°	85120
10°	82653
15°	79161
20°	74136
25°	67359
30°	58186
35°	46364
40°	33778
45°	22204
50°	10405
55°	3211
60°	3114
65°	2958
70°	2821
75°	2965
80°	2778
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 22204 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.4	8.2
10°-20°	97.6	21.9
20°-30°	126.8	28.5
30°-40°	107.6	24.2
40°-50°	55.5	12.5
50°-60°	10.7	2.4
60°-70°	5.8	1.3
70°-80°	3.6	0.8
80°-90°	1.0	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°	260.8	58.6
0°-40°	368.4	82.8
0°-60°	434.7	97.7
0°-90°	445.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	445.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	393	
5°	387	36
15°	349	98
25°	278	127
35°	173	108
45°	72	55
55°	8	11
65°	6	6
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	392.9
2.5°	391.5
5°	386.7
7.5°	379.6
10°	371.2
12.5°	360.6
15°	348.7
17.5°	334.1
20°	317.7
22.5°	299.2
25°	278.4
27.5°	255.0
30°	229.8
32.5°	202.0
35°	173.2
37.5°	144.9
40°	118.0
42.5°	92.8
45°	71.6
47.5°	52.6
50°	30.5
52.5°	13.3
55°	8.4
57.5°	8.0
60°	7.1
62.5°	6.6
65°	5.7
67.5°	5.3
70°	4.4
72.5°	4.0
75°	3.5
77.5°	2.7
80°	2.2
82.5°	1.3
85°	0.9
87.5°	0.4
90°	0.0

(END OF REPORT)