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: P1301750

Luminaire Tested: P3AS17R55W2N902750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1301750
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R55W2N902750DE010 E3DLD1GPH_2700K
Description:	3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	449.0 lumens
Efficiency:	N/A
Efficacy:	23.1 lumens/watt
Spacing Criteria (0/90/45):	0.91 / 0.91 / 0.97
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	19.4
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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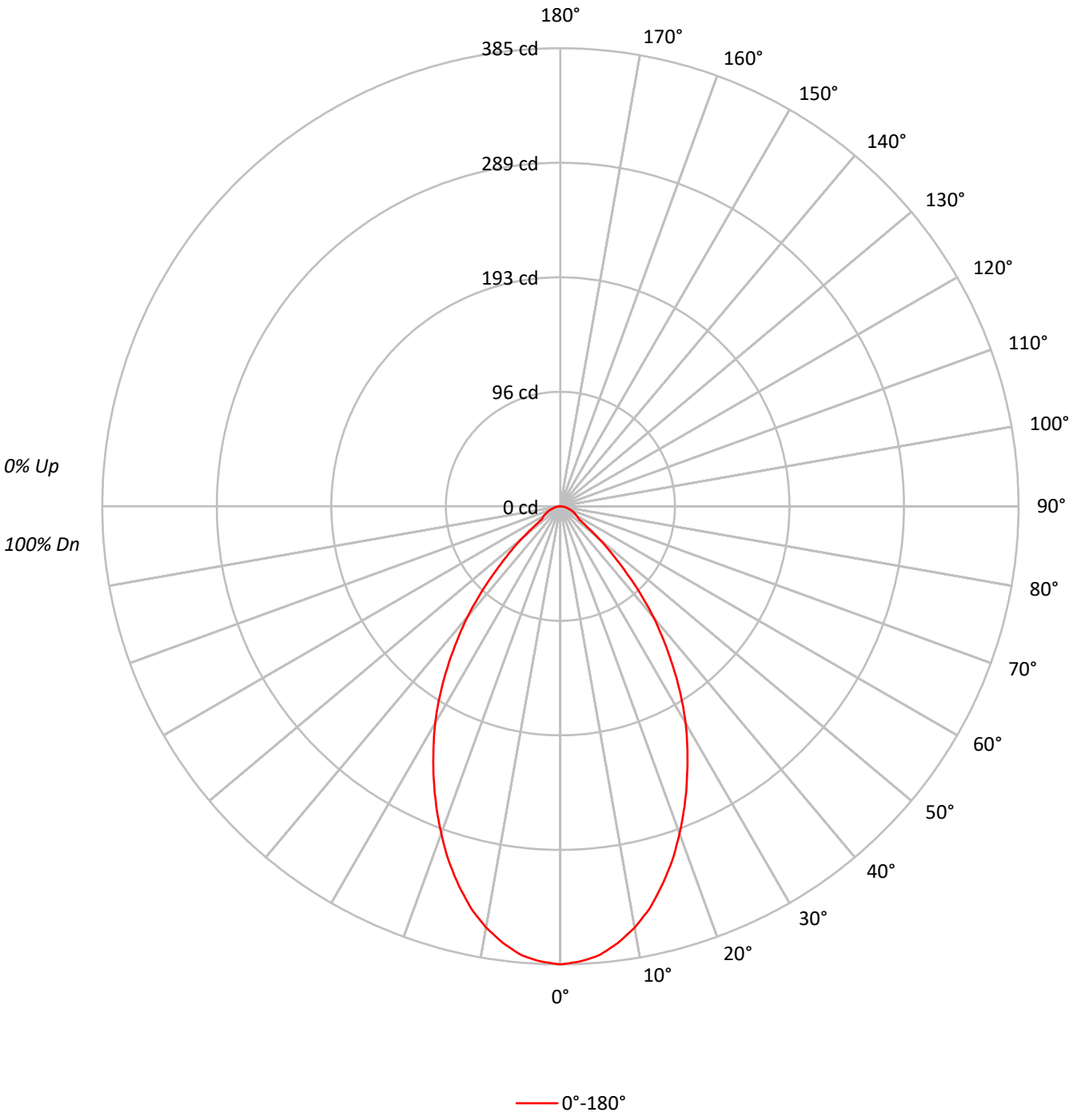
Luminous Intensity Polar Plot



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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	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	84423
5°	83337
10°	80048
15°	74893
20°	68303
25°	60947
30°	53299
35°	44303
40°	34923
45°	23692
50°	14464
55°	7493
60°	6973
65°	6590
70°	6091
75°	5422
80°	5304
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 23692 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.5	7.9
10°-20°	92.2	20.5
20°-30°	115.4	25.7
30°-40°	103.1	23.0
40°-50°	60.3	13.4
50°-60°	20.8	4.6
60°-70°	12.6	2.8
70°-80°	7.0	1.6
80°-90°	2.0	0.5
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°	243.2	54.2
0°-40°	346.2	77.1
0°-60°	427.4	95.2
0°-90°	449.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	449.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	385	
5°	379	36
15°	330	92
25°	252	115
35°	166	103
45°	76	60
55°	20	21
65°	13	13
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	385.0
2.5°	382.9
5°	378.6
7.5°	370.2
10°	359.5
12.5°	346.3
15°	329.9
17.5°	312.4
20°	292.7
22.5°	272.6
25°	251.9
27.5°	231.2
30°	210.5
32.5°	188.3
35°	165.5
37.5°	143.2
40°	122.0
42.5°	99.2
45°	76.4
47.5°	58.3
50°	42.4
52.5°	27.6
55°	19.6
57.5°	17.5
60°	15.9
62.5°	14.3
65°	12.7
67.5°	11.1
70°	9.5
72.5°	8.0
75°	6.4
77.5°	5.3
80°	4.2
82.5°	2.7
85°	1.6
87.5°	1.1
90°	0.0

(END OF REPORT)