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: P1301930

Luminaire Tested: P3AS17R55W2N902765DE010 E3DLD1MW_2700K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1301930
	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:	P3AS17R55W2N902765DE010 E3DLD1MW_2700K
Description:	3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	916.0 lumens
Efficiency:	N/A
Efficacy:	47.2 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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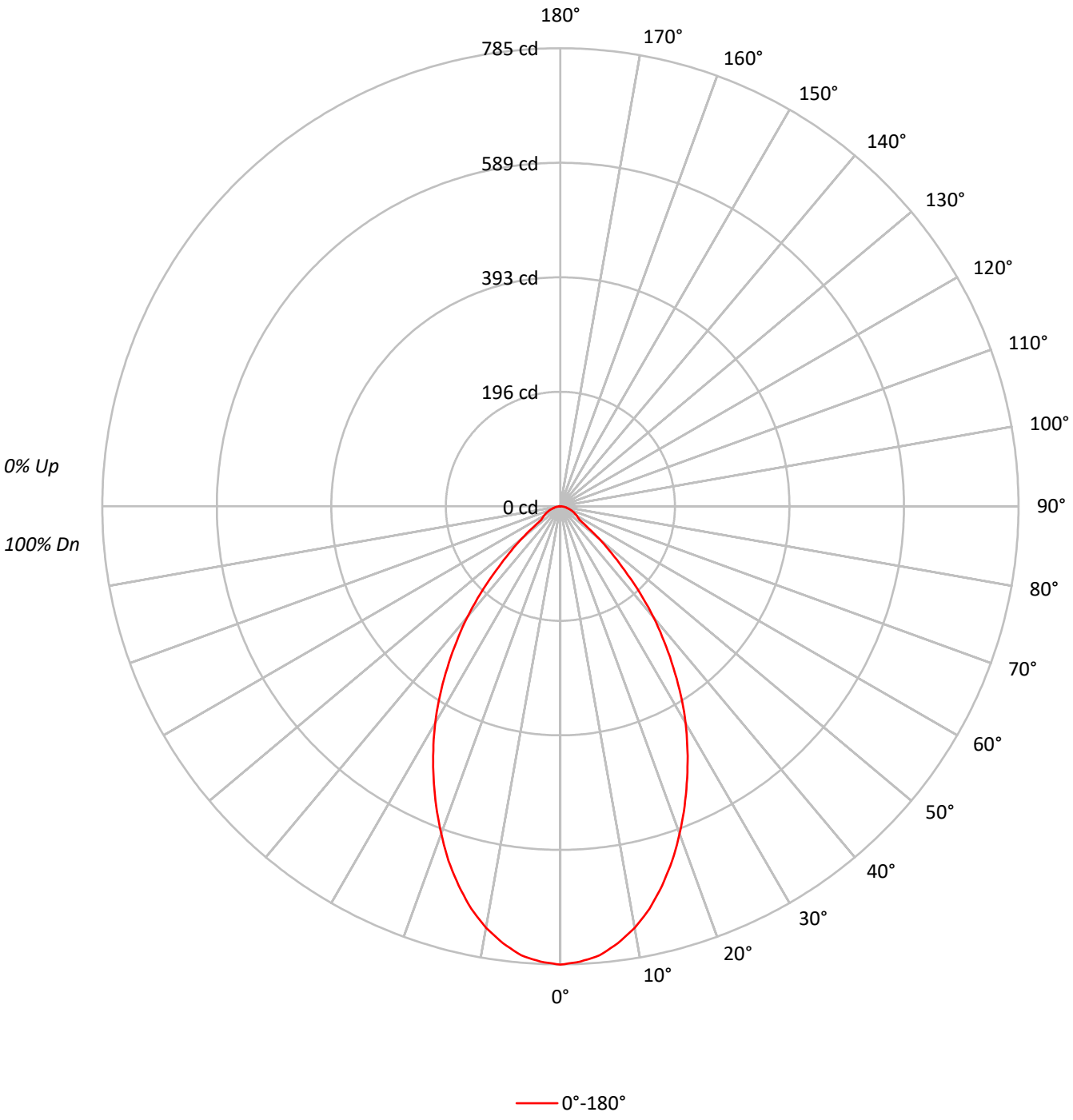
Luminous Intensity Polar Plot



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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°	172223
5°	170041
10°	163324
15°	152759
20°	139359
25°	124338
30°	108751
35°	90346
40°	71219
45°	48315
50°	29509
55°	15292
60°	14253
65°	13490
70°	12502
75°	11014
80°	10986
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 48315 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.4	7.9
10°-20°	188.1	20.5
20°-30°	235.5	25.7
30°-40°	210.2	23.0
40°-50°	123.1	13.4
50°-60°	42.5	4.6
60°-70°	25.7	2.8
70°-80°	14.3	1.6
80°-90°	4.1	0.4
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°	496.1	54.2
0°-40°	706.3	77.1
0°-60°	871.9	95.2
0°-90°	916.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	916.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	785	
5°	772	72
15°	673	188
25°	514	236
35°	338	210
45°	156	123
55°	40	43
65°	26	26
75°	13	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	785.4
2.5°	781.1
5°	772.5
7.5°	755.1
10°	733.5
12.5°	706.5
15°	672.9
17.5°	637.2
20°	597.2
22.5°	556.1
25°	513.9
27.5°	471.7
30°	429.5
32.5°	384.1
35°	337.5
37.5°	292.1
40°	248.8
42.5°	202.3
45°	155.8
47.5°	119.0
50°	86.5
52.5°	56.3
55°	40.0
57.5°	35.7
60°	32.5
62.5°	29.2
65°	26.0
67.5°	22.7
70°	19.5
72.5°	16.2
75°	13.0
77.5°	10.8
80°	8.7
82.5°	5.4
85°	3.2
87.5°	2.2
90°	0.0

(END OF REPORT)