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: P1302830

Luminaire Tested: P3AS17R70W2N902765DE010 E3DL1LI_6500K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1302830
	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:	P3AS17R70W2N902765DE010 E3DL1LI_6500K
Description:	3in Adjustable Tunable White LED luminaire with, R70 optic, 6500K CCT AND, 90CRI , E3DL1LI TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1213.0 lumens
Efficiency:	N/A
Efficacy:	62.5 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):	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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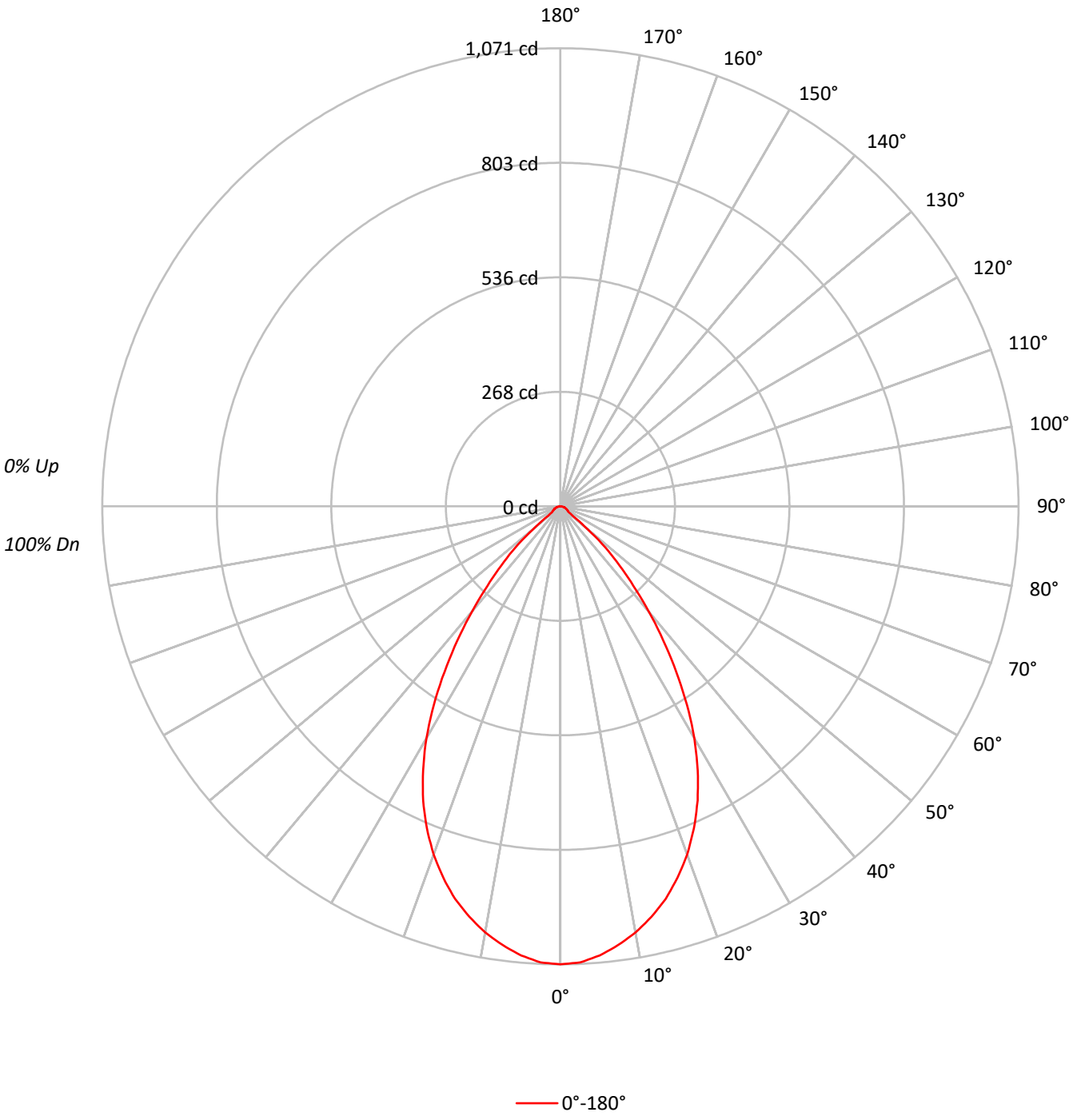
Luminous Intensity Polar Plot



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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	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°	234828
5°	232005
10°	225313
15°	215756
20°	202108
25°	183615
30°	158607
35°	126404
40°	92058
45°	60502
50°	28349
55°	8755
60°	8464
65°	8146
70°	7694
75°	8133
80°	7577
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 60502 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.3	8.2
10°-20°	266.0	21.9
20°-30°	345.7	28.5
30°-40°	293.3	24.2
40°-50°	151.2	12.5
50°-60°	29.2	2.4
60°-70°	15.8	1.3
70°-80°	9.7	0.8
80°-90°	2.8	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°	711.0	58.6
0°-40°	1004.3	82.8
0°-60°	1184.7	97.7
0°-90°	1213.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1213.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1071	
5°	1054	99
15°	950	266
25°	759	346
35°	472	293
45°	195	151
55°	23	29
65°	16	16
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1070.9
2.5°	1067.3
5°	1054.0
7.5°	1034.8
10°	1011.9
12.5°	983.0
15°	950.4
17.5°	910.7
20°	866.1
22.5°	815.5
25°	758.9
27.5°	695.1
30°	626.4
32.5°	550.5
35°	472.2
37.5°	395.1
40°	321.6
42.5°	253.0
45°	195.1
47.5°	143.3
50°	83.1
52.5°	36.1
55°	22.9
57.5°	21.7
60°	19.3
62.5°	18.1
65°	15.7
67.5°	14.5
70°	12.0
72.5°	10.8
75°	9.6
77.5°	7.2
80°	6.0
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)