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: P1292537

Luminaire Tested: P3A09R30W2N902750DE010 E3D1LI_2700K

Issue Date: 1/29/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1292537
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A09R30W2N902750DE010 E3D1LI_2700K
Description:	3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3D1LI TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	667.0 lumens
Efficiency:	N/A
Efficacy:	74.1 lumens/watt
Spacing Criteria (0/90/45):	0.52 / 0.52 / 0.47
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	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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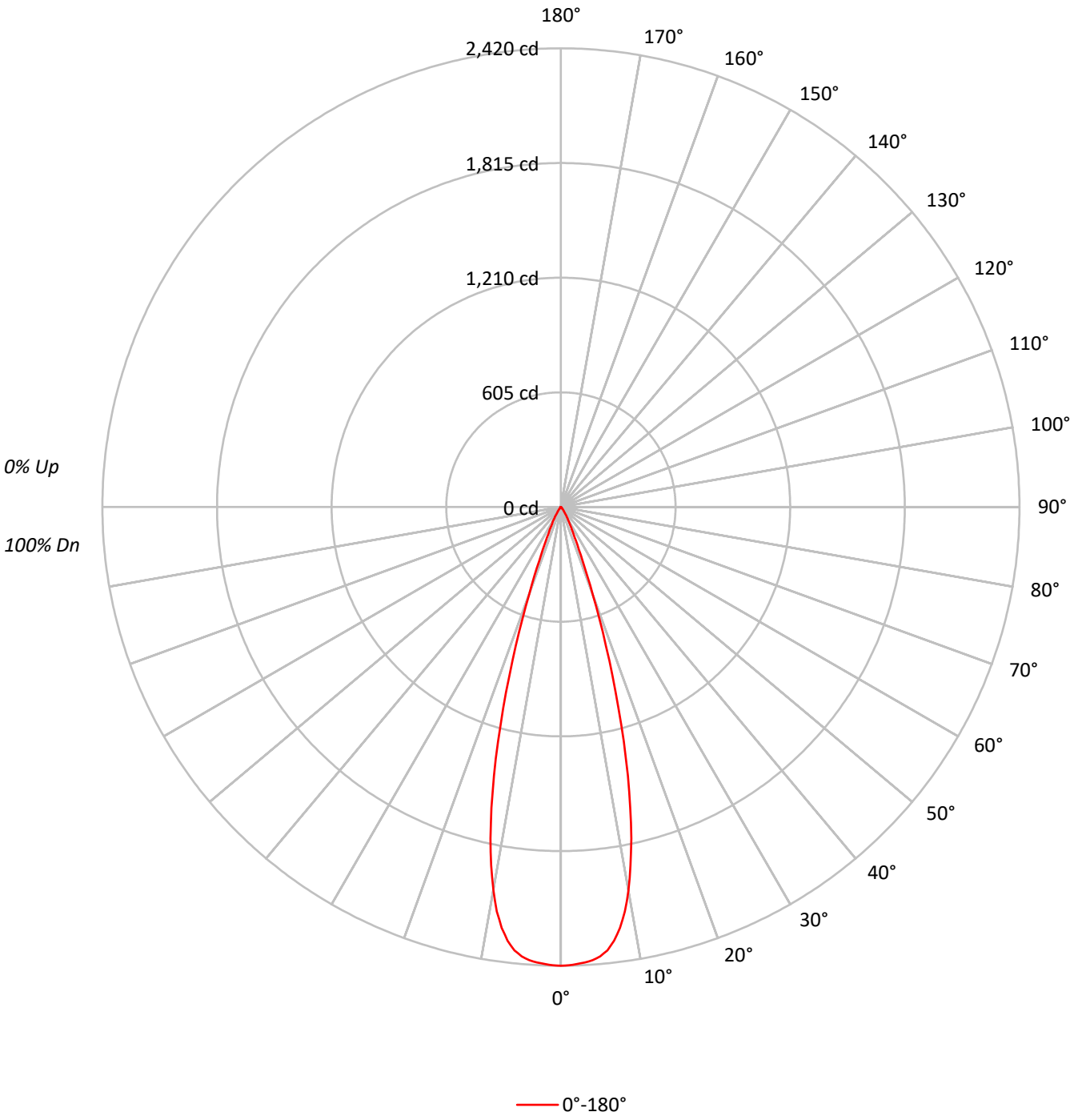
Luminous Intensity Polar Plot



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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	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85
6	99	92	88	85	97	92	88	85	90	87	84	89	86	84	88	85	83	82
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	530681
5°	523771
10°	457284
15°	290671
20°	115160
25°	38470
30°	17901
35°	8111
40°	3120
45°	1520
50°	443
55°	191
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1520 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	217.5	32.6
10°-20°	337.4	50.6
20°-30°	87.0	13.0
30°-40°	20.4	3.1
40°-50°	4.0	0.6
50°-60°	0.5	0.1
60°-70°	0.3	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	641.9	96.2
0°-40°	662.3	99.3
0°-60°	666.8	100.0
0°-90°	667.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	667.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2420	
5°	2380	218
15°	1280	337
25°	159	87
35°	30	20
45°	5	4
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2420.1
1°	2418.3
2°	2412.6
3°	2406.1
4°	2396.6
5°	2379.5
6°	2351.8
7°	2305.7
8°	2242.8
9°	2160.7
10°	2053.7
11°	1926.6
12°	1787.8
13°	1628.1
14°	1460.8
15°	1280.4
16°	1103.5
17°	933.1
18°	769.8
19°	619.9
20°	493.5
21°	388.4
22°	305.5
23°	241.8
24°	193.7
25°	159.0
26°	132.6
27°	112.6
28°	97.4
29°	83.4
30°	70.7
32.5°	44.5
35°	30.3
37.5°	18.9
40°	10.9
42.5°	7.2
45°	4.9
47.5°	2.8
50°	1.3
52.5°	0.5
55°	0.5
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3

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CANDELA DISTRIBUTION (continued):

	0°
67.5°	*0.3*
70°	*0.0*
72.5°	*0.0*
75°	*0.0*
77.5°	*0.0*
80°	*0.0*
82.5°	*0.0*
85°	*0.0*
87.5°	*0.0*
90°	*0.0*

(END OF REPORT)