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: P1283970

Luminaire Tested: P3AS09R60B2750DE010 E3DLP1GPH_4000K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1283970
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS09R60B2750DE010 E3DLP1GPH_4000K
Description:	3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 80CRI , E3DLP1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	209.0 lumens
Efficiency:	N/A
Efficacy:	16.0 lumens/watt
Spacing Criteria (0/90/45):	0.79 / 0.79 / 0.83
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	13.1
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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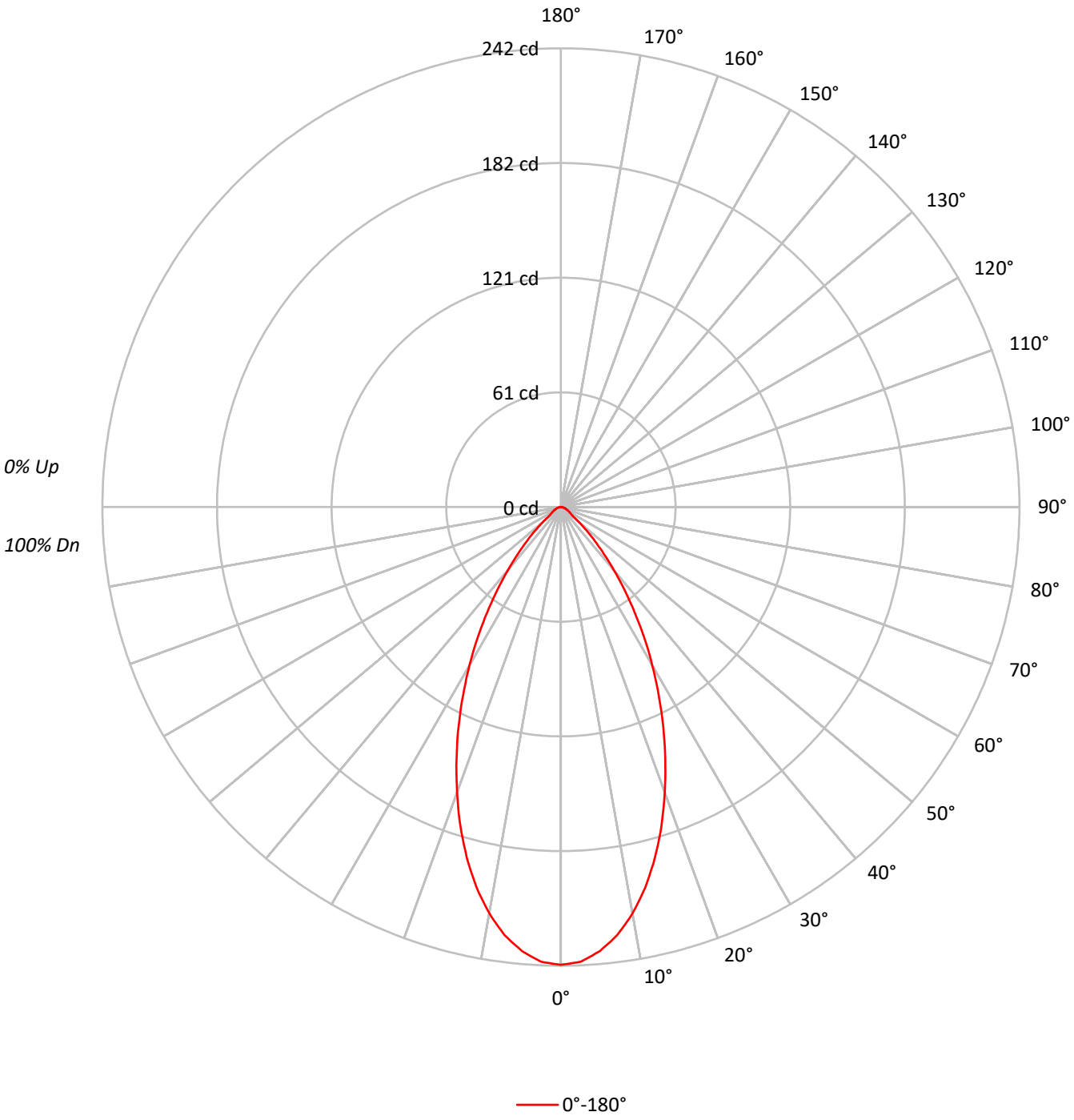
Luminous Intensity Polar Plot



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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	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	58
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52956
5°	51772
10°	48474
15°	43496
20°	37407
25°	30921
30°	24434
35°	18150
40°	12509
45°	7846
50°	4298
55°	2523
60°	2281
65°	1920
70°	1667
75°	1694
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7846 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.9	10.5
10°-20°	53.2	25.5
20°-30°	58.4	27.9
30°-40°	42.5	20.3
40°-50°	20.1	9.6
50°-60°	6.6	3.1
60°-70°	3.7	1.8
70°-80°	2.0	1.0
80°-90°	0.6	0.3
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°	133.5	63.9
0°-40°	176.0	84.2
0°-60°	202.6	97.0
0°-90°	209.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	209.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	242	
5°	235	22
15°	192	53
25°	128	58
35°	68	43
45°	25	20
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	241.5
2.5°	240.1
5°	235.2
7.5°	227.8
10°	217.7
12.5°	205.6
15°	191.6
17.5°	176.4
20°	160.3
22.5°	143.9
25°	127.8
27.5°	111.7
30°	96.5
32.5°	81.9
35°	67.8
37.5°	55.1
40°	43.7
42.5°	33.6
45°	25.3
47.5°	18.4
50°	12.6
52.5°	8.3
55°	6.6
57.5°	5.7
60°	5.2
62.5°	4.3
65°	3.7
67.5°	3.2
70°	2.6
72.5°	2.3
75°	2.0
77.5°	1.4
80°	1.1
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)