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: P1284605

Luminaire Tested: P3AS13R25B2750DE010 E3D1WH_4000K

Issue Date: 1/29/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1284605
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS13R25B2750DE010 E3D1WH_4000K
Description:	3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 80CRI , E3D1WH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1040.1 lumens
Efficiency:	N/A
Efficacy:	54.5 lumens/watt
Spacing Criteria (0/90/45):	0.44 / 0.44 / 0.4
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	19.1
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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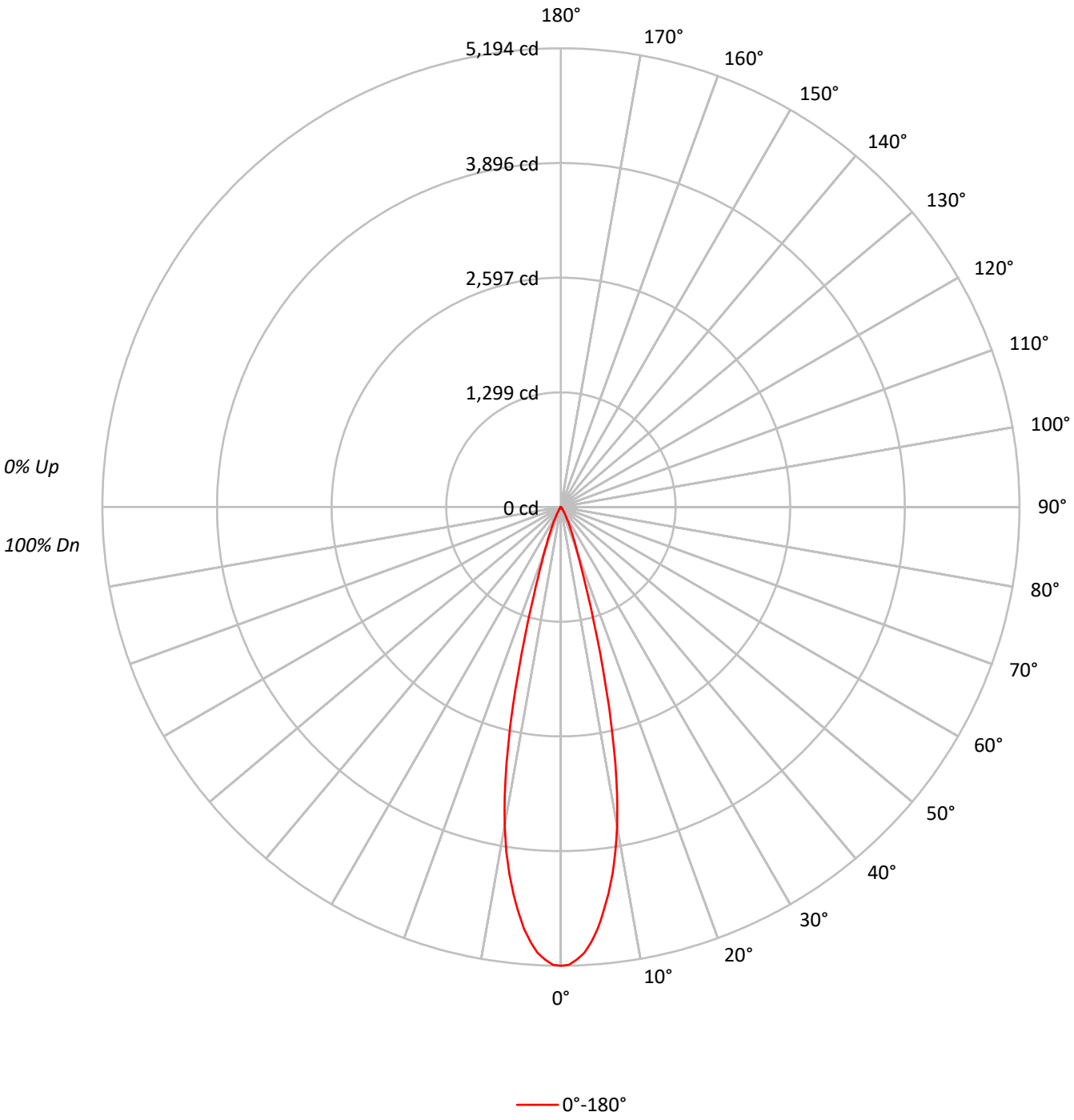
Luminous Intensity Polar Plot



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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	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1138988
5°	1055115
10°	816351
15°	389923
20°	128555
25°	54197
30°	21016
35°	9075
40°	3034
45°	1395
50°	512
55°	306
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1395 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	421.3	40.5
10°-20°	479.2	46.1
20°-30°	111.4	10.7
30°-40°	23.4	2.2
40°-50°	3.8	0.4
50°-60°	0.7	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°	1011.9	97.3
0°-40°	1035.3	99.5
0°-60°	1039.7	100.0
0°-90°	1040.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1040.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5194	
5°	4793	421
15°	1718	479
25°	224	111
35°	34	23
45°	4	4
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	5194.2
1°	5183.7
2°	5129.7
3°	5054.0
4°	4938.2
5°	4793.4
6°	4607.5
7°	4412.9
8°	4194.6
9°	3948.4
10°	3666.3
11°	3339.4
12°	2964.2
13°	2553.2
14°	2123.3
15°	1717.6
16°	1358.6
17°	1058.5
18°	832.6
19°	665.9
20°	550.9
21°	460.4
22°	386.5
23°	322.8
24°	270.0
25°	224.0
27.5°	132.7
30°	83.0
32.5°	53.2
35°	33.9
37.5°	20.4
40°	10.6
42.5°	6.8
45°	4.5
47.5°	2.6
50°	1.5
52.5°	0.8
55°	0.8
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.0
72.5°	0.0

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CANDELA DISTRIBUTION (continued):

	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)