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: P1273981

Luminaire Tested: P3AS13R259830DE010 E3D1H

Issue Date: 1/29/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1273981
	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:	P3AS13R259830DE010 E3D1H
Description:	3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3D1H TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	981.1 lumens
Efficiency:	N/A
Efficacy:	67.7 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):	14.5
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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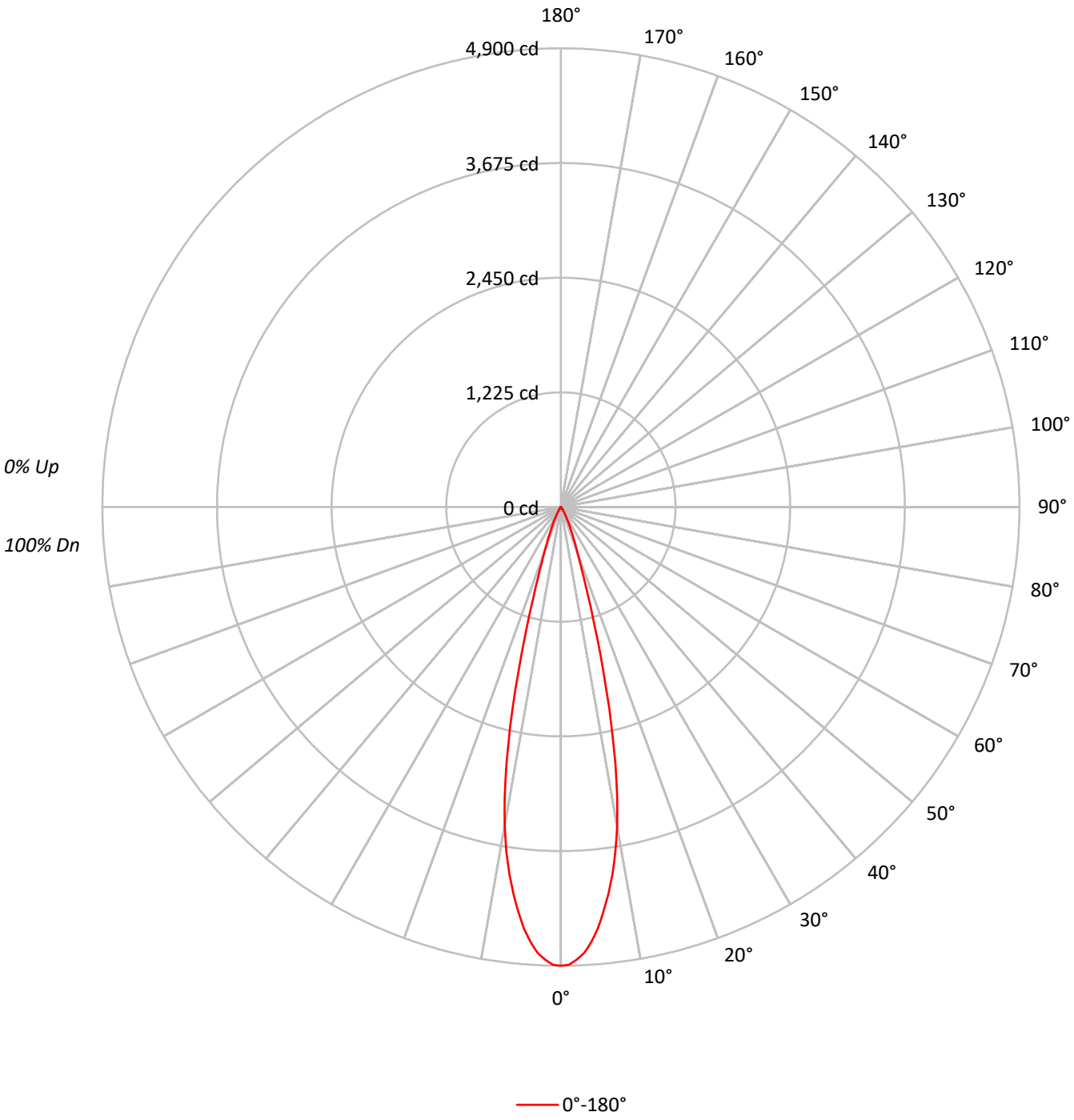
Luminous Intensity Polar Plot



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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°	1074388
5°	995265
10°	770037
15°	367789
20°	121274
25°	51124
30°	19826
35°	8566
40°	2863
45°	1333
50°	478
55°	268
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1333 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	397.4	40.5
10°-20°	452.0	46.1
20°-30°	105.1	10.7
30°-40°	22.1	2.2
40°-50°	3.6	0.4
50°-60°	0.6	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°	954.5	97.3
0°-40°	976.6	99.5
0°-60°	980.7	100.0
0°-90°	981.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	981.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4900	
5°	4522	397
15°	1620	452
25°	211	105
35°	32	22
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°	4899.6
1°	4889.6
2°	4838.7
3°	4767.2
4°	4658.0
5°	4521.5
6°	4346.1
7°	4162.6
8°	3956.6
9°	3724.4
10°	3458.3
11°	3149.9
12°	2796.0
13°	2408.3
14°	2002.9
15°	1620.1
16°	1281.5
17°	998.4
18°	785.4
19°	628.1
20°	519.7
21°	434.3
22°	364.6
23°	304.5
24°	254.7
25°	211.3
27.5°	125.2
30°	78.3
32.5°	50.2
35°	32.0
37.5°	19.2
40°	10.0
42.5°	6.4
45°	4.3
47.5°	2.5
50°	1.4
52.5°	0.7
55°	0.7
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)