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: P1269312

Luminaire Tested: P3AS09R159740DE010 E3D1H

Issue Date: 1/29/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1269312
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS09R159740DE010 E3D1H
Description:	3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3D1H TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	915.9 lumens
Efficiency:	N/A
Efficacy:	82.5 lumens/watt
Spacing Criteria (0/90/45):	0.3 / 0.3 / 0.29
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	11.1
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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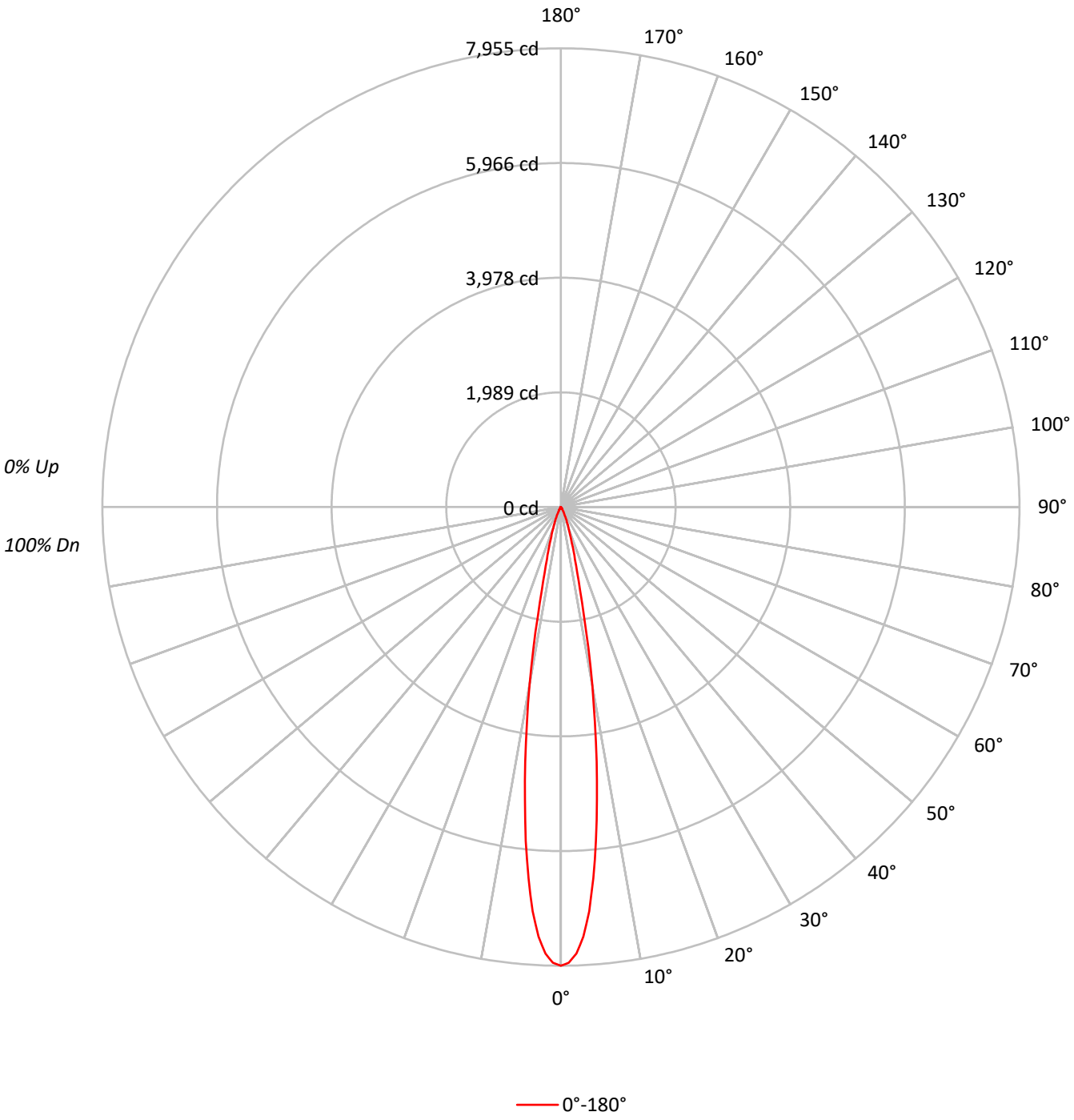
Luminous Intensity Polar Plot



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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	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	96
3	110	106	102	100	108	104	102	99	102	100	98	100	98	96	98	96	95	94
4	107	102	99	96	106	101	98	96	99	97	95	98	96	94	96	94	93	92
5	105	100	96	94	103	99	96	93	97	94	92	96	93	92	94	93	91	90
6	102	97	94	91	101	96	93	91	95	92	90	94	92	90	93	91	89	88
7	100	95	91	89	99	94	91	89	93	90	88	92	90	88	91	89	88	87
8	98	93	89	87	97	92	89	87	91	89	87	91	88	86	90	88	86	85
9	96	91	88	85	96	91	87	85	90	87	85	89	87	85	89	86	85	84
10	95	89	86	84	94	89	86	84	88	85	83	88	85	83	87	85	83	82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1744290
5°	1422360
10°	696580
15°	213213
20°	90285
25°	40841
30°	15927
35°	7335
40°	2290
45°	868
50°	341
55°	115
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 868 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	503.0	54.9
10°-20°	308.6	33.7
20°-30°	82.9	9.1
30°-40°	18.3	2.0
40°-50°	2.5	0.3
50°-60°	0.4	0.0
60°-70°	0.2	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°	894.5	97.7
0°-40°	912.8	99.7
0°-60°	915.7	100.0
0°-90°	915.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	915.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7955	
5°	6462	503
15°	939	309
25°	169	83
35°	27	18
45°	3	3
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	7954.6
1°	7905.0
2°	7745.6
3°	7458.3
4°	7025.9
5°	6461.8
6°	5823.8
7°	5113.1
8°	4460.1
9°	3767.9
10°	3128.4
11°	2495.6
12°	1920.1
13°	1476.9
14°	1169.1
15°	939.2
17.5°	582.1
20°	386.9
22.5°	260.5
25°	168.8
27.5°	100.0
30°	62.9
32.5°	42.4
35°	27.4
37.5°	15.3
40°	8.0
42.5°	4.5
45°	2.8
47.5°	1.7
50°	1.0
52.5°	0.7
55°	0.3
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.0
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

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)