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: P1261512

Luminaire Tested: P3AS02R359727DE010 E3DL1MW

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1261512
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS02R359727DE010 E3DL1MW
Description:	3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DL1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	213.9 lumens
Efficiency:	N/A
Efficacy:	59.4 lumens/watt
Spacing Criteria (0/90/45):	0.58 / 0.58 / 0.58
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	3.6
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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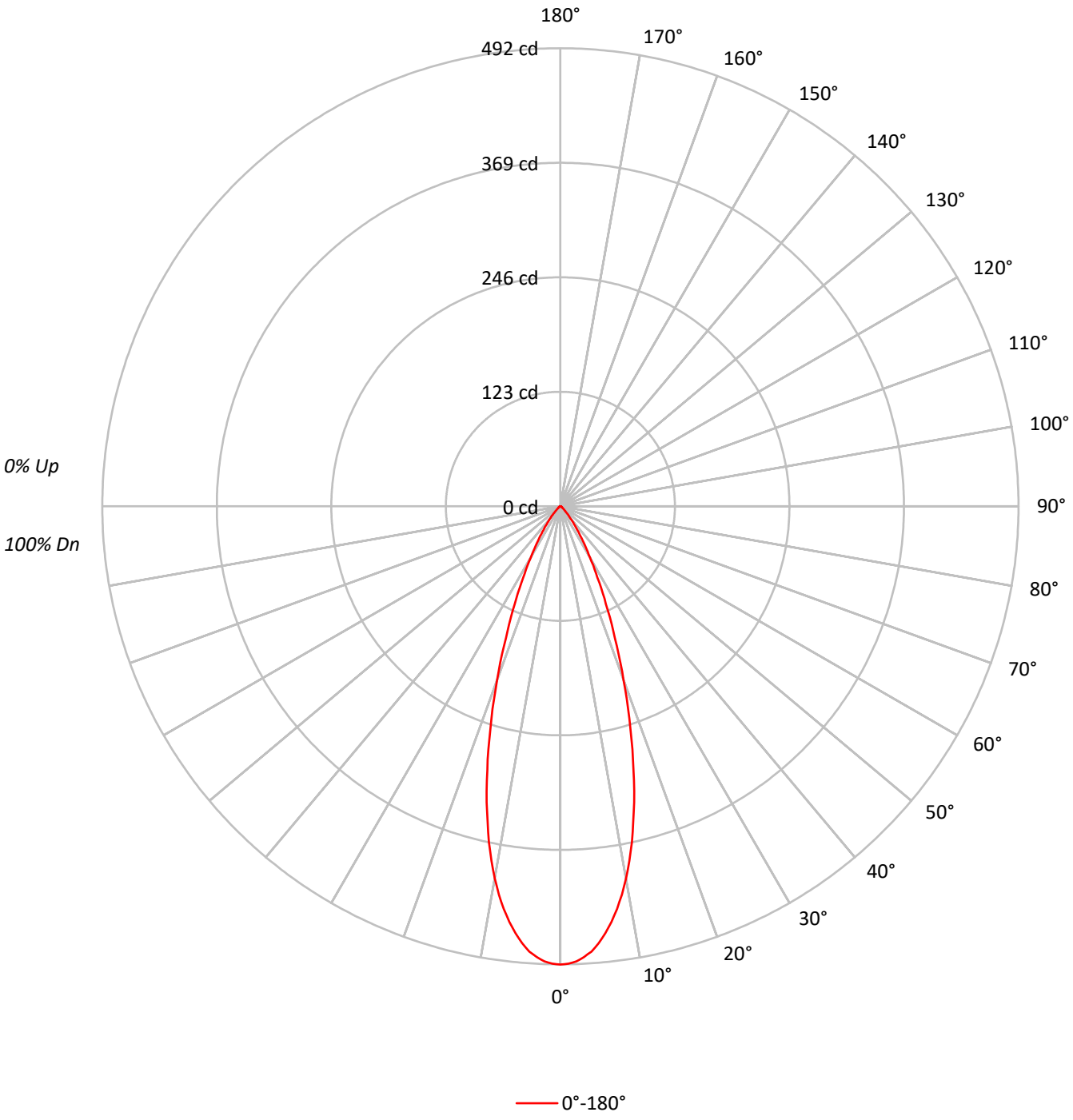
Luminous Intensity Polar Plot



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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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	77
6	92	85	80	76	91	84	79	76	83	78	75	81	78	75	80	77	74	73
7	89	81	76	72	88	80	75	72	79	75	72	78	74	71	77	73	71	70
8	85	77	72	69	84	77	72	69	76	71	68	75	71	68	74	70	68	67
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	107930
5°	103720
10°	90379
15°	69217
20°	46321
25°	28018
30°	16078
35°	8994
40°	4780
45°	2450
50°	1194
55°	918
60°	877
65°	726
70°	769
75°	678
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2450 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.9	20.0
10°-20°	83.1	38.8
20°-30°	54.4	25.4
30°-40°	22.1	10.3
40°-50°	6.6	3.1
50°-60°	2.2	1.0
60°-70°	1.5	0.7
70°-80°	0.9	0.4
80°-90°	0.3	0.1
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°	180.4	84.3
0°-40°	202.4	94.6
0°-60°	211.3	98.8
0°-90°	213.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	213.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	492	
5°	471	43
15°	305	83
25°	116	54
35°	34	22
45°	8	7
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	492.2
1°	491.4
2°	489.2
3°	484.7
4°	479.4
5°	471.2
6°	461.1
7°	449.7
8°	436.8
9°	422.2
10°	405.9
11°	387.8
12°	368.9
13°	347.7
14°	327.5
15°	304.9
17.5°	250.2
20°	198.5
22.5°	152.7
25°	115.8
27.5°	86.3
30°	63.5
32.5°	46.6
35°	33.6
37.5°	23.8
40°	16.7
42.5°	11.6
45°	7.9
47.5°	5.3
50°	3.5
52.5°	2.6
55°	2.4
57.5°	2.2
60°	2.0
62.5°	1.8
65°	1.4
67.5°	1.2
70°	1.2
72.5°	1.0
75°	0.8
77.5°	0.6
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)