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: P1267803

Luminaire Tested: P3AS17R309735DE010 E3PHLD1MW

Issue Date: 1/29/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1267803
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R309735DE010 E3PHLD1MW
Description:	3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	933.0 lumens
Efficiency:	N/A
Efficacy:	44.0 lumens/watt
Spacing Criteria (0/90/45):	0.65 / 0.65 / 0.74
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	21.2
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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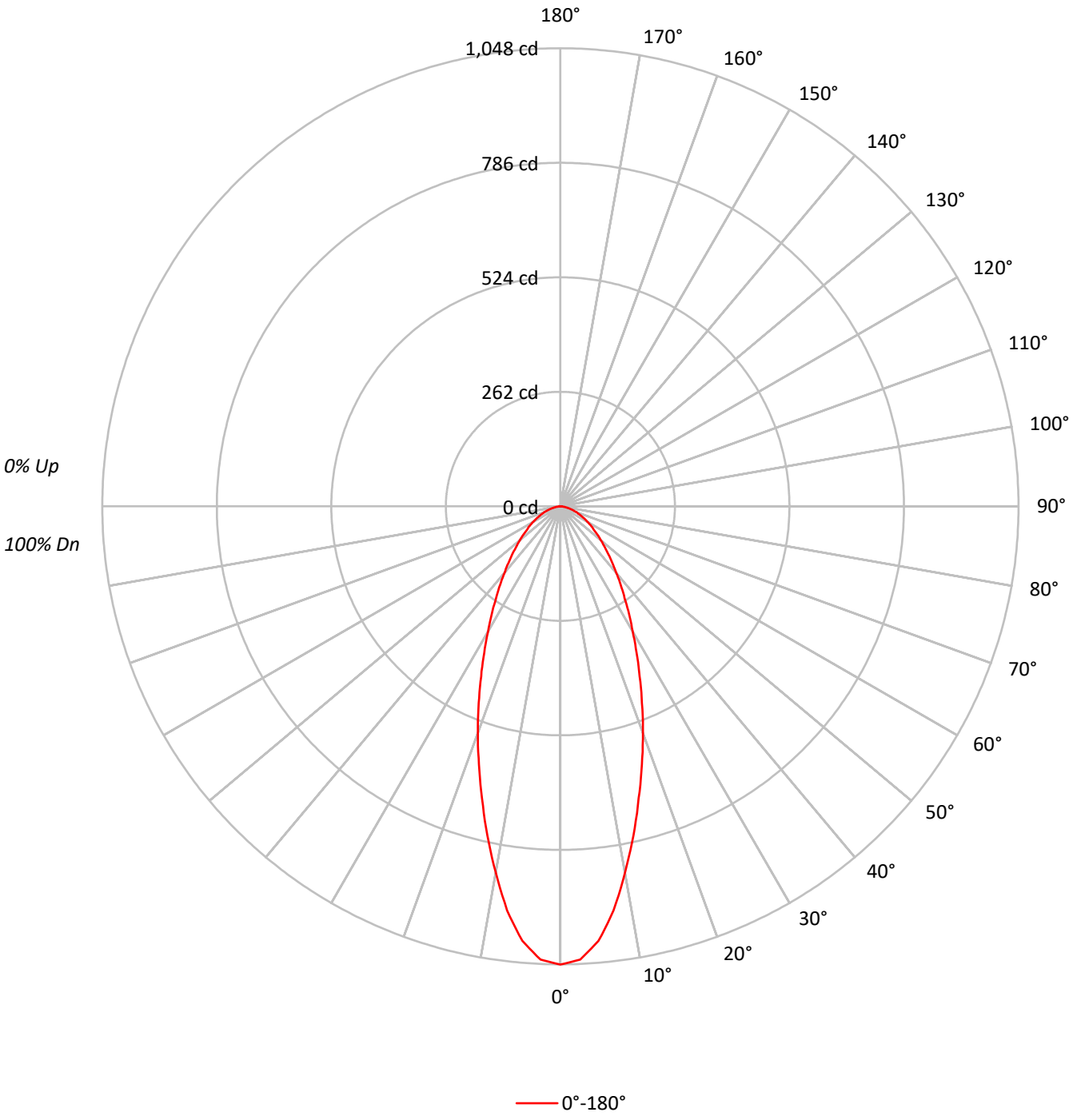
Luminous Intensity Polar Plot



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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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	229894
5°	219744
10°	189531
15°	157095
20°	128788
25°	103821
30°	83684
35°	68556
40°	56964
45°	48284
50°	41312
55°	35707
60°	31883
65°	27811
70°	24427
75°	20503
80°	15280
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 48284 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.5	9.7
10°-20°	193.0	20.7
20°-30°	197.8	21.2
30°-40°	161.7	17.3
40°-50°	120.9	13.0
50°-60°	84.9	9.1
60°-70°	53.5	5.7
70°-80°	25.7	2.8
80°-90°	4.9	0.5
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°	481.3	51.6
0°-40°	643.0	68.9
0°-60°	848.9	91.0
0°-90°	933.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	933.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1048	
5°	998	90
15°	692	193
25°	429	198
35°	256	162
45°	156	121
55°	93	85
65°	54	53
75°	24	26
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1048.4
2.5°	1038.1
5°	998.3
7.5°	932.5
10°	851.2
12.5°	771.6
15°	692.0
17.5°	619.4
20°	551.9
22.5°	487.9
25°	429.1
27.5°	377.2
30°	330.5
32.5°	292.4
35°	256.1
37.5°	226.6
40°	199.0
42.5°	176.5
45°	155.7
47.5°	136.7
50°	121.1
52.5°	107.3
55°	93.4
57.5°	83.0
60°	72.7
62.5°	62.3
65°	53.6
67.5°	45.0
70°	38.1
72.5°	31.1
75°	24.2
77.5°	17.3
80°	12.1
82.5°	6.9
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)