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: P1270169

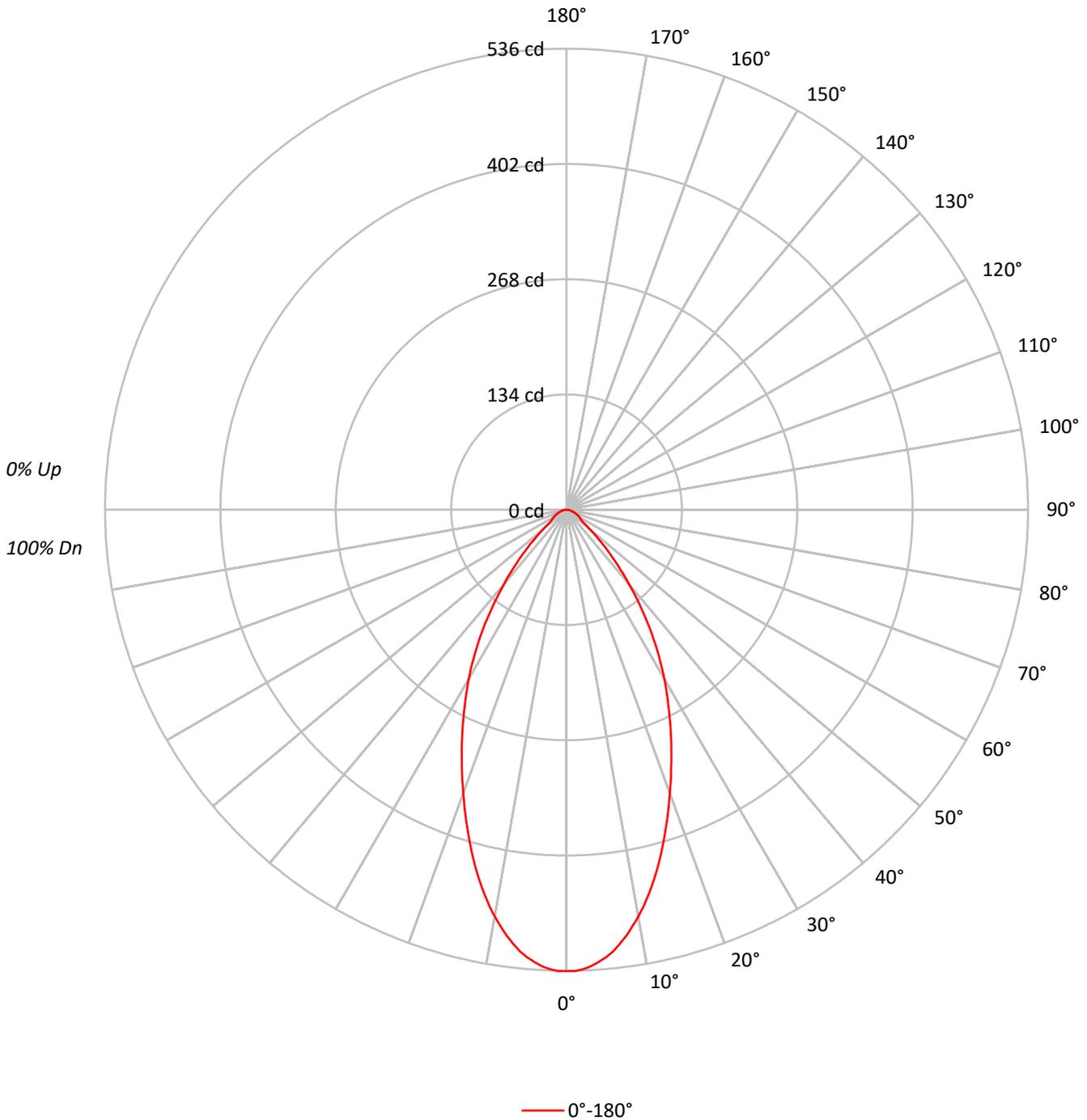Luminaire Tested: P3AS17R309740DE010 E3DLD1GPH

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1270169
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R309740DE010 E3DLD1GPH
Description:	3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	498.0 lumens
Efficiency:	N/A
Efficacy:	23.5 lumens/watt
Spacing Criteria (0/90/45):	0.78 / 0.78 / 0.85
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

0% Up

100% Dn

0°-180°

COOPER
Lighting Solutions

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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	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	117644
5°	115012
10°	106945
15°	95165
20°	81860
25°	69343
30°	57553
35°	45160
40°	32375
45°	21212
50°	12076
55°	7952
60°	7499
65°	6953
70°	6283
75°	5676
80°	5430
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 21212 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.5	9.7
10°-20°	116.5	23.4
20°-30°	131.3	26.4
30°-40°	104.9	21.1
40°-50°	53.9	10.8
50°-60°	20.3	4.1
60°-70°	13.3	2.7
70°-80°	7.2	1.4
80°-90°	2.1	0.4
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°	296.4	59.5
0°-40°	401.3	80.6
0°-60°	475.4	95.5
0°-90°	498.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	498.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	536	
5°	522	49
15°	419	117
25°	287	131
35°	169	105
45°	68	54
55°	21	20
65°	13	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	536.5
1°	536.5
2°	534.7
3°	531.7
4°	527.4
5°	522.5
6°	516.4
7°	508.4
8°	499.9
9°	490.1
10°	480.3
11°	469.3
12°	457.7
13°	445.5
14°	432.7
15°	419.2
17.5°	385.0
20°	350.8
22.5°	317.8
25°	286.6
27.5°	256.0
30°	227.3
32.5°	198.0
35°	168.7
37.5°	139.9
40°	113.1
42.5°	89.2
45°	68.4
47.5°	50.7
50°	35.4
52.5°	25.1
55°	20.8
57.5°	18.9
60°	17.1
62.5°	15.3
65°	13.4
67.5°	11.6
70°	9.8
72.5°	7.9
75°	6.7
77.5°	5.5
80°	4.3
82.5°	3.1
85°	1.8
87.5°	0.6

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)