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: P1296870

Luminaire Tested: P3AS13R35W2N902765DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1296870
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS13R35W2N902765DE010 E3DLD1GPH_4000K
Description:	3in Adjustable Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	308.0 lumens
Efficiency:	N/A
Efficacy:	25.0 lumens/watt
Spacing Criteria (0/90/45):	0.8 / 0.8 / 0.87
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	12.3
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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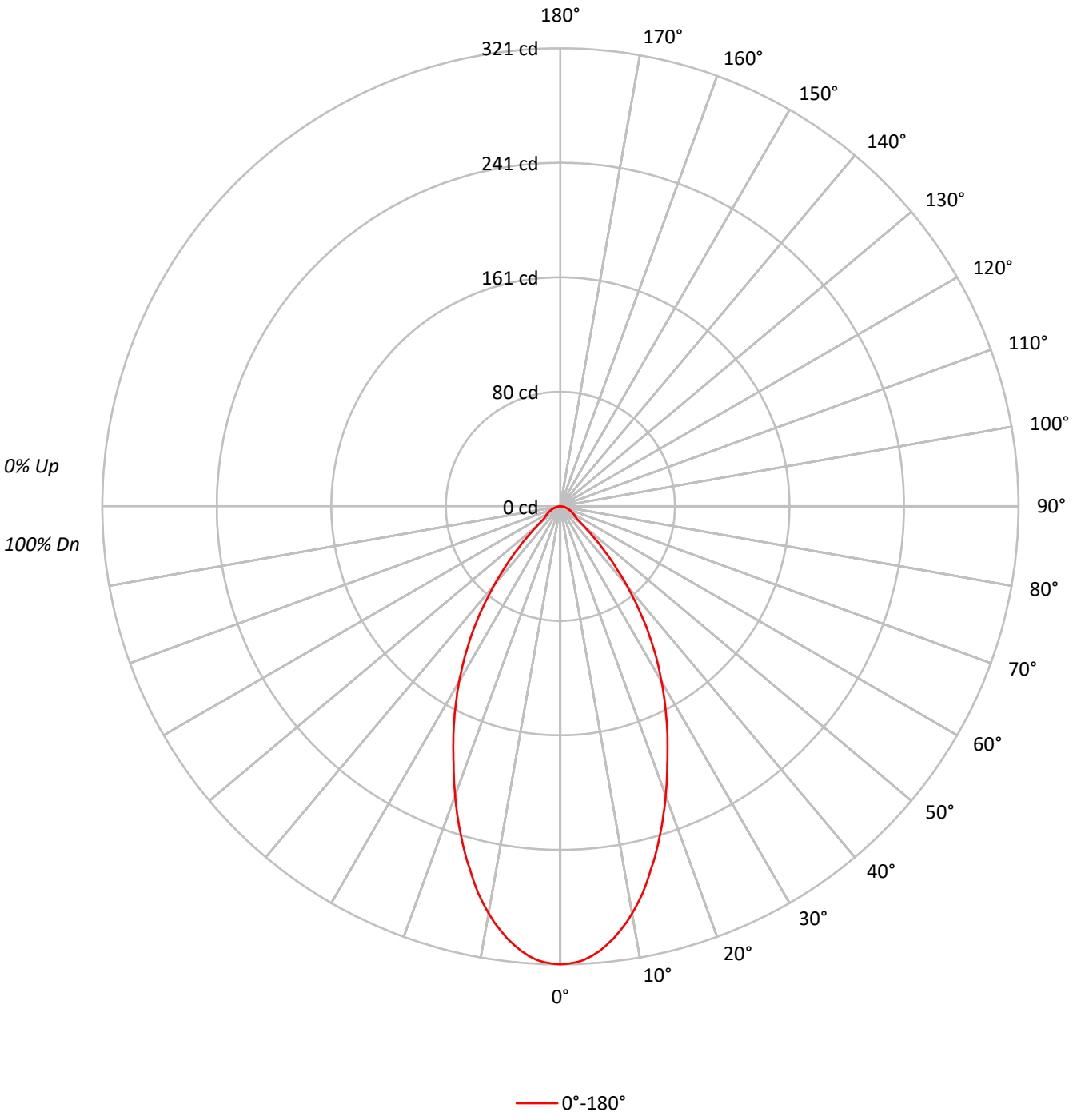
Luminous Intensity Polar Plot



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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	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	70367
5°	68875
10°	64483
15°	57889
20°	50358
25°	42922
30°	35955
35°	28643
40°	20696
45°	13087
50°	7130
55°	4932
60°	4693
65°	4358
70°	4167
75°	3558
80°	3410
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 13087 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.1	9.5
10°-20°	71.0	23.0
20°-30°	81.3	26.4
30°-40°	66.4	21.6
40°-50°	33.4	10.9
50°-60°	12.4	4.0
60°-70°	8.3	2.7
70°-80°	4.6	1.5
80°-90°	1.4	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°	181.4	58.9
0°-40°	247.8	80.5
0°-60°	293.6	95.3
0°-90°	308.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	308.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	321	
5°	313	29
15°	255	71
25°	177	81
35°	107	66
45°	42	33
55°	13	12
65°	8	8
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	320.9
1°	320.5
2°	319.7
3°	318.2
4°	315.9
5°	312.9
6°	309.1
7°	305.2
8°	300.3
9°	295.4
10°	289.6
11°	283.6
12°	277.1
13°	269.8
14°	262.2
15°	255.0
17.5°	235.6
20°	215.8
22.5°	195.6
25°	177.4
27.5°	159.5
30°	142.0
32.5°	124.5
35°	107.0
37.5°	89.4
40°	72.3
42.5°	56.3
45°	42.2
47.5°	30.4
50°	20.9
52.5°	15.2
55°	12.9
57.5°	11.8
60°	10.7
62.5°	9.5
65°	8.4
67.5°	7.2
70°	6.5
72.5°	5.3
75°	4.2
77.5°	3.4
80°	2.7
82.5°	1.9
85°	1.1
87.5°	0.8

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)