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: P1296565

Luminaire Tested: P3AS13R30W2N902765DE010 E3DLD1H_2700K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1296565
	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:	P3AS13R30W2N902765DE010 E3DLD1H_2700K
Description:	3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLD1H TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	565.0 lumens
Efficiency:	N/A
Efficacy:	45.9 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):	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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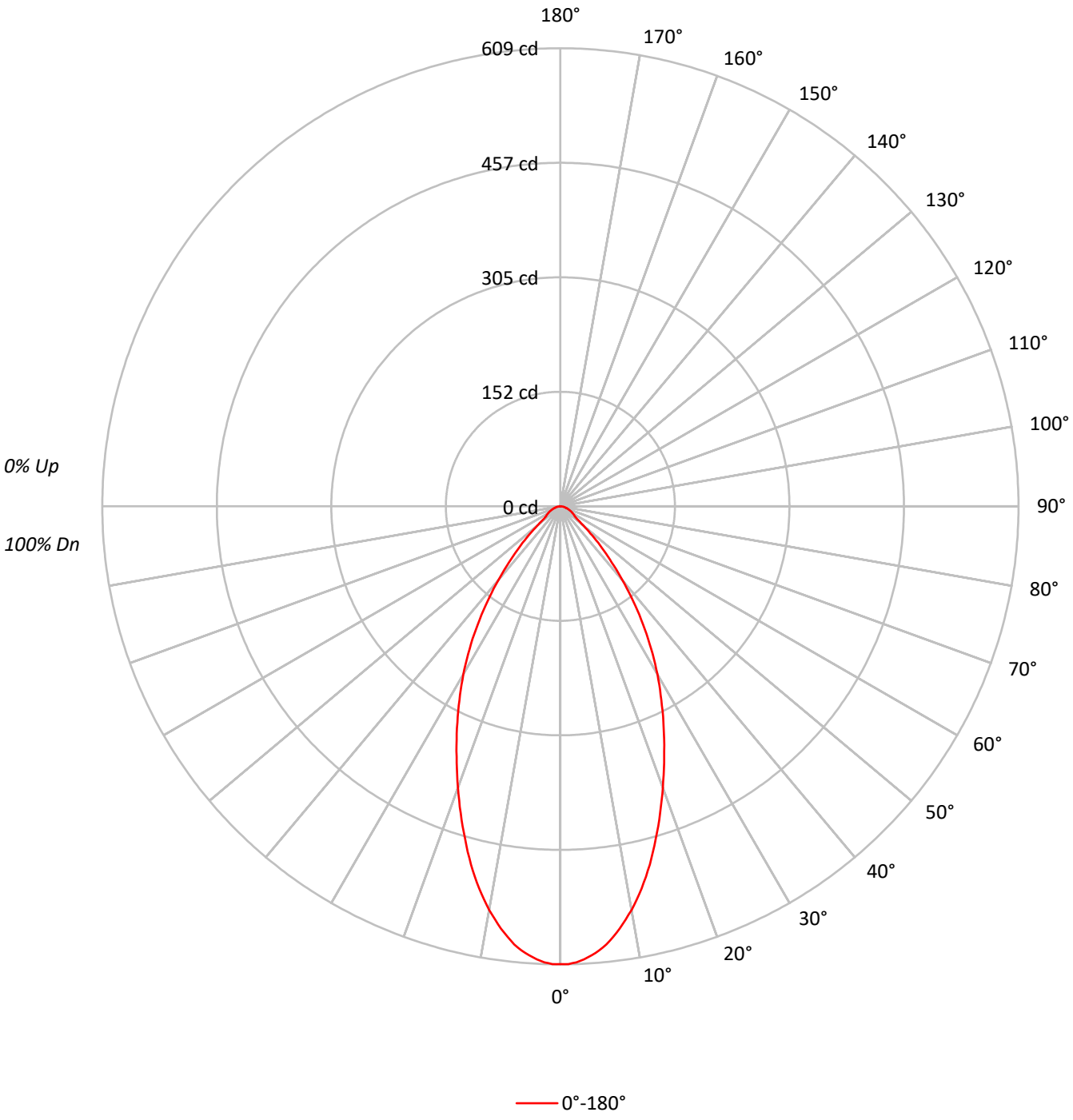
Luminous Intensity Polar Plot



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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	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°	133476
5°	130486
10°	121329
15°	107969
20°	92875
25°	78682
30°	65301
35°	51236
40°	36726
45°	24096
50°	13714
55°	9022
60°	8508
65°	7939
70°	7117
75°	6439
80°	6188
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 24096 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.0	9.7
10°-20°	132.2	23.4
20°-30°	149.0	26.4
30°-40°	119.0	21.1
40°-50°	61.2	10.8
50°-60°	23.0	4.1
60°-70°	15.1	2.7
70°-80°	8.1	1.4
80°-90°	2.4	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°	336.3	59.5
0°-40°	455.3	80.6
0°-60°	539.4	95.5
0°-90°	565.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	565.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	609	
5°	593	55
15°	476	132
25°	325	149
35°	191	119
45°	78	61
55°	24	23
65°	15	15
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	608.7
1°	608.7
2°	606.6
3°	603.2
4°	598.3
5°	592.8
6°	585.8
7°	576.8
8°	567.1
9°	556.0
10°	544.9
11°	532.5
12°	519.3
13°	505.4
14°	490.9
15°	475.6
17.5°	436.8
20°	398.0
22.5°	360.5
25°	325.2
27.5°	290.5
30°	257.9
32.5°	224.6
35°	191.4
37.5°	158.8
40°	128.3
42.5°	101.2
45°	77.7
47.5°	57.5
50°	40.2
52.5°	28.4
55°	23.6
57.5°	21.5
60°	19.4
62.5°	17.3
65°	15.3
67.5°	13.2
70°	11.1
72.5°	9.0
75°	7.6
77.5°	6.2
80°	4.9
82.5°	3.5
85°	2.1
87.5°	0.7

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)