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: P1269882

Luminaire Tested: P3AS13R409740DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1269882
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS13R409740DE010 E3DL1WH
Description:	3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	692.0 lumens
Efficiency:	N/A
Efficacy:	47.4 lumens/watt
Spacing Criteria (0/90/45):	0.73 / 0.73 / 0.74
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct
Input Watts (W):	14.6
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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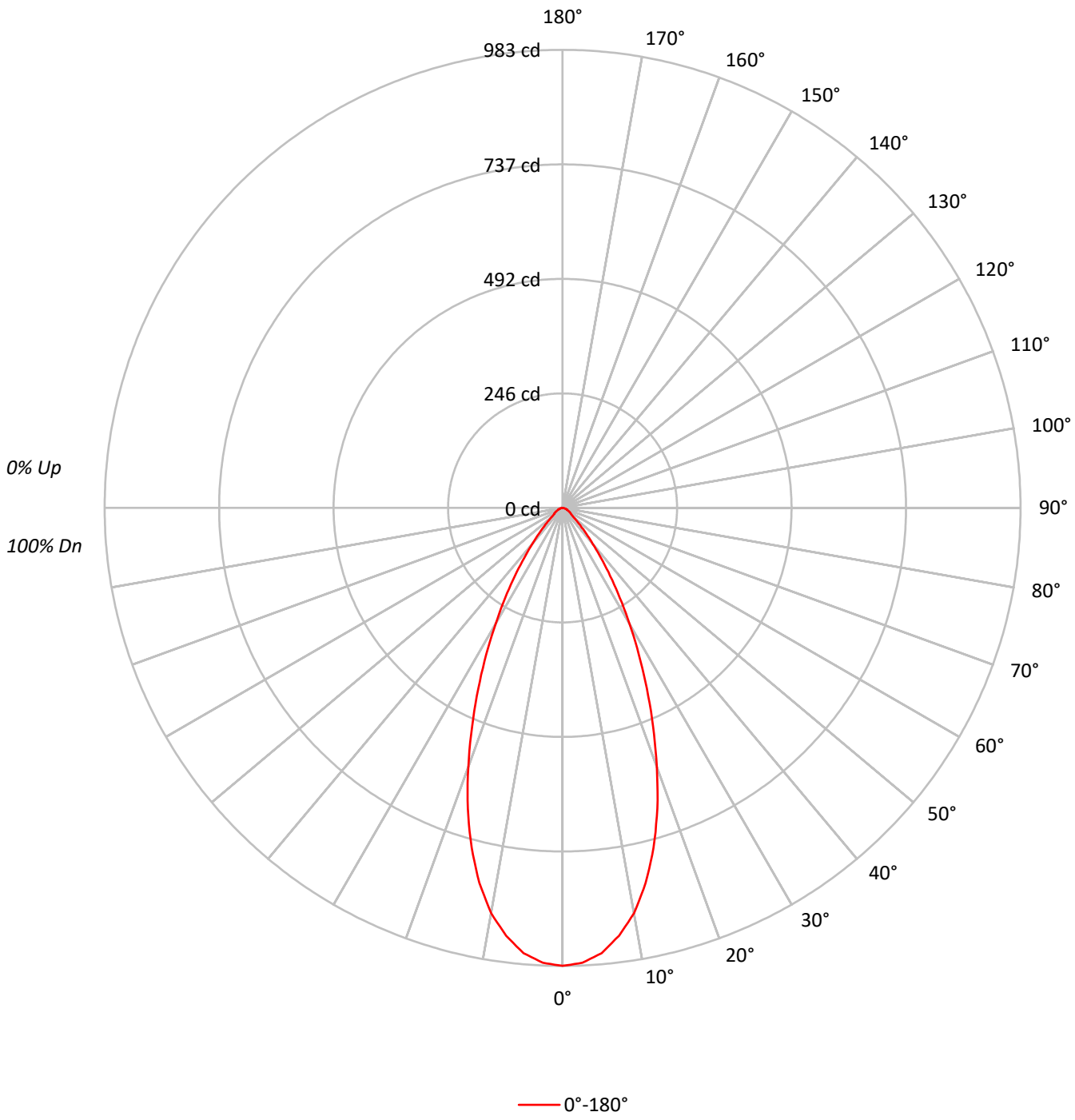
Luminous Intensity Polar Plot



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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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93
2	107	102	98	95	105	101	97	93	97	94	91	94	92	89	92	89	88	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	62	61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	215465
5°	211115
10°	196567
15°	171306
20°	138075
25°	103482
30°	72745
35°	47676
40°	28854
45°	17242
50°	10268
55°	8296
60°	7456
65°	6330
70°	6027
75°	4829
80°	4799
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 17242 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.1	12.9
10°-20°	207.9	30.0
20°-30°	195.9	28.3
30°-40°	113.3	16.4
40°-50°	45.1	6.5
50°-60°	20.0	2.9
60°-70°	12.3	1.8
70°-80°	6.5	0.9
80°-90°	2.0	0.3
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°	492.8	71.2
0°-40°	606.0	87.6
0°-60°	671.1	97.0
0°-90°	692.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	692.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	983	
5°	959	89
15°	755	208
25°	428	196
35°	178	113
45°	56	45
55°	22	20
65°	12	12
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	982.6
2.5°	977.0
5°	959.1
7.5°	926.1
10°	882.8
12.5°	824.4
15°	754.6
17.5°	676.4
20°	591.7
22.5°	506.9
25°	427.7
27.5°	354.2
30°	287.3
32.5°	228.9
35°	178.1
37.5°	134.7
40°	100.8
42.5°	75.4
45°	55.6
47.5°	40.5
50°	30.1
52.5°	24.5
55°	21.7
57.5°	19.8
60°	17.0
62.5°	14.1
65°	12.2
67.5°	10.4
70°	9.4
72.5°	7.5
75°	5.7
77.5°	4.7
80°	3.8
82.5°	2.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)