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: P1269010

Luminaire Tested: P3AS05R259740DE010 E3DLP1H

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1269010
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS05R259740DE010 E3DLP1H
Description:	3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DLP1H TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	311.0 lumens
Efficiency:	N/A
Efficacy:	43.2 lumens/watt
Spacing Criteria (0/90/45):	0.62 / 0.62 / 0.68
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	7.2
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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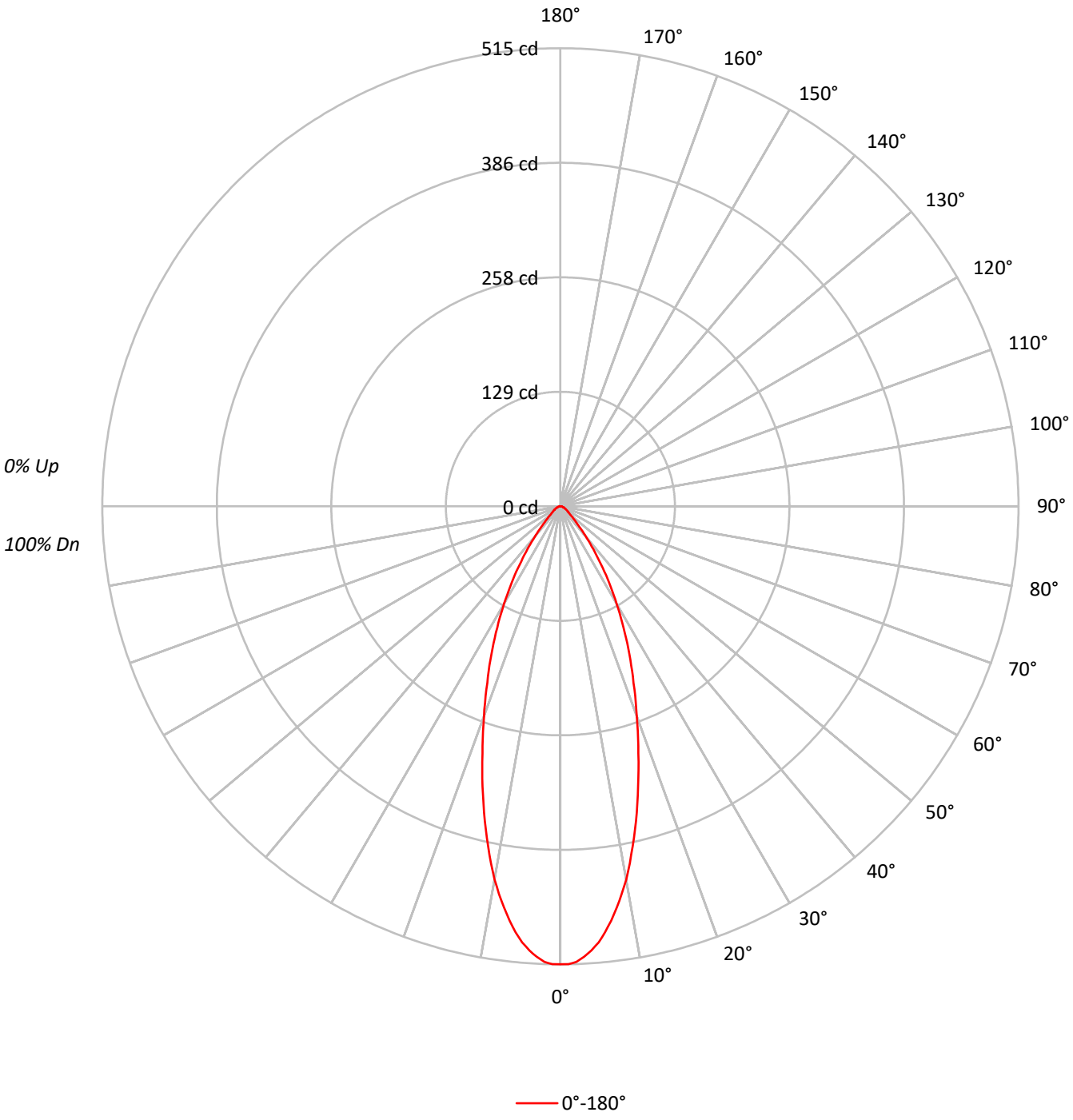
Luminous Intensity Polar Plot



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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	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	59	56	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112908
5°	108320
10°	94899
15°	76277
20°	58618
25°	44349
30°	32030
35°	21282
40°	12910
45°	7505
50°	4810
55°	3900
60°	3421
65°	3009
70°	2500
75°	2457
80°	1894
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7505 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.8	14.4
10°-20°	92.9	29.9
20°-30°	84.0	27.0
30°-40°	50.5	16.2
40°-50°	20.0	6.4
50°-60°	9.2	3.0
60°-70°	5.6	1.8
70°-80°	3.0	1.0
80°-90°	0.9	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°	221.7	71.3
0°-40°	272.2	87.5
0°-60°	301.5	96.9
0°-90°	311.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	311.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	515	
5°	492	45
15°	336	93
25°	183	84
35°	80	50
45°	24	20
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	514.9
1°	514.9
2°	512.5
3°	507.2
4°	500.4
5°	492.1
6°	481.5
7°	469.3
8°	455.3
9°	441.2
10°	426.2
11°	408.7
12°	390.8
13°	372.9
14°	354.9
15°	336.0
17.5°	291.4
20°	251.2
22.5°	214.8
25°	183.3
27.5°	153.7
30°	126.5
32.5°	101.8
35°	79.5
37.5°	60.6
40°	45.1
42.5°	33.0
45°	24.2
47.5°	18.4
50°	14.1
52.5°	11.6
55°	10.2
57.5°	8.7
60°	7.8
62.5°	6.3
65°	5.8
67.5°	4.8
70°	3.9
72.5°	3.4
75°	2.9
77.5°	2.4
80°	1.5
82.5°	1.0
85°	1.0
87.5°	0.5

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)