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: P1273343

Luminaire Tested: P3AS05R309830DE010 E3DLP1MW

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1273343
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS05R309830DE010 E3DLP1MW
Description:	3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	239.0 lumens
Efficiency:	N/A
Efficacy:	33.2 lumens/watt
Spacing Criteria (0/90/45):	0.66 / 0.66 / 0.7
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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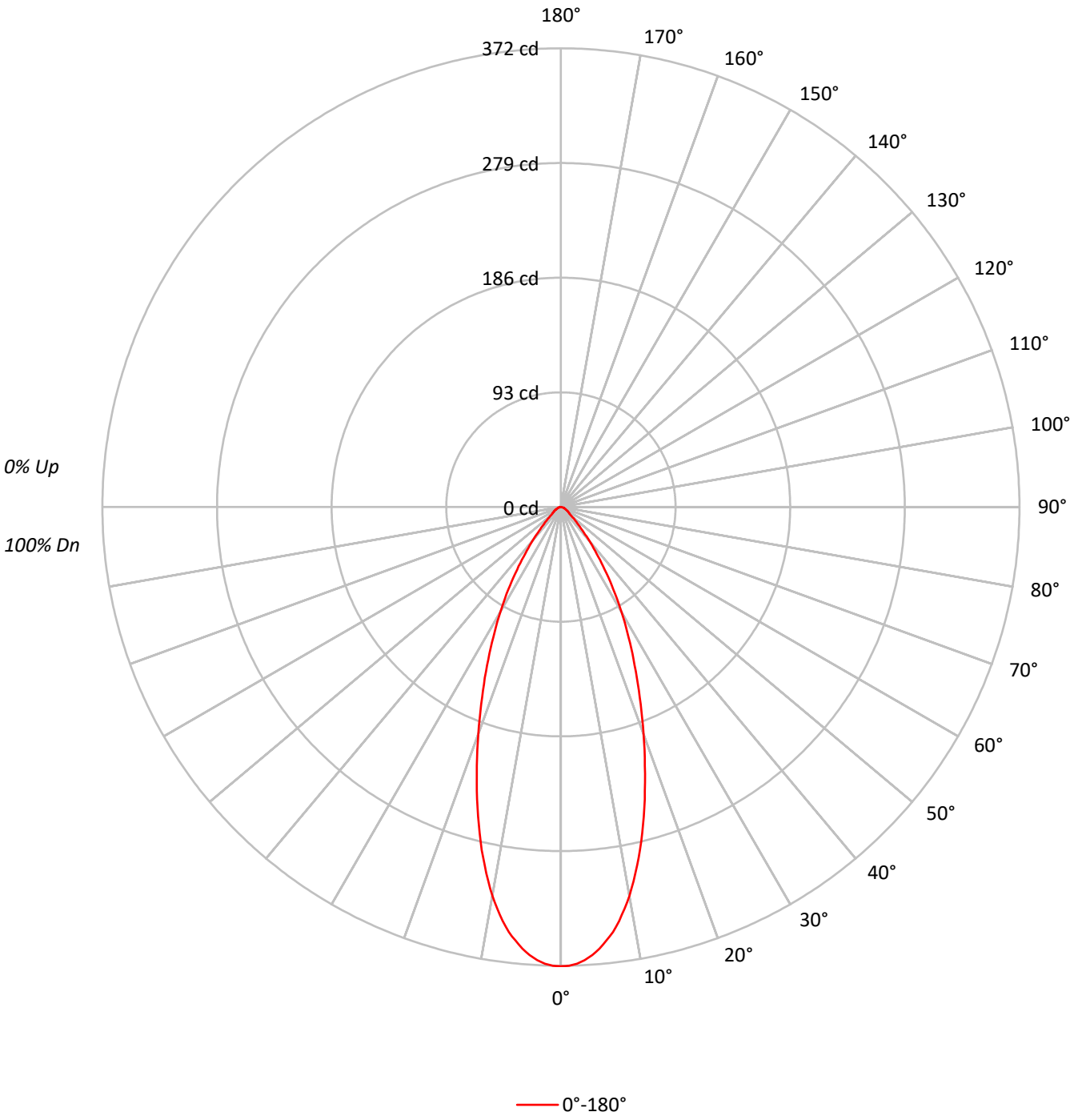
Luminous Intensity Polar Plot



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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	100	100	99	97	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	85	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	74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81660
5°	79133
10°	71297
15°	58979
20°	45667
25°	34260
30°	24865
35°	16570
40°	10191
45°	5985
50°	3650
55°	2982
60°	2588
65°	2127
70°	1923
75°	1864
80°	1389
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5985 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.1	13.8
10°-20°	71.6	29.9
20°-30°	65.1	27.2
30°-40°	39.4	16.5
40°-50°	15.8	6.6
50°-60°	7.0	2.9
60°-70°	4.2	1.8
70°-80°	2.3	1.0
80°-90°	0.6	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°	169.7	71.0
0°-40°	209.1	87.5
0°-60°	231.8	97.0
0°-90°	239.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	239.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	372	
5°	360	33
15°	260	72
25°	142	65
35°	62	39
45°	19	16
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	372.4
1°	372.1
2°	370.6
3°	368.0
4°	364.3
5°	359.5
6°	353.5
7°	347.2
8°	339.1
9°	329.8
10°	320.2
11°	309.1
12°	297.2
13°	285.4
14°	272.4
15°	259.8
17.5°	226.8
20°	195.7
22.5°	166.8
25°	141.6
27.5°	118.6
30°	98.2
32.5°	79.3
35°	61.9
37.5°	47.4
40°	35.6
42.5°	25.9
45°	19.3
47.5°	14.5
50°	10.7
52.5°	8.5
55°	7.8
57.5°	6.7
60°	5.9
62.5°	4.8
65°	4.1
67.5°	3.7
70°	3.0
72.5°	2.6
75°	2.2
77.5°	1.9
80°	1.1
82.5°	0.7
85°	0.7
87.5°	0.4

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)