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: P1255750

Luminaire Tested: P3A24R309035D010 E3DLP1WMH

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1255750
	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:	P3A24R309035D010 E3DLP1WMH
Description:	3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1316.0 lumens
Efficiency:	N/A
Efficacy:	45.7 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):	28.8
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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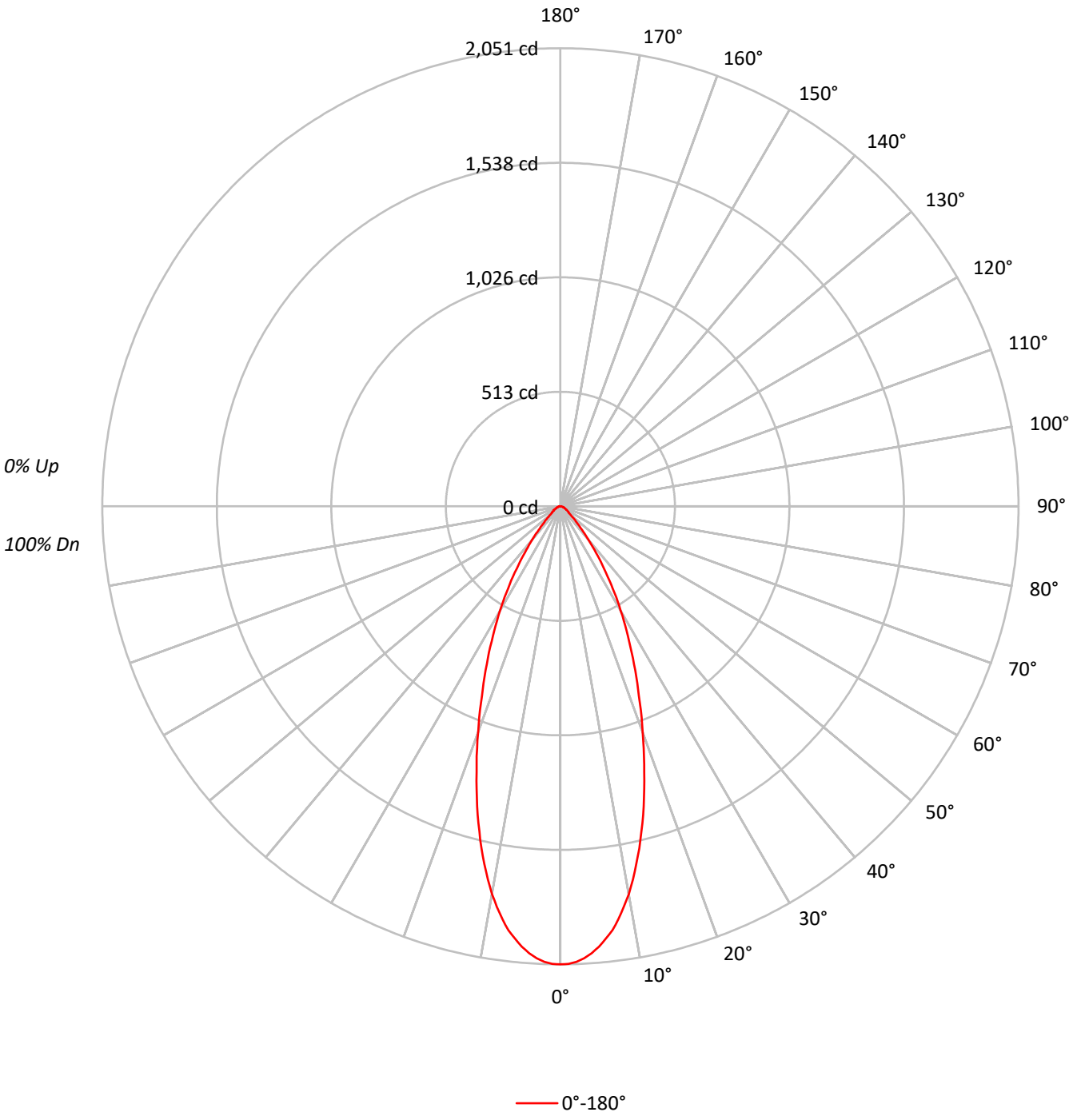
Luminous Intensity Polar Plot



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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°	449701
5°	435702
10°	392578
15°	324746
20°	251415
25°	188600
30°	136932
35°	91230
40°	56076
45°	32903
50°	20195
55°	16401
60°	14297
65°	11623
70°	10450
75°	10336
80°	7703
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 32903 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.1	13.8
10°-20°	394.0	29.9
20°-30°	358.4	27.2
30°-40°	216.7	16.5
40°-50°	86.9	6.6
50°-60°	38.5	2.9
60°-70°	23.2	1.8
70°-80°	12.6	1.0
80°-90°	3.6	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°	934.5	71.0
0°-40°	1151.2	87.5
0°-60°	1276.5	97.0
0°-90°	1316.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1316.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2051	
5°	1979	182
15°	1430	394
25°	780	358
35°	341	217
45°	106	87
55°	43	38
65°	22	23
75°	12	13
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2050.8
1°	2048.8
2°	2040.6
3°	2026.3
4°	2005.9
5°	1979.4
6°	1946.7
7°	1912.0
8°	1867.2
9°	1816.1
10°	1763.1
11°	1701.9
12°	1636.6
13°	1571.3
14°	1499.8
15°	1430.5
17.5°	1248.8
20°	1077.4
22.5°	918.3
25°	779.5
27.5°	653.0
30°	540.8
32.5°	436.7
35°	340.8
37.5°	261.2
40°	195.9
42.5°	142.8
45°	106.1
47.5°	79.6
50°	59.2
52.5°	46.9
55°	42.9
57.5°	36.7
60°	32.6
62.5°	26.5
65°	22.4
67.5°	20.4
70°	16.3
72.5°	14.3
75°	12.2
77.5°	10.2
80°	6.1
82.5°	4.1
85°	4.1
87.5°	2.0

TEST NUMBER: P1255750
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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)