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: P1246597

Luminaire Tested: P3AS09R509024DE010 E3DL1WMH

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1246597
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS09R509024DE010 E3DL1WMH
Description:	3in Adjustable LED luminaire with, R50 optic, 2400K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	726.0 lumens
Efficiency:	N/A
Efficacy:	65.4 lumens/watt
Spacing Criteria (0/90/45):	0.77 / 0.77 / 0.75
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	11.1
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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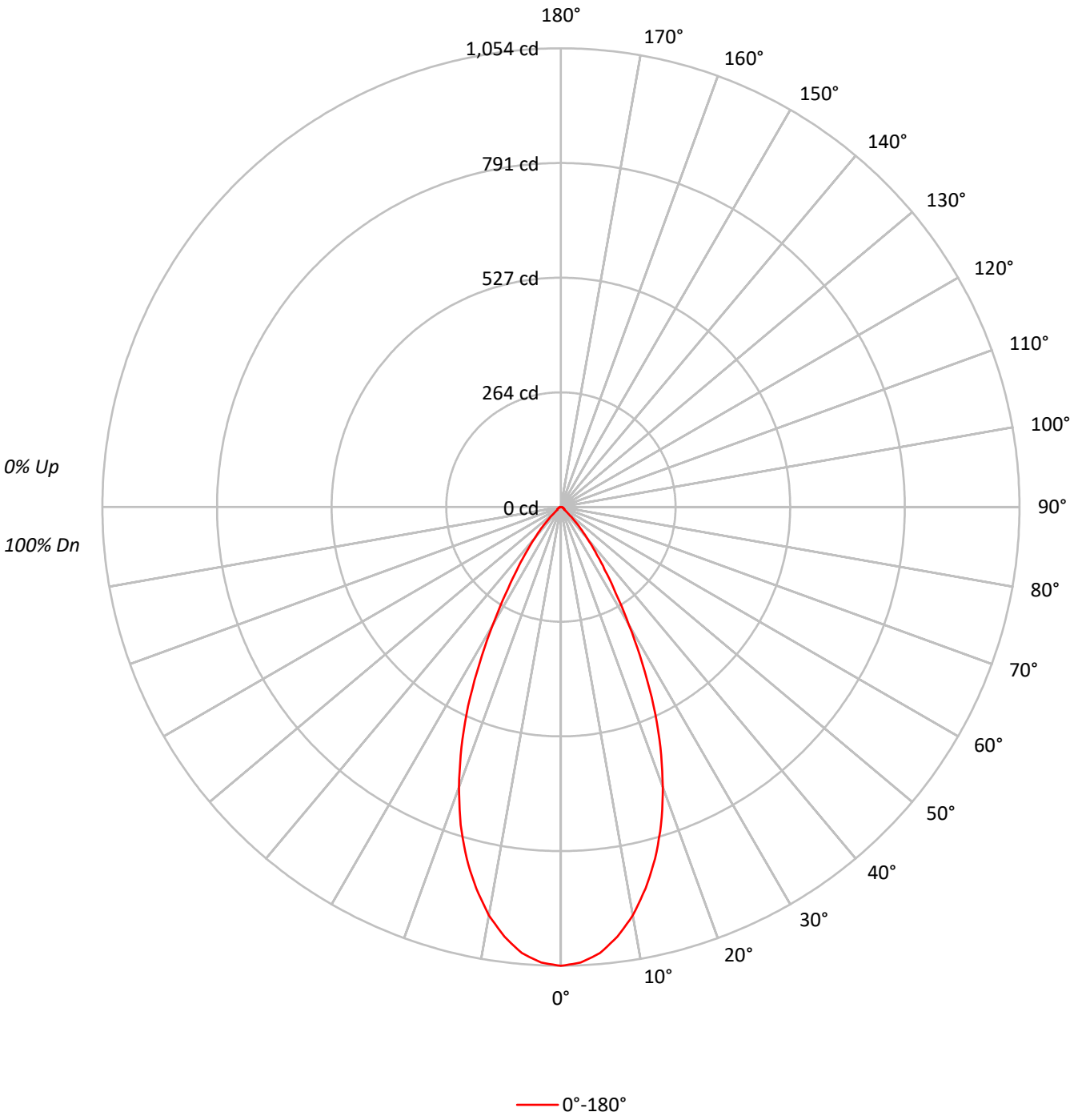
Luminous Intensity Polar Plot



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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	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	80	78	76
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	75	72	69	67
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60
9	78	68	63	59	76	68	62	59	67	62	59	66	62	58	65	61	58	57
10	74	65	59	56	73	65	59	56	64	59	55	63	58	55	62	58	55	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	231144
5°	226480
10°	212154
15°	189922
20°	159824
25°	121967
30°	79278
35°	47007
40°	27165
45°	13614
50°	5049
55°	3938
60°	3684
65°	3373
70°	3334
75°	3304
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 13614 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.7	13.2
10°-20°	231.4	31.9
20°-30°	227.0	31.3
30°-40°	114.3	15.8
40°-50°	36.1	5.0
50°-60°	9.4	1.3
60°-70°	6.6	0.9
70°-80°	4.1	0.6
80°-90°	1.4	0.2
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°	554.0	76.3
0°-40°	668.4	92.1
0°-60°	713.9	98.3
0°-90°	726.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	726.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1054	
5°	1029	96
15°	837	231
25°	504	227
35°	176	114
45°	44	36
55°	10	9
65°	6	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1054.1
2.5°	1047.7
5°	1028.9
7.5°	995.4
10°	952.8
12.5°	897.9
15°	836.6
17.5°	765.6
20°	684.9
22.5°	597.7
25°	504.1
27.5°	404.7
30°	313.1
32.5°	235.6
35°	175.6
37.5°	129.7
40°	94.9
42.5°	67.1
45°	43.9
47.5°	25.2
50°	14.8
52.5°	11.0
55°	10.3
57.5°	9.0
60°	8.4
62.5°	7.7
65°	6.5
67.5°	5.8
70°	5.2
72.5°	4.5
75°	3.9
77.5°	3.2
80°	2.6
82.5°	1.9
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)