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: P1292320

Luminaire Tested: P3A09R25W2N902765DE010 E3CB1MMS_5000K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1292320
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A09R25W2N902765DE010 E3CB1MMS_5000K
Description:	3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3CB1MMS TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	749.1 lumens
Efficiency:	N/A
Efficacy:	83.2 lumens/watt
Spacing Criteria (0/90/45):	0.45 / 0.45 / 0.41
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	9
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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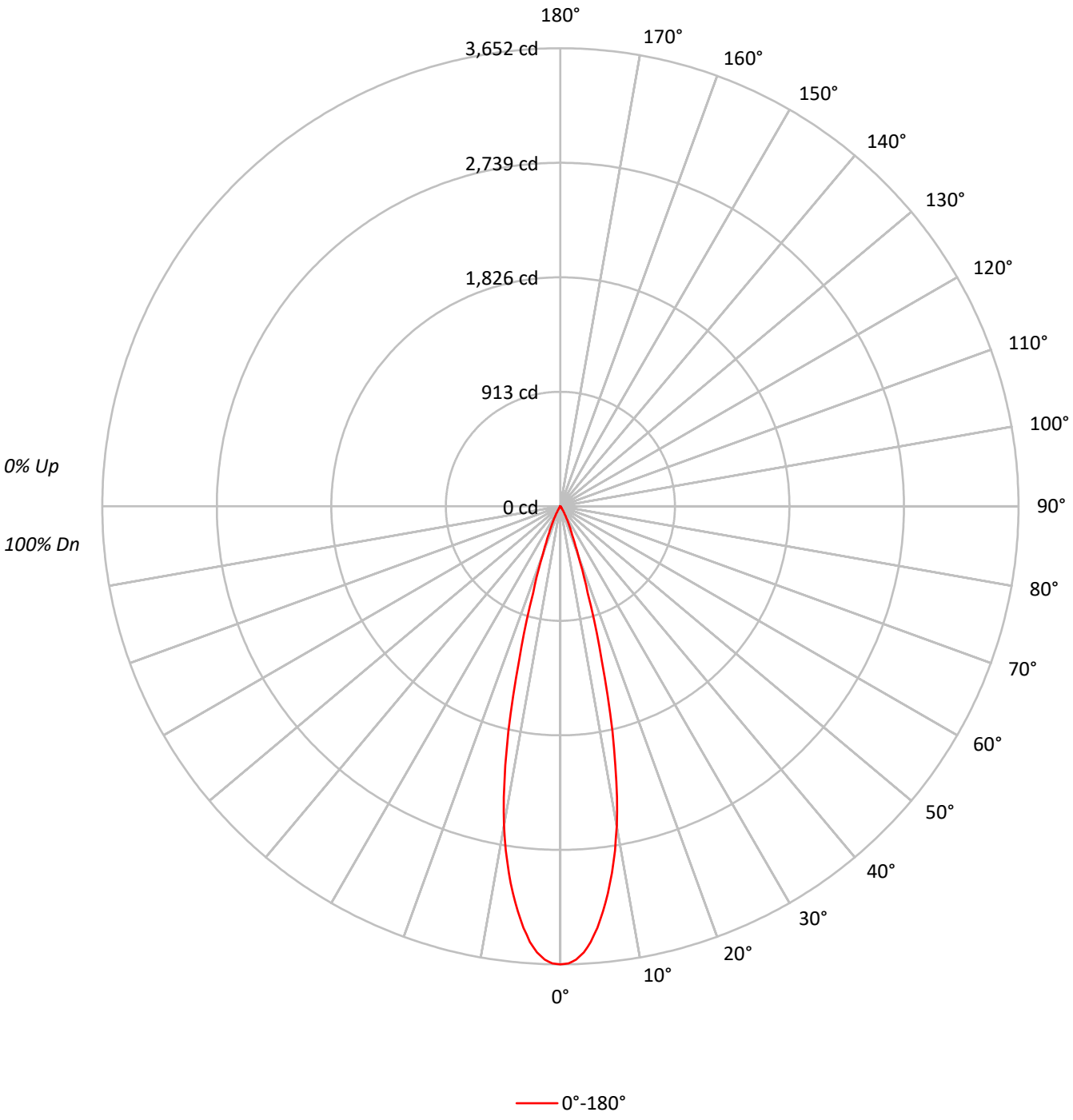
Luminous Intensity Polar Plot



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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	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	85
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	83
8	95	89	85	83	94	89	85	82	88	84	82	87	84	82	86	83	81	81
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	82	80	79
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	800791
5°	742701
10°	575986
15°	288810
20°	94882
25°	37720
30°	14154
35°	4096
40°	1861
45°	744
50°	614
55°	459
60°	526
65°	623
70°	385
75°	508
80°	758
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 80°
Luminance: 758 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	296.8	39.6
10°-20°	354.1	47.3
20°-30°	79.8	10.7
30°-40°	12.9	1.7
40°-50°	2.4	0.3
50°-60°	1.3	0.2
60°-70°	1.1	0.1
70°-80°	0.6	0.1
80°-90°	0.1	0.0
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°	730.7	97.5
0°-40°	743.6	99.3
0°-60°	747.2	99.8
0°-90°	749.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	749.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3652	
5°	3374	297
15°	1272	354
25°	156	80
35°	15	13
45°	2	2
55°	1	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	3651.9
1°	3646.0
2°	3616.6
3°	3562.4
4°	3480.7
5°	3374.1
6°	3247.0
7°	3109.3
8°	2951.6
9°	2779.2
10°	2586.8
11°	2365.0
12°	2109.6
13°	1842.4
14°	1555.8
15°	1272.2
17.5°	725.0
20°	406.6
22.5°	245.4
25°	155.9
27.5°	95.9
30°	55.9
32.5°	29.4
35°	15.3
37.5°	10.0
40°	6.5
42.5°	4.1
45°	2.4
47.5°	1.8
50°	1.8
52.5°	1.8
55°	1.2
57.5°	1.2
60°	1.2
62.5°	1.2
65°	1.2
67.5°	1.2
70°	0.6
72.5°	0.6
75°	0.6
77.5°	0.6
80°	0.6
82.5°	0.0
85°	0.0
87.5°	0.0

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)