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: P1292175

Luminaire Tested: P3A09R25W2N902750DE010 E3CD1MW_2700K

Issue Date: 1/30/2026

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1121 Highway 74 South   Scaled Data Report
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Test Information

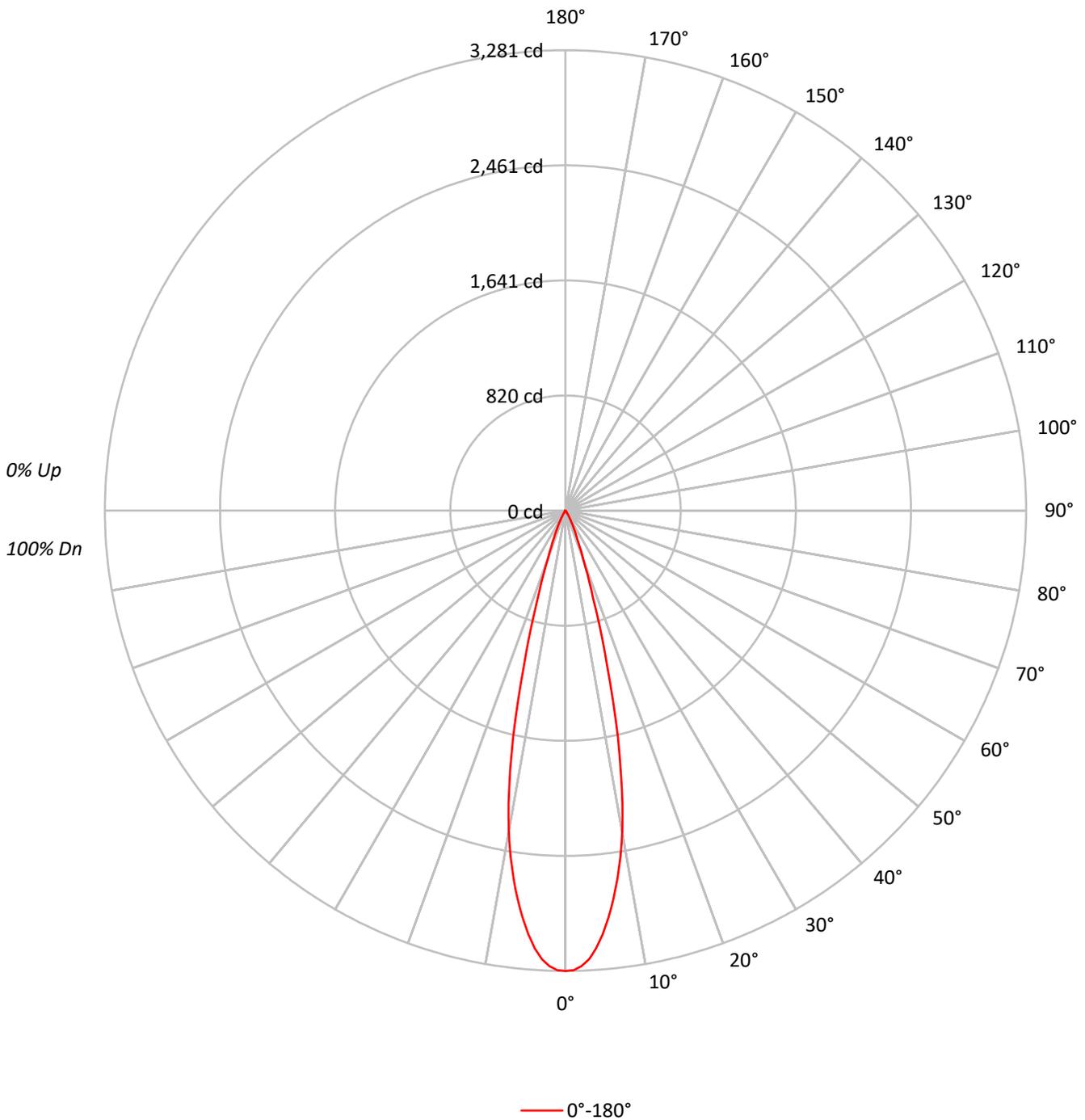|	
Test Method:	LM-79-2019
Report Number:	P1292175
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A09R25W2N902750DE010 E3CD1MW_2700K
Description:	3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3CD1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	673.0 lumens
Efficiency:	N/A
Efficacy:	74.8 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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Scaled Data Report

COOPER
Lighting Solutions

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Luminous Intensity Polar Plot

180°
170°
160°
150°
140°
130°
120°
110°
100°
90°
80°
70°
60°
50°
40°
30°
20°
10°
0°

3,281 cd
2,461 cd
1,641 cd
820 cd
0 cd

0% Up

100% Dn

——— 0°-180°

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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°	719526
5°	667355
10°	517537
15°	259502
20°	85267
25°	33897
30°	12711
35°	3667
40°	1660
45°	651
50°	546
55°	421
60°	482
65°	571
70°	321
75°	424
80°	631
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle:　0°
Vertical Angle:　45°
Luminance:　651 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	266.7	39.6
10°-20°	318.1	47.3
20°-30°	71.7	10.7
30°-40°	11.6	1.7
40°-50°	2.1	0.3
50°-60°	1.1	0.2
60°-70°	1.0	0.2
70°-80°	0.5	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°	656.5	97.6
0°-40°	668.1	99.3
0°-60°	671.4	99.8
0°-90°	673.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	673.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3281	
5°	3032	267
15°	1143	318
25°	140	72
35°	14	12
45°	2	2
55°	1	1
65°	1	1
75°	0	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	3281.3
1°	3276.1
2°	3249.6
3°	3201.0
4°	3127.5
5°	3031.8
6°	2917.6
7°	2793.8
8°	2652.1
9°	2497.2
10°	2324.3
11°	2125.0
12°	1895.5
13°	1655.5
14°	1398.0
15°	1143.1
17.5°	651.4
20°	365.4
22.5°	220.5
25°	140.1
27.5°	86.2
30°	50.2
32.5°	26.4
35°	13.7
37.5°	9.0
40°	5.8
42.5°	3.7
45°	2.1
47.5°	1.6
50°	1.6
52.5°	1.6
55°	1.1
57.5°	1.1
60°	1.1
62.5°	1.1
65°	1.1
67.5°	1.1
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.5
80°	0.5
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)