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: P1248725

Luminaire Tested: P3AS09R109027DE010 E3D1B

Issue Date: 1/30/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1248725
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-19)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS09R109027DE010 E3D1B
Description:	3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 90CRI , E3D1B TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	711.0 lumens
Efficiency:	N/A
Efficacy:	56.9 lumens/watt
Spacing Criteria (0/90/45):	0.18 / 0.18 / 0.18
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

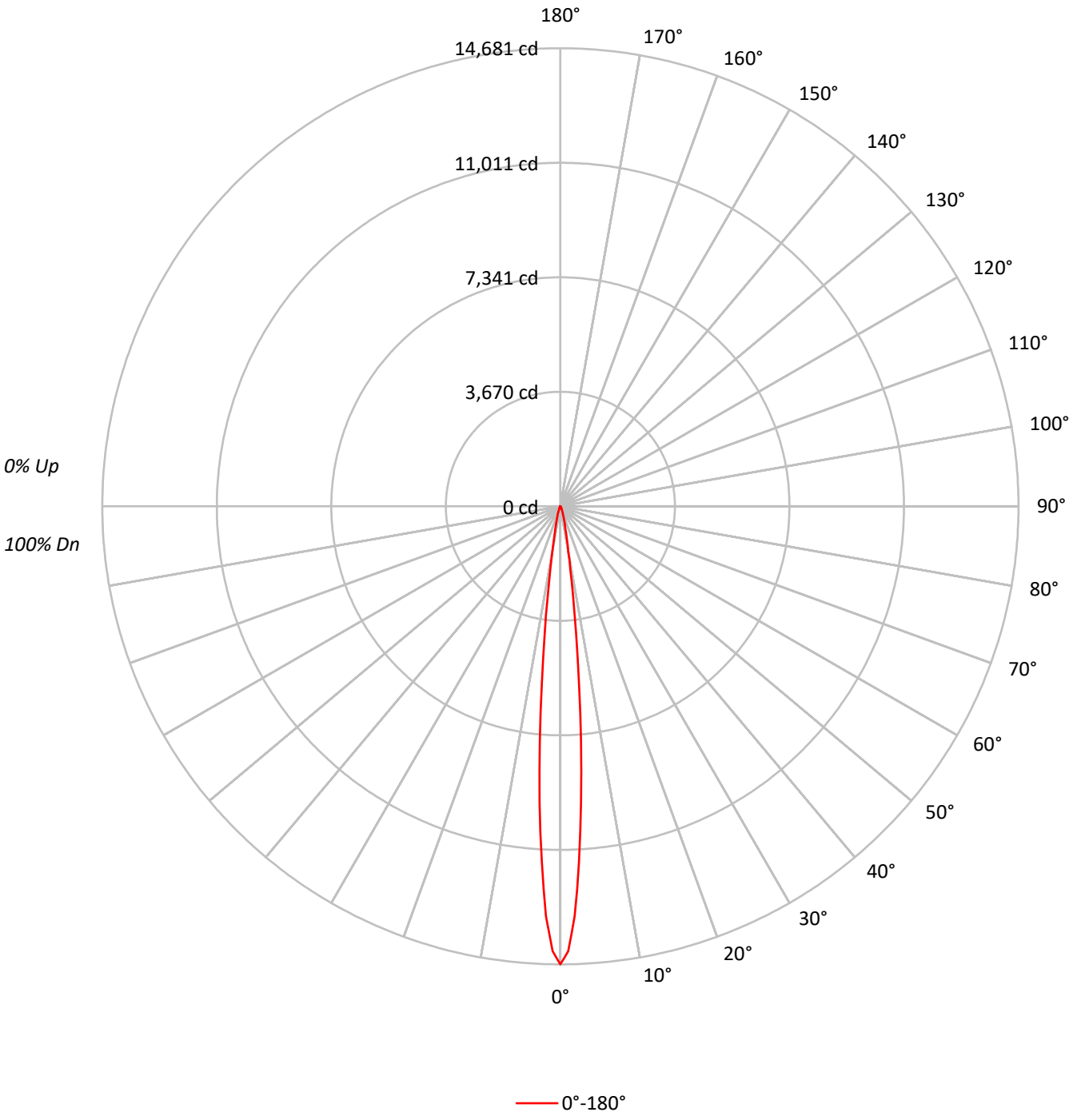
Input Watts (W):	12.5
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1248725
CATALOG NUMBER: P3AS09R109027DE010 E3D1B

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1248725
CATALOG NUMBER: P3AS09R109027DE010 E3D1B

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	116	114	113	111	114	112	111	110	108	107	106	105	104	103	101	101	100	99
2	113	110	108	106	111	109	107	105	106	104	103	103	102	101	100	99	98	97
3	111	107	104	102	109	106	103	101	104	102	100	101	100	98	99	98	97	96
4	109	105	102	99	107	104	101	99	102	99	98	100	98	97	98	97	96	95
5	107	102	99	97	105	101	99	97	100	98	96	99	97	95	97	96	94	93
6	105	100	97	95	104	100	97	95	98	96	94	97	95	94	96	95	93	92
7	103	99	96	93	102	98	95	93	97	95	93	96	94	92	95	93	92	91
8	102	97	94	92	101	97	94	92	96	93	92	95	93	91	94	92	91	90
9	100	96	93	91	100	95	93	91	95	92	90	94	92	90	93	91	90	89
10	99	94	92	90	98	94	91	90	94	91	89	93	91	89	92	91	89	88

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	3219260
5°	1663082
10°	326848
15°	102906
20°	44944
25°	19888
30°	10711
35°	5648
40°	2004
45°	713
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 47.5°
Luminance: 747 cd/sqm

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1248725
CATALOG NUMBER: P3AS09R109027DE010 E3D1B

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	508.2	71.5
10°-20°	144.4	20.3
20°-30°	42.1	5.9
30°-40°	13.8	1.9
40°-50°	2.4	0.3
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	694.8	97.7
0°-40°	708.6	99.7
0°-60°	711.0	100.0
0°-90°	711.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	711.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	14681	
5°	7555	508
15°	453	144
25°	82	42
35°	21	14
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1248725
CATALOG NUMBER: P3AS09R109027DE010 E3D1B

CANDELA DISTRIBUTION (FULL):

	0°
0°	14681.0
1°	14258.3
2°	13152.1
3°	11416.5
4°	9518.8
5°	7555.4
6°	5697.7
7°	4126.5
8°	2902.9
9°	2040.9
10°	1467.9
11°	1087.4
12°	836.1
13°	671.7
14°	547.2
15°	453.3
17.5°	300.6
20°	192.6
22.5°	122.1
25°	82.2
27.5°	58.7
30°	42.3
32.5°	30.5
35°	21.1
37.5°	14.1
40°	7.0
42.5°	4.7
45°	2.3
47.5°	2.3
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1248725
CATALOG NUMBER: P3AS09R109027DE010 E3D1B

CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)