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: P1297901

Luminaire Tested: P3AS13R55W2N902750DE010 E3D1H_3000K

Issue Date: 1/29/2026

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:	P1297901
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS13R55W2N902750DE010 E3D1H_3000K
Description:	3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	986.0 lumens
Efficiency:	N/A
Efficacy:	80.2 lumens/watt
Spacing Criteria (0/90/45):	0.93 / 0.93 / 0.82
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

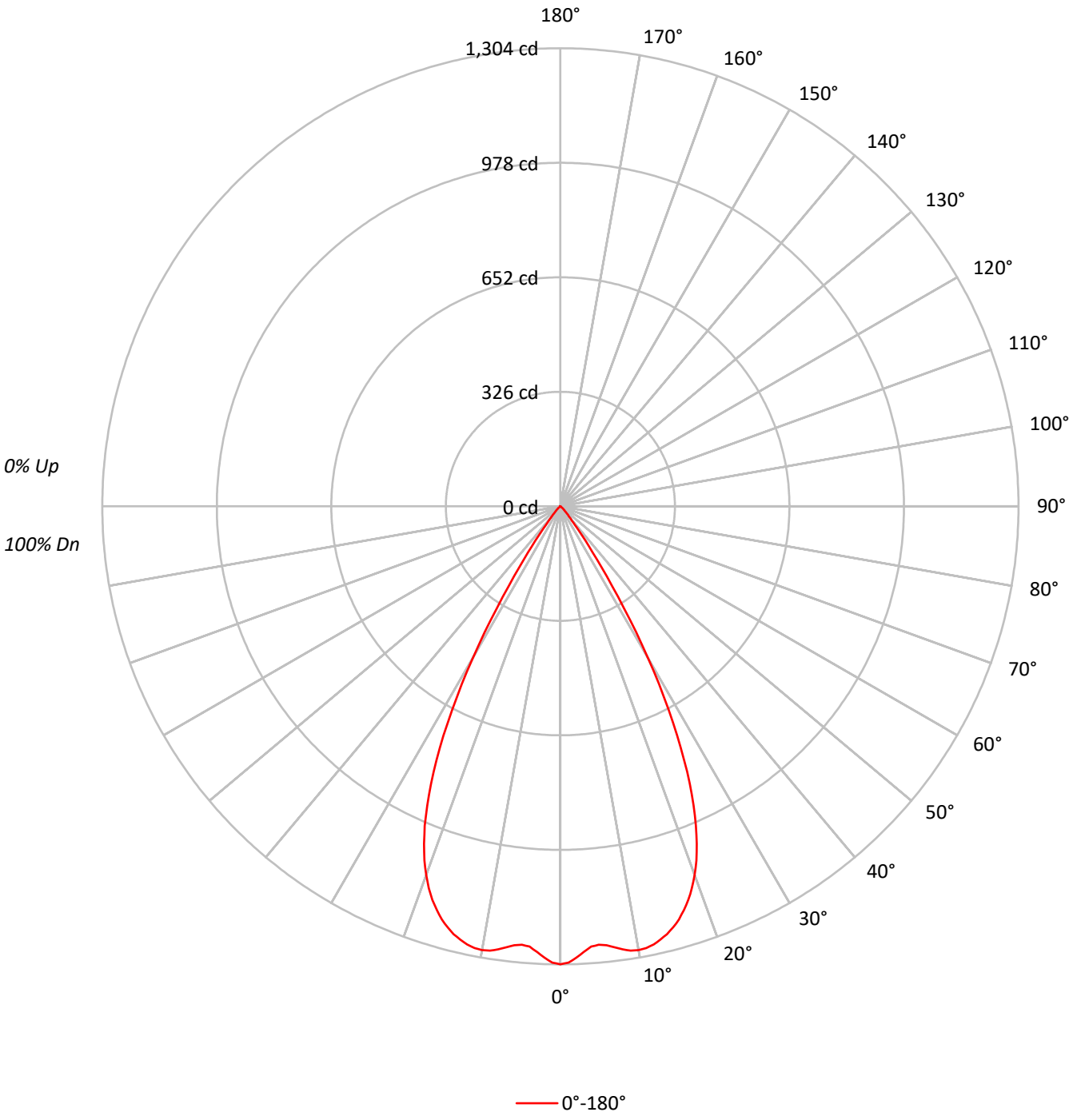
Input Watts (W):	12.3
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

TEST NUMBER: P1297901
CATALOG NUMBER: P3AS13R55W2N902750DE010 E3D1H_3000K

Luminous Intensity Polar Plot



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

Scaled Data Report

TEST NUMBER: P1297901
CATALOG NUMBER: P3AS13R55W2N902750DE010 E3D1H_3000K

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	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	104	98	94	90	102	97	93	90	95	91	88	92	89	87	90	88	86	84
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	79
5	95	88	82	79	94	87	82	78	85	81	78	84	80	77	82	79	76	75
6	91	83	78	74	90	82	77	74	81	76	73	80	76	73	78	75	72	71
7	87	79	73	70	86	78	73	69	77	72	69	76	72	69	75	71	68	67
8	83	75	69	66	82	74	69	66	73	69	65	72	68	65	71	68	65	63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	61	60
10	77	68	62	59	76	67	62	59	67	62	59	66	62	59	65	61	58	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	285920
5°	275808
10°	285677
15°	281636
20°	260656
25°	210811
30°	126349
35°	42804
40°	11794
45°	5241
50°	1535
55°	268
60°	175
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5241 cd/sqm

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

Scaled Data Report

TEST NUMBER: P1297901
CATALOG NUMBER: P3AS13R55W2N902750DE010 E3D1H_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.2	12.3
10°-20°	345.4	35.0
20°-30°	383.9	38.9
30°-40°	119.5	12.1
40°-50°	14.4	1.5
50°-60°	1.1	0.1
60°-70°	0.4	0.0
70°-80°	0.1	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°	850.6	86.3
0°-40°	970.1	98.4
0°-60°	985.6	100.0
0°-90°	986.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	986.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1304	
5°	1253	121
15°	1241	345
25°	871	384
35°	160	120
45°	17	14
55°	1	1
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: P1297901
CATALOG NUMBER: P3AS13R55W2N902750DE010 E3D1H_3000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	1303.9
1°	1299.1
2°	1286.3
3°	1270.6
4°	1256.4
5°	1253.0
6°	1256.7
7°	1264.6
8°	1273.6
9°	1280.7
10°	1283.0
11°	1281.5
12°	1275.5
13°	1266.1
14°	1255.2
15°	1240.6
16°	1223.8
17°	1202.4
18°	1178.5
19°	1149.6
20°	1117.0
21°	1079.9
22°	1036.1
23°	987.8
24°	932.3
25°	871.3
26°	804.2
27°	733.1
28°	657.0
29°	578.7
30°	499.0
31°	418.8
32°	340.5
32.5°	305.7
33°	269.7
34°	208.6
35°	159.9
36°	121.7
37°	90.3
37.5°	77.2
38°	67.1
39°	50.9
40°	41.2
42.5°	26.2
45°	16.9

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

Scaled Data Report

TEST NUMBER: P1297901
CATALOG NUMBER: P3AS13R55W2N902750DE010 E3D1H_3000K

CANDELA DISTRIBUTION (continued):

	0°
47.5°	*10.1*
50°	*4.5*
52.5°	*1.5*
55°	*0.7*
57.5°	*0.4*
60°	*0.4*
62.5°	*0.4*
65°	*0.4*
67.5°	*0.4*
70°	*0.4*
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*
90°	*0.0*

(END OF REPORT)