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: P1288957

Luminaire Tested: P3A05R30W2N902765DE010 E3DL1WH_2700K

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:	P1288957
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A05R30W2N902765DE010 E3DL1WH_2700K
Description:	3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	231.0 lumens
Efficiency:	N/A
Efficacy:	39.1 lumens/watt
Spacing Criteria (0/90/45):	0.66 / 0.66 / 0.7
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

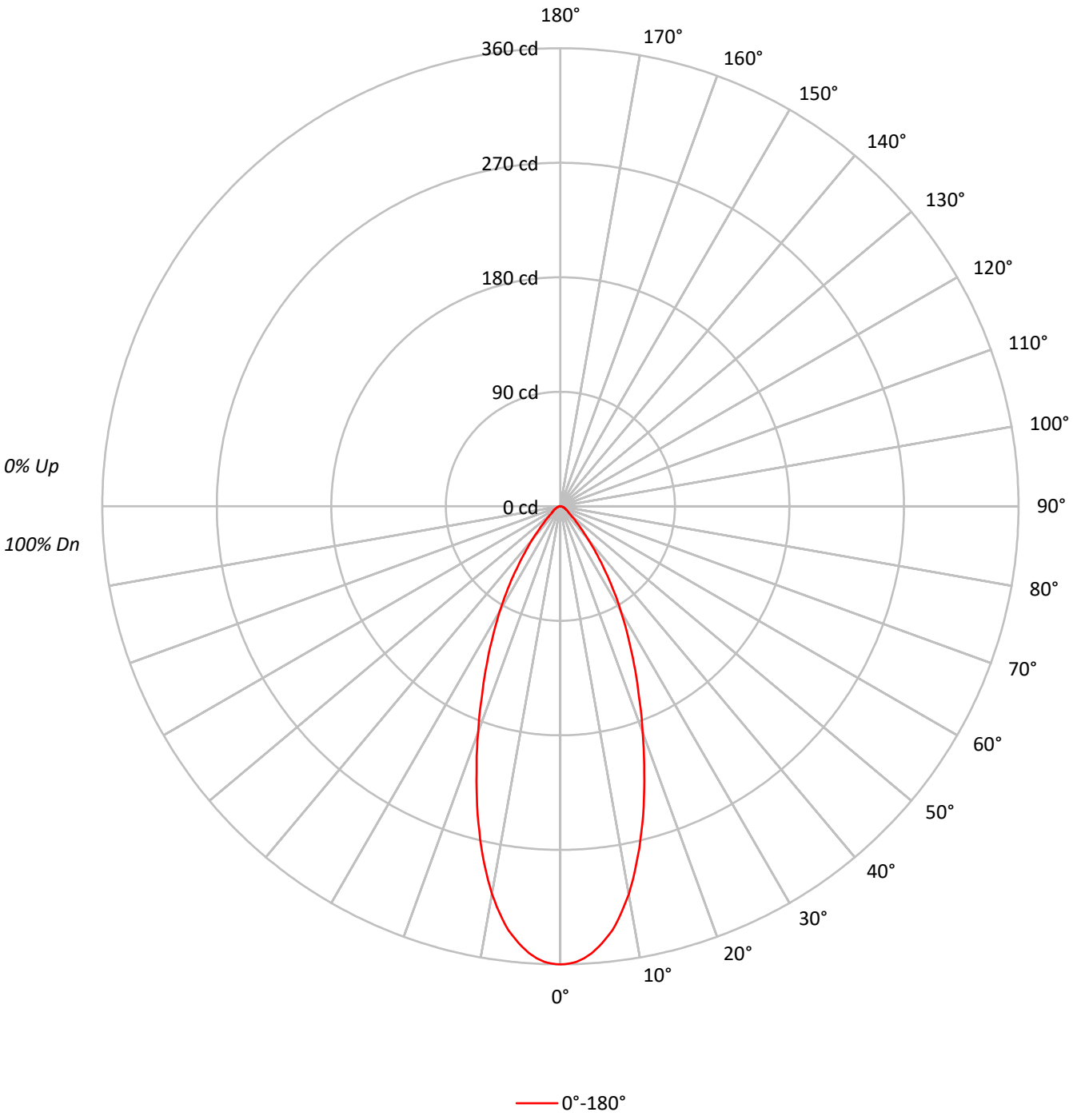
Input Watts (W):	5.9
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

TEST NUMBER: P1288957
CATALOG NUMBER: P3A05R30W2N902765DE010 E3DL1WH_2700K

Luminous Intensity Polar Plot



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

Scaled Data Report

TEST NUMBER: P1288957
CATALOG NUMBER: P3A05R30W2N902765DE010 E3DL1WH_2700K

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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	78941
5°	76469
10°	68914
15°	57004
20°	44127
25°	33099
30°	24029
35°	16008
40°	9847
45°	5768
50°	3548
55°	2867
60°	2500
65°	2024
70°	1859
75°	1779
80°	1389
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5768 cd/sqm

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

Scaled Data Report

TEST NUMBER: P1288957
CATALOG NUMBER: P3A05R30W2N902765DE010 E3DL1WH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.0	13.8
10°-20°	69.2	29.9
20°-30°	62.9	27.2
30°-40°	38.0	16.5
40°-50°	15.3	6.6
50°-60°	6.7	2.9
60°-70°	4.1	1.8
70°-80°	2.2	1.0
80°-90°	0.6	0.3
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°	164.0	71.0
0°-40°	202.1	87.5
0°-60°	224.0	97.0
0°-90°	231.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	231.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	360	
5°	347	32
15°	251	69
25°	137	63
35°	60	38
45°	19	15
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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

Scaled Data Report

TEST NUMBER: P1288957
CATALOG NUMBER: P3A05R30W2N902765DE010 E3DL1WH_2700K

CANDELA DISTRIBUTION (FULL):

	0°
0°	360.0
1°	359.6
2°	358.2
3°	355.7
4°	352.1
5°	347.4
6°	341.7
7°	335.6
8°	327.7
9°	318.8
10°	309.5
11°	298.7
12°	287.3
13°	275.8
14°	263.3
15°	251.1
17.5°	219.2
20°	189.1
22.5°	161.2
25°	136.8
27.5°	114.6
30°	94.9
32.5°	76.7
35°	59.8
37.5°	45.8
40°	34.4
42.5°	25.1
45°	18.6
47.5°	14.0
50°	10.4
52.5°	8.2
55°	7.5
57.5°	6.4
60°	5.7
62.5°	4.7
65°	3.9
67.5°	3.6
70°	2.9
72.5°	2.5
75°	2.1
77.5°	1.8
80°	1.1
82.5°	0.7
85°	0.7
87.5°	0.4

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

Scaled Data Report

TEST NUMBER: P1288957
CATALOG NUMBER: P3A05R30W2N902765DE010 E3DL1WH_2700K

CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)