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: P1265606

Luminaire Tested: P3A17R659730DE010 E3DL1GPH

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:	P1265606
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A17R659730DE010 E3DL1GPH
Description:	3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	568.1 lumens
Efficiency:	N/A
Efficacy:	26.8 lumens/watt
Spacing Criteria (0/90/45):	0.88 / 0.88 / 0.88
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

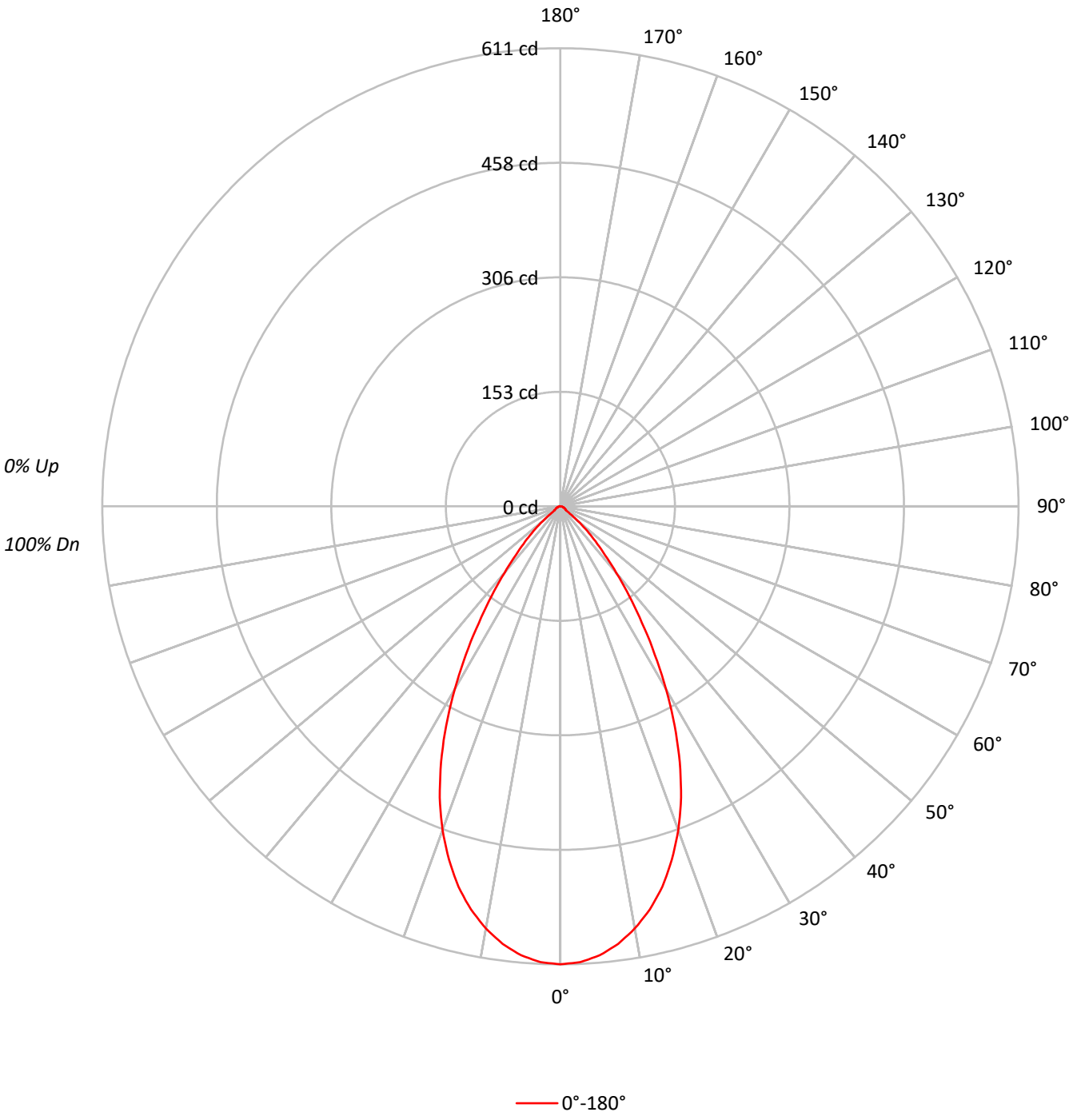
Input Watts (W):	21.2
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

TEST NUMBER: P1265606
CATALOG NUMBER: P3A17R659730DE010 E3DL1GPH

Luminous Intensity Polar Plot



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

Scaled Data Report

TEST NUMBER: P1265606
CATALOG NUMBER: P3A17R659730DE010 E3DL1GPH

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	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	133959
5°	132335
10°	127319
15°	119274
20°	107273
25°	91094
30°	71251
35°	50781
40°	33234
45°	20529
50°	10439
55°	3670
60°	3245
65°	3217
70°	2885
75°	2881
80°	2904
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 20529 cd/sqm

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

Scaled Data Report

TEST NUMBER: P1265606
CATALOG NUMBER: P3A17R659730DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.4	9.9
10°-20°	146.2	25.7
20°-30°	170.9	30.1
30°-40°	119.4	21.0
40°-50°	52.6	9.3
50°-60°	11.7	2.1
60°-70°	5.9	1.0
70°-80°	3.6	0.6
80°-90°	1.2	0.2
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°	373.6	65.8
0°-40°	493.0	86.8
0°-60°	557.3	98.1
0°-90°	568.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	568.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	611	
5°	601	56
15°	525	146
25°	376	171
35°	190	119
45°	66	53
55°	10	12
65°	6	6
75°	3	4
85°	1	1
90°	0	

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

Scaled Data Report

TEST NUMBER: P1265606
CATALOG NUMBER: P3A17R659730DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	610.9
2.5°	608.6
5°	601.2
7.5°	588.8
10°	571.8
12.5°	550.9
15°	525.4
17.5°	494.2
20°	459.7
22.5°	420.6
25°	376.5
27.5°	330.1
30°	281.4
32.5°	234.4
35°	189.7
37.5°	150.6
40°	116.1
42.5°	87.8
45°	66.2
47.5°	48.7
50°	30.6
52.5°	15.9
55°	9.6
57.5°	8.5
60°	7.4
62.5°	6.8
65°	6.2
67.5°	5.1
70°	4.5
72.5°	4.0
75°	3.4
77.5°	2.8
80°	2.3
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)