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: P1265797

Luminaire Tested: P3A20R309730D010 E3DLP1LI

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:	P1265797
	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:	P3A20R309730D010 E3DLP1LI
Description:	3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DLP1LI TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	976.9 lumens
Efficiency:	N/A
Efficacy:	33.9 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

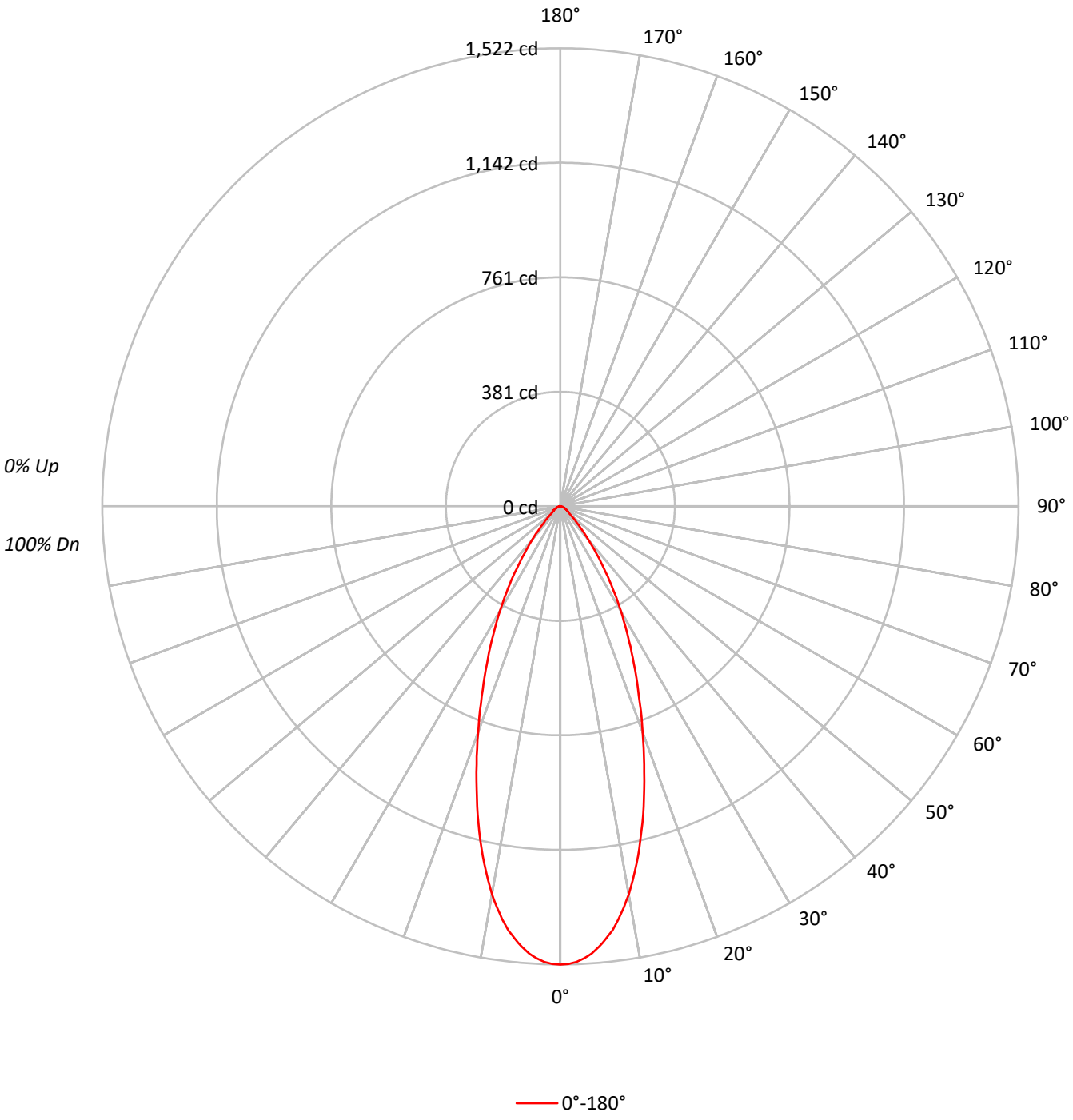
Input Watts (W):	28.8
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

TEST NUMBER: P1265797
CATALOG NUMBER: P3A20R309730D010 E3DLP1LI

Luminous Intensity Polar Plot



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

Scaled Data Report

TEST NUMBER: P1265797
CATALOG NUMBER: P3A20R309730D010 E3DLP1LI

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°	333855
5°	323464
10°	291444
15°	241091
20°	186660
25°	140016
30°	101661
35°	67726
40°	41621
45°	24437
50°	14976
55°	12157
60°	10613
65°	8665
70°	7758
75°	7710
80°	5683
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 24437 cd/sqm

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

Scaled Data Report

TEST NUMBER: P1265797
CATALOG NUMBER: P3A20R309730D010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	135.2	13.8
10°-20°	292.5	29.9
20°-30°	266.1	27.2
30°-40°	160.9	16.5
40°-50°	64.5	6.6
50°-60°	28.5	2.9
60°-70°	17.2	1.8
70°-80°	9.4	1.0
80°-90°	2.7	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°	693.7	71.0
0°-40°	854.6	87.5
0°-60°	947.7	97.0
0°-90°	976.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	976.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1522	
5°	1470	135
15°	1062	292
25°	579	266
35°	253	161
45°	79	65
55°	32	29
65°	17	17
75°	9	9
85°	3	3
90°	0	

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

Scaled Data Report

TEST NUMBER: P1265797
CATALOG NUMBER: P3A20R309730D010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	1522.5
1°	1521.0
2°	1514.9
3°	1504.3
4°	1489.2
5°	1469.5
6°	1445.3
7°	1419.5
8°	1386.2
9°	1348.3
10°	1308.9
11°	1263.5
12°	1215.0
13°	1166.5
14°	1113.5
15°	1062.0
17.5°	927.1
20°	799.9
22.5°	681.7
25°	578.7
27.5°	484.8
30°	401.5
32.5°	324.2
35°	253.0
37.5°	193.9
40°	145.4
42.5°	106.0
45°	78.8
47.5°	59.1
50°	43.9
52.5°	34.8
55°	31.8
57.5°	27.3
60°	24.2
62.5°	19.7
65°	16.7
67.5°	15.1
70°	12.1
72.5°	10.6
75°	9.1
77.5°	7.6
80°	4.5
82.5°	3.0
85°	3.0
87.5°	1.5

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

Scaled Data Report

TEST NUMBER: P1265797
CATALOG NUMBER: P3A20R309730D010 E3DLP1LI

CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)