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: P#

Luminaire Tested: P3ART20R709035D010 E3LDWW1B

Issue Date: 5/8/2026

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:	P#
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-13)
Test Lab:	INNOVATION CENTER
Issue Date:	5/8/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3ART20R709035D010 E3LDWW1B
Description:	3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3LDWW1B TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1535.0 lumens
Efficiency:	N/A
Efficacy:	53.3 lumens/watt
Spacing Criteria (0/90/45):	0.87 / 0.89 / 0.97
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

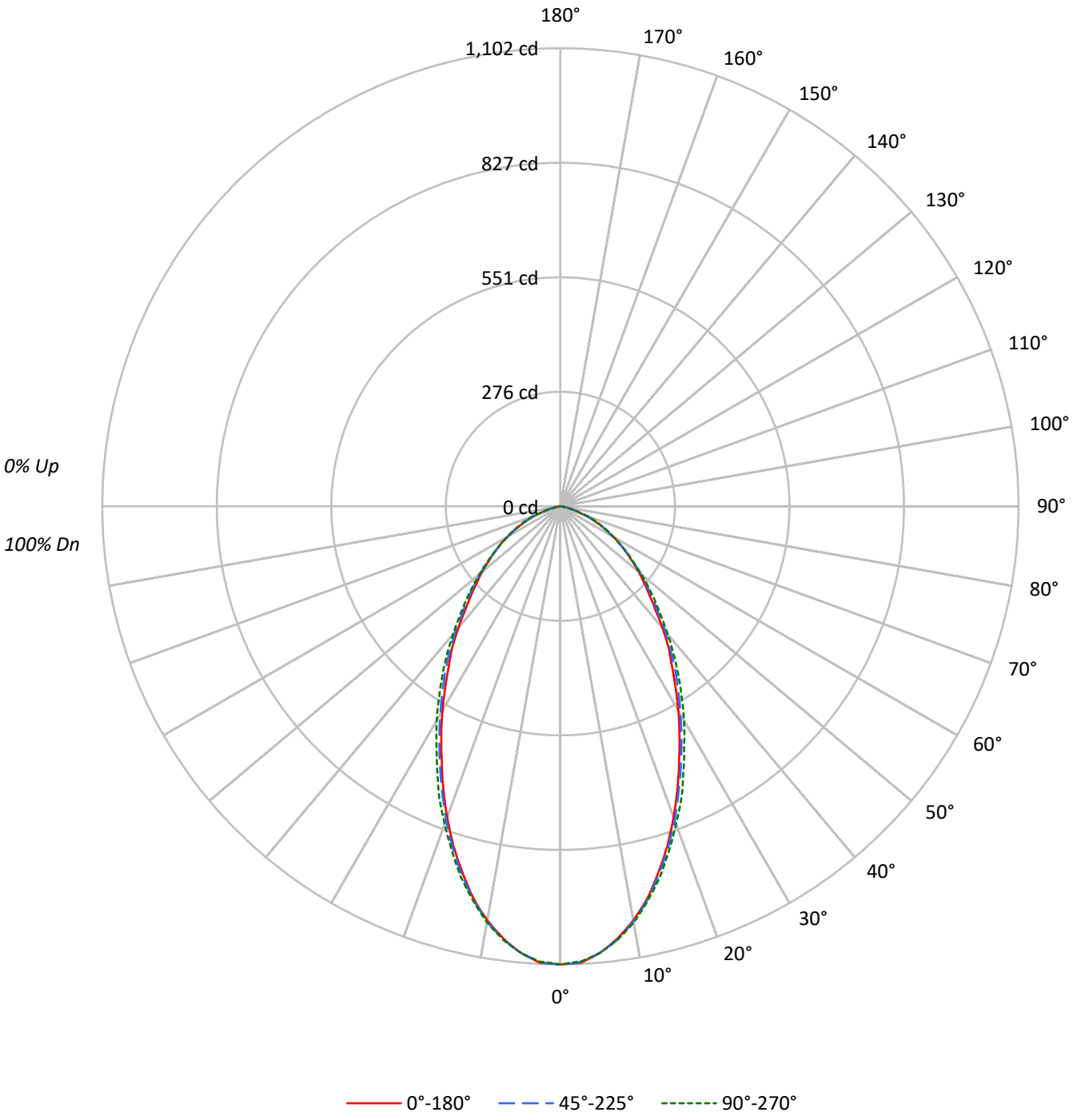
Input Watts (W):	28.8
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

TEST NUMBER: P#
CATALOG NUMBER: P3ART20R709035D010 E3LDWW1B

Luminous Intensity Polar Plot



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

Scaled Data Report

TEST NUMBER: P#
CATALOG NUMBER: P3ART20R709035D010 E3LDWW1B

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	111	108	104	101	109	105	102	100	101	99	97	97	95	94	94	92	91	89
2	103	97	91	87	101	95	90	86	92	87	84	88	85	82	85	83	80	78
3	96	87	81	75	94	86	80	75	83	78	73	80	76	72	78	74	71	69
4	89	79	72	66	87	78	71	66	76	70	65	73	68	64	71	67	63	61
5	83	72	64	59	81	71	64	59	69	63	58	67	62	57	66	61	57	55
6	78	66	58	53	76	65	58	53	64	57	52	62	56	52	61	55	51	50
7	73	61	53	48	71	60	53	48	59	52	47	57	52	47	56	51	47	45
8	68	56	49	44	67	56	49	44	54	48	43	53	47	43	52	47	43	41
9	64	52	45	40	63	52	45	40	51	44	40	50	44	40	49	43	40	38
10	61	49	42	37	60	48	42	37	47	41	37	47	41	37	46	40	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	241669	241669	241669
5°	237618	237618	237618
10°	225269	225825	226382
15°	206880	208015	209717
20°	185703	187453	189810
25°	163388	165808	169461
30°	143642	146200	150656
35°	124986	129028	132374
40°	109233	112096	114987
45°	94211	97312	99638
50°	83920	85626	86479
55°	73899	74855	74855
60°	64951	63855	64951
65°	53391	54688	55985
70°	41866	41866	43469
75°	27620	25502	25502
80°	15911	12628	9471
85°	6290	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°
Vertical Angle: 45°
Luminance: 99638 cd/sqm

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

Scaled Data Report

TEST NUMBER: P#
CATALOG NUMBER: P3ART20R709035D010 E3LDWW1B

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.0	6.6
10°-20°	255.9	16.7
20°-30°	315.6	20.6
30°-40°	300.8	19.6
40°-50°	243.3	15.9
50°-60°	175.3	11.4
60°-70°	104.9	6.8
70°-80°	35.2	2.3
80°-90°	3.0	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°	672.5	43.8
0°-40°	973.3	63.4
0°-60°	1391.9	90.7
0°-90°	1535.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1535.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1102	1102	1102	1102	1102	
5°	1080	1080	1080	1080	1080	101
15°	911	913	916	919	924	255
25°	675	680	685	696	700	311
35°	467	471	482	491	494	293
45°	304	308	314	319	321	237
55°	193	193	196	196	196	174
65°	103	105	105	108	108	103
75°	33	33	30	30	30	37
85°	2	2	0	0	0	4
90°	0	0	0	0	0	

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

Scaled Data Report

TEST NUMBER: P#
CATALOG NUMBER: P3ART20R709035D010 E3LDWW1B

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1102.1	1102.1	1102.1	1102.1	1102.1	1102.1	1102.1	1102.1	1102.1	1102.1	1102.1
2°	1099.5	1099.5	1099.5	1099.5	1099.5	1099.5	1099.5	1099.5	1099.5	1099.5	1097.0
2.5°	1099.5	1097.0	1097.0	1097.0	1097.0	1097.0	1097.0	1097.0	1097.0	1099.5	1097.0
5°	1079.5	1079.5	1079.5	1079.5	1079.5	1079.5	1079.5	1079.5	1082.0	1079.5	1079.5
7.5°	1049.3	1049.3	1049.3	1049.3	1051.9	1051.9	1051.9	1051.9	1054.4	1054.4	1051.9
10°	1011.7	1011.7	1011.7	1011.7	1014.2	1014.2	1016.7	1014.2	1014.2	1016.7	1016.7
12.5°	966.5	964.0	964.0	964.0	966.5	969.0	969.0	969.0	971.5	971.5	971.5
15°	911.3	911.3	911.3	913.8	913.8	916.3	918.8	918.8	921.3	921.3	923.8
17.5°	856.0	856.0	853.5	856.0	858.6	861.1	863.6	866.1	868.6	868.6	868.6
20°	795.8	793.3	795.8	798.3	800.8	803.3	805.8	810.9	813.4	813.4	813.4
22.5°	735.5	733.0	735.5	738.1	740.6	743.1	750.6	753.1	755.6	755.6	760.6
25°	675.3	675.3	677.8	680.3	682.8	685.3	690.4	695.4	697.9	700.4	700.4
27.5°	620.1	620.1	620.1	620.1	625.1	630.1	635.1	640.1	642.7	645.2	645.2
30°	567.3	564.8	564.8	567.3	572.4	577.4	582.4	587.4	589.9	592.5	595.0
32.5°	514.6	514.6	514.6	517.1	519.6	527.2	532.2	534.7	539.7	542.2	542.2
35°	466.9	466.9	466.9	472.0	477.0	482.0	484.5	489.5	494.5	494.5	494.5
37.5°	426.8	429.3	434.3	431.8	431.8	434.3	436.8	441.8	446.8	446.8	446.8
40°	381.6	384.1	386.6	384.1	386.6	391.6	394.1	396.6	399.2	401.7	401.7
42.5°	338.9	338.9	338.9	341.4	346.4	348.9	354.0	356.5	359.0	359.0	359.0
45°	303.8	303.8	306.3	308.8	311.3	313.8	316.3	318.8	321.3	321.3	321.3
47.5°	273.6	273.6	276.1	276.1	278.7	281.2	283.7	283.7	286.2	288.7	286.2
50°	246.0	246.0	246.0	248.5	248.5	251.0	251.0	253.5	253.5	253.5	253.5
52.5°	218.4	218.4	218.4	218.4	220.9	220.9	220.9	223.4	223.4	223.4	223.4
55°	193.3	193.3	193.3	193.3	193.3	195.8	195.8	195.8	195.8	195.8	195.8
57.5°	170.7	170.7	170.7	170.7	170.7	170.7	170.7	170.7	170.7	170.7	170.7
60°	148.1	148.1	148.1	148.1	148.1	145.6	148.1	148.1	148.1	148.1	148.1
62.5°	125.5	125.5	125.5	125.5	125.5	125.5	125.5	128.0	128.0	128.0	128.0
65°	102.9	105.4	105.4	105.4	105.4	105.4	105.4	107.9	107.9	107.9	107.9
67.5°	82.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	87.9	87.9	87.9
70°	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	67.8
72.5°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	47.7	47.7	47.7
75°	32.6	32.6	32.6	32.6	30.1	30.1	30.1	30.1	30.1	30.1	30.1
77.5°	22.6	22.6	22.6	20.1	20.1	17.6	17.6	17.6	17.6	17.6	15.1
80°	12.6	12.6	12.6	12.6	12.6	10.0	10.0	7.5	7.5	7.5	7.5
82.5°	7.5	7.5	7.5	5.0	5.0	5.0	5.0	2.5	2.5	2.5	2.5
85°	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)