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: P3ART20R709024D010 E3LDWW1WH

Issue Date: 5/8/2026

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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:	P3ART20R709024D010 E3LDWW1WH
Description:	3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3LDWW1WH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1316.0 lumens
Efficiency:	N/A
Efficacy:	45.7 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

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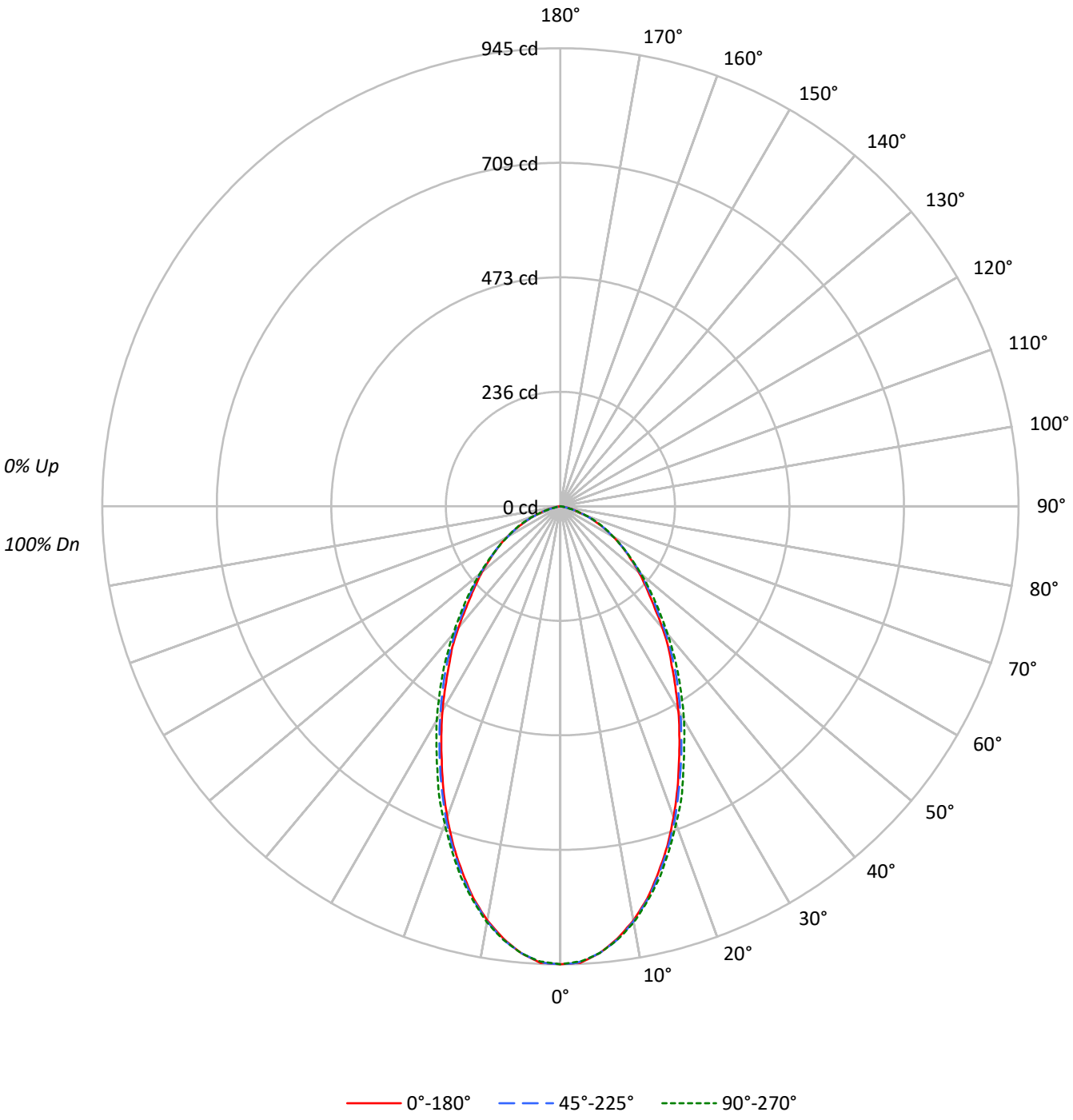
Luminous Intensity Polar Plot



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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°	207176	207176	207176
5°	203719	203719	203719
10°	193116	193606	194096
15°	177368	178344	179797
20°	159217	160711	162717
25°	140065	142170	145291
30°	123158	125336	129159
35°	107157	110610	113502
40°	93633	96094	98585
45°	80753	83420	85435
50°	71946	73413	74164
55°	63348	64189	64189
60°	55697	54732	55697
65°	45764	46905	47995
70°	35903	35903	37250
75°	23723	21859	21859
80°	13638	10860	8208
85°	5535	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°
Vertical Angle: 45°
Luminance: 85435 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.6	6.6
10°-20°	219.4	16.7
20°-30°	270.6	20.6
30°-40°	257.9	19.6
40°-50°	208.6	15.9
50°-60°	150.3	11.4
60°-70°	90.0	6.8
70°-80°	30.1	2.3
80°-90°	2.6	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°	576.6	43.8
0°-40°	834.5	63.4
0°-60°	1193.3	90.7
0°-90°	1316.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1316.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	945	945	945	945	945	
5°	926	926	926	926	926	86
15°	781	783	786	788	792	218
25°	579	583	588	597	600	266
35°	400	404	413	421	424	252
45°	260	264	269	274	276	203
55°	166	166	168	168	168	149
65°	88	90	90	92	92	88
75°	28	28	26	26	26	31
85°	2	2	0	0	0	4
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	944.8	944.8	944.8	944.8	944.8	944.8	944.8	944.8	944.8	944.8	944.8
2°	942.7	942.7	942.7	942.7	942.7	942.7	942.7	942.7	942.7	942.7	940.5
2.5°	942.7	940.5	940.5	940.5	940.5	940.5	940.5	940.5	940.5	942.7	940.5
5°	925.5	925.5	925.5	925.5	925.5	925.5	925.5	925.5	927.6	925.5	925.5
7.5°	899.6	899.6	899.6	899.6	901.8	901.8	901.8	901.8	903.9	903.9	901.8
10°	867.3	867.3	867.3	867.3	869.5	869.5	871.7	869.5	869.5	871.7	871.7
12.5°	828.6	826.5	826.5	826.5	828.6	830.8	830.8	830.8	832.9	832.9	832.9
15°	781.3	781.3	781.3	783.4	783.4	785.6	787.7	787.7	789.9	789.9	792.0
17.5°	733.9	733.9	731.8	733.9	736.1	738.2	740.4	742.5	744.7	744.7	744.7
20°	682.3	680.1	682.3	684.4	686.6	688.7	690.9	695.2	697.3	697.3	697.3
22.5°	630.6	628.4	630.6	632.8	634.9	637.1	643.5	645.7	647.8	647.8	652.1
25°	578.9	578.9	581.1	583.3	585.4	587.6	591.9	596.2	598.3	600.5	600.5
27.5°	531.6	531.6	531.6	531.6	535.9	540.2	544.5	548.8	551.0	553.1	553.1
30°	486.4	484.3	484.3	486.4	490.7	495.0	499.3	503.6	505.8	507.9	510.1
32.5°	441.2	441.2	441.2	443.4	445.5	452.0	456.3	458.4	462.7	464.9	464.9
35°	400.3	400.3	400.3	404.6	408.9	413.2	415.4	419.7	424.0	424.0	424.0
37.5°	365.9	368.0	372.3	370.2	370.2	372.3	374.5	378.8	383.1	383.1	383.1
40°	327.1	329.3	331.4	329.3	331.4	335.7	337.9	340.1	342.2	344.4	344.4
42.5°	290.6	290.6	290.6	292.7	297.0	299.2	303.5	305.6	307.8	307.8	307.8
45°	260.4	260.4	262.6	264.7	266.9	269.0	271.2	273.3	275.5	275.5	275.5
47.5°	234.6	234.6	236.7	236.7	238.9	241.0	243.2	243.2	245.4	247.5	245.4
50°	210.9	210.9	210.9	213.1	213.1	215.2	215.2	217.4	217.4	217.4	217.4
52.5°	187.2	187.2	187.2	187.2	189.4	189.4	189.4	191.5	191.5	191.5	191.5
55°	165.7	165.7	165.7	165.7	165.7	167.9	167.9	167.9	167.9	167.9	167.9
57.5°	146.4	146.4	146.4	146.4	146.4	146.4	146.4	146.4	146.4	146.4	146.4
60°	127.0	127.0	127.0	127.0	127.0	124.8	127.0	127.0	127.0	127.0	127.0
62.5°	107.6	107.6	107.6	107.6	107.6	107.6	107.6	109.8	109.8	109.8	109.8
65°	88.2	90.4	90.4	90.4	90.4	90.4	90.4	92.5	92.5	92.5	92.5
67.5°	71.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	75.3	75.3	75.3
70°	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	58.1
72.5°	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	40.9	40.9	40.9
75°	28.0	28.0	28.0	28.0	25.8	25.8	25.8	25.8	25.8	25.8	25.8
77.5°	19.4	19.4	19.4	17.2	17.2	15.1	15.1	15.1	15.1	15.1	12.9
80°	10.8	10.8	10.8	10.8	10.8	8.6	8.6	6.5	6.5	6.5	6.5
82.5°	6.5	6.5	6.5	4.3	4.3	4.3	4.3	2.2	2.2	2.2	2.2
85°	2.2	2.2	2.2	2.2	2.2	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)