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: P3ART20R709730D010 E3LDWW1H

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:	P3ART20R709730D010 E3LDWW1H
Description:	3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3LDWW1H TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1337.0 lumens
Efficiency:	N/A
Efficacy:	46.4 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

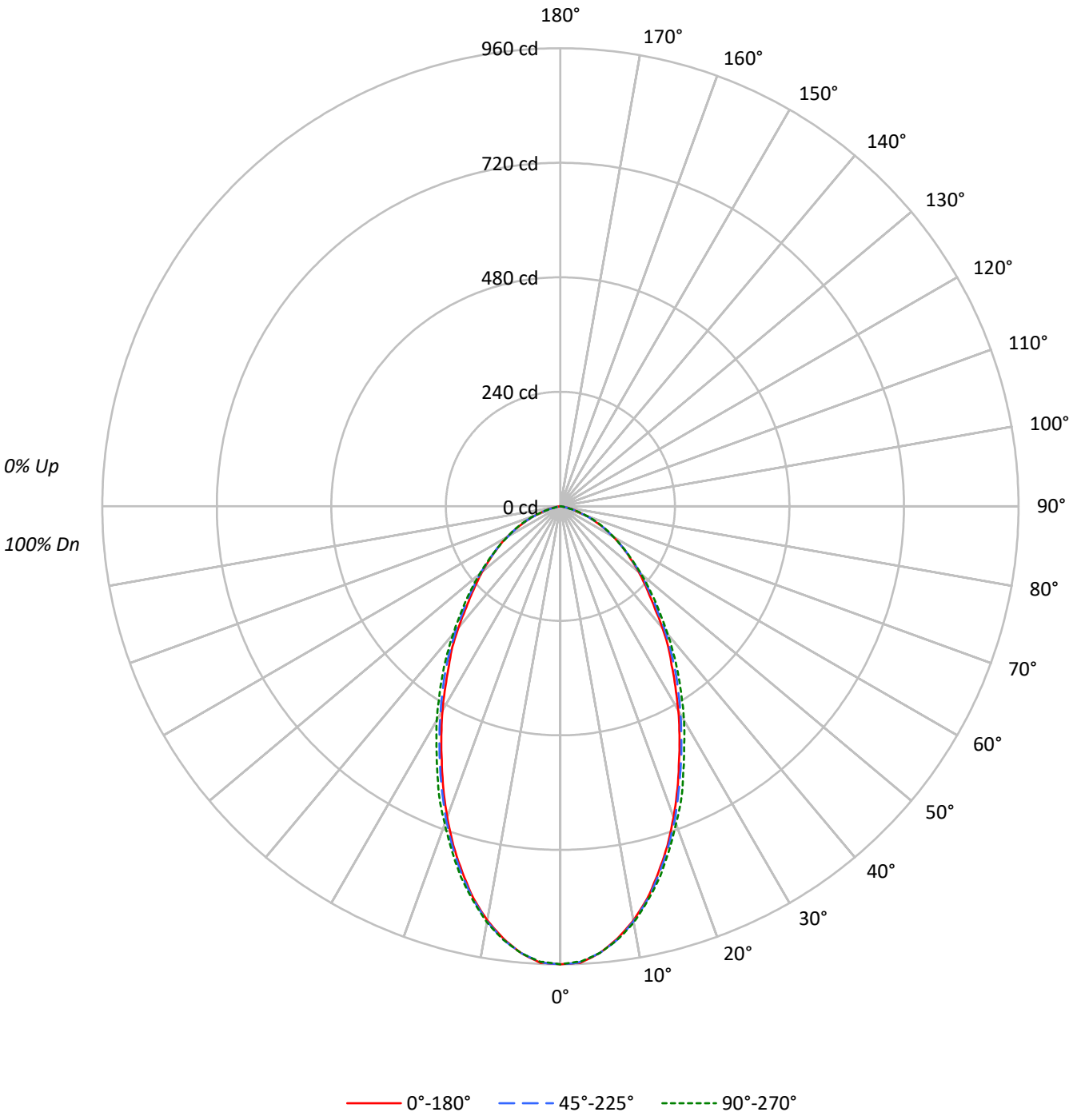
Input Watts (W):	28.8
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

TEST NUMBER: P#
CATALOG NUMBER: P3ART20R709730D010 E3LDWW1H

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: P3ART20R709730D010 E3LDWW1H

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°	210488	210488	210488
5°	206955	206955	206955
10°	196211	196701	197191
15°	180183	181182	182680
20°	161737	163278	165308
25°	142315	144420	147613
30°	125133	127336	131210
35°	108870	112377	115322
40°	95150	97640	100159
45°	82055	84753	86800
50°	73106	74607	75324
55°	64380	65221	65221
60°	56574	55610	56574
65°	46490	47632	48773
70°	36481	36481	37827
75°	24061	22198	22198
80°	13764	10986	8334
85°	5535	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°
Vertical Angle: 45°
Luminance: 86800 cd/sqm

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

Scaled Data Report

TEST NUMBER: P#
CATALOG NUMBER: P3ART20R709730D010 E3LDWW1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.9	6.6
10°-20°	222.9	16.7
20°-30°	274.9	20.6
30°-40°	262.0	19.6
40°-50°	211.9	15.9
50°-60°	152.7	11.4
60°-70°	91.4	6.8
70°-80°	30.6	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°	585.8	43.8
0°-40°	847.8	63.4
0°-60°	1212.4	90.7
0°-90°	1337.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1337.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	960	960	960	960	960	
5°	940	940	940	941	940	88
15°	794	795	798	801	805	222
25°	588	592	597	606	610	271
35°	407	410	420	428	431	256
45°	265	268	273	278	280	206
55°	168	168	171	171	171	152
65°	90	92	92	94	94	90
75°	28	28	26	26	26	32
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: P3ART20R709730D010 E3LDWW1H

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	959.9	959.9	959.9	959.9	959.9	959.9	959.9	959.9	959.9	959.9	959.9
2°	957.7	957.7	957.7	957.7	957.7	957.7	957.7	957.7	957.7	957.7	955.5
2.5°	957.7	955.5	955.5	955.5	955.5	955.5	955.5	955.5	955.5	957.7	955.5
5°	940.2	940.2	940.2	940.2	940.2	940.2	940.2	940.2	942.4	940.2	940.2
7.5°	914.0	914.0	914.0	914.0	916.2	916.2	916.2	916.2	918.4	918.4	916.2
10°	881.2	881.2	881.2	881.2	883.4	883.4	885.6	883.4	883.4	885.6	885.6
12.5°	841.8	839.6	839.6	839.6	841.8	844.0	844.0	844.0	846.2	846.2	846.2
15°	793.7	793.7	793.7	795.9	795.9	798.1	800.3	800.3	802.5	802.5	804.7
17.5°	745.6	745.6	743.4	745.6	747.8	750.0	752.2	754.4	756.6	756.6	756.6
20°	693.1	691.0	693.1	695.3	697.5	699.7	701.9	706.3	708.4	708.4	708.4
22.5°	640.7	638.5	640.7	642.9	645.0	647.2	653.8	656.0	658.2	658.2	662.5
25°	588.2	588.2	590.4	592.6	594.7	596.9	601.3	605.7	607.9	610.1	610.1
27.5°	540.1	540.1	540.1	540.1	544.5	548.8	553.2	557.6	559.8	561.9	561.9
30°	494.2	492.0	492.0	494.2	498.5	502.9	507.3	511.7	513.8	516.0	518.2
32.5°	448.2	448.2	448.2	450.4	452.6	459.2	463.6	465.7	470.1	472.3	472.3
35°	406.7	406.7	406.7	411.1	415.4	419.8	422.0	426.4	430.8	430.8	430.8
37.5°	371.7	373.9	378.3	376.1	376.1	378.3	380.5	384.8	389.2	389.2	389.2
40°	332.4	334.5	336.7	334.5	336.7	341.1	343.3	345.5	347.7	349.9	349.9
42.5°	295.2	295.2	295.2	297.4	301.7	303.9	308.3	310.5	312.7	312.7	312.7
45°	264.6	264.6	266.8	268.9	271.1	273.3	275.5	277.7	279.9	279.9	279.9
47.5°	238.3	238.3	240.5	240.5	242.7	244.9	247.1	247.1	249.3	251.5	249.3
50°	214.3	214.3	214.3	216.5	216.5	218.7	218.7	220.8	220.8	220.8	220.8
52.5°	190.2	190.2	190.2	190.2	192.4	192.4	192.4	194.6	194.6	194.6	194.6
55°	168.4	168.4	168.4	168.4	168.4	170.6	170.6	170.6	170.6	170.6	170.6
57.5°	148.7	148.7	148.7	148.7	148.7	148.7	148.7	148.7	148.7	148.7	148.7
60°	129.0	129.0	129.0	129.0	129.0	126.8	129.0	129.0	129.0	129.0	129.0
62.5°	109.3	109.3	109.3	109.3	109.3	109.3	109.3	111.5	111.5	111.5	111.5
65°	89.6	91.8	91.8	91.8	91.8	91.8	91.8	94.0	94.0	94.0	94.0
67.5°	72.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	76.5	76.5	76.5
70°	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	59.0
72.5°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	41.5	41.5	41.5
75°	28.4	28.4	28.4	28.4	26.2	26.2	26.2	26.2	26.2	26.2	26.2
77.5°	19.7	19.7	19.7	17.5	17.5	15.3	15.3	15.3	15.3	15.3	13.1
80°	10.9	10.9	10.9	10.9	10.9	8.7	8.7	6.6	6.6	6.6	6.6
82.5°	6.6	6.6	6.6	4.4	4.4	4.4	4.4	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)