

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: P1309370

Luminaire Tested: P3SQAS17R709035DE010 E3SQCLDWW1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309370
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R709035DE010 E3SQCLDWW1MMS
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3SQCLDWW1MMS TR
Light Source: -
Ballast/Driver: -

Summary

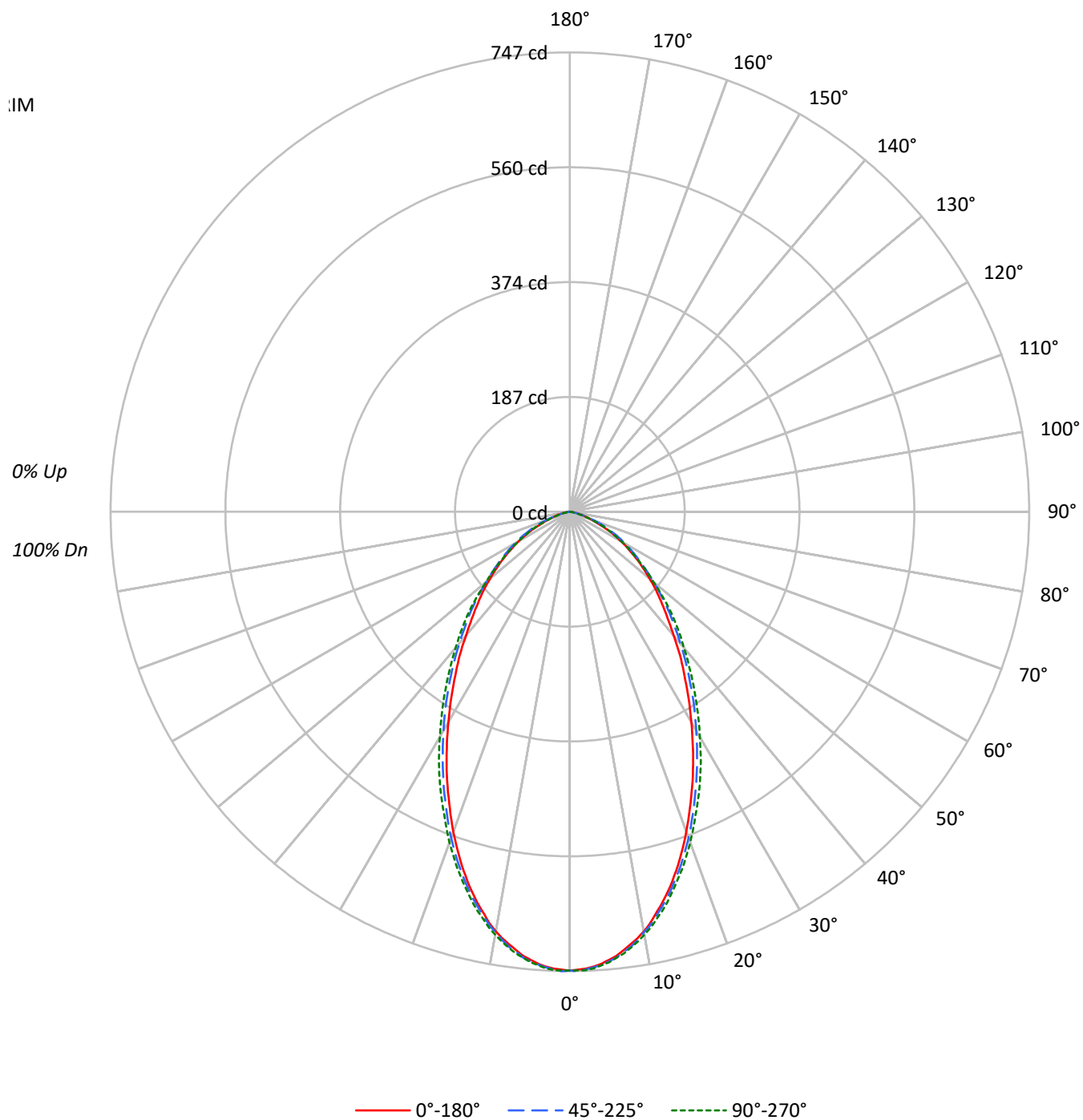
Lumens per Lamp: N/A
Luminaire Lumens: 1068.0 lumens
Efficiency: N/A
Efficacy: 50.4 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1309370

CATALOG NUMBER: P3SQAS17R709035DE010 E3SQCLDWW1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1309370

CATALOG NUMBER: P3SQAS17R709035DE010 E3SQCLDWW1MMS

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	111	108	104	102	109	106	103	100	101	99	97		98	96	94		94
2	103	97	92	87	101	95	90	86	92	88	84		89	85	82		86
3	96	87	81	76	94	86	80	75	83	78	74		81	76	72		78
4	89	79	72	66	87	78	71	66	76	70	65		74	69	64		72
5	83	72	65	59	81	71	64	59	69	63	58		67	62	58		66
6	78	66	59	53	76	65	58	53	64	57	53		62	56	52		61
7	73	61	53	48	71	60	53	48	59	52	48		58	52	47		56
8	68	57	49	44	67	56	49	44	55	48	44		53	48	43		52
9	64	53	45	40	63	52	45	40	51	45	40		50	44	40		49
10	61	49	42	37	60	49	42	37	48	41	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	128478	128478	128478
5°	126445	126912	127136
10°	121191	121419	122118
15°	112453	113398	114343
20°	101516	103459	104907
25°	89902	92410	94671
30°	78532	81694	84060
35°	68246	71883	74111
40°	58993	62860	64951
45°	51635	55191	56798
50°	45441	47585	47585
55°	39394	41376	40175
60°	33308	35616	33790
65°	25918	29708	27018
70°	18682	22005	18682
75°	14107	13242	10580
80°	9224	6546	2678
85°	2569	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 56798 cd/sqm

TEST NUMBER: P1309370

CATALOG NUMBER: P3SQAS17R709035DE010 E3SQCLDWW1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.8	6.4
10°-20°	177.5	16.6
20°-30°	222.9	20.9
30°-40°	212.9	19.9
40°-50°	173.1	16.2
50°-60°	121.2	11.3
60°-70°	68.4	6.4
70°-80°	21.7	2.0
80°-90°	1.7	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°	469.2	43.9
0°-40°	682.0	63.9
0°-60°	976.3	91.4
0°-90°	1068.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1068.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	746	746	746	746	746	
5°	731	733	734	733	735	69
15°	631	632	636	637	641	176
25°	473	478	486	494	498	217
35°	325	330	342	348	352	204
45°	212	217	227	231	233	165
55°	131	132	138	135	134	117
65°	64	68	73	69	66	64
75°	21	21	20	17	16	23
85°	1	1	0	0	0	3
90°	0	0	0	0	0	

TEST NUMBER: P1309370

CATALOG NUMBER: P3SQAS17R709035DE010 E3SQCLDWW1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	746.0	746.0	746.0	746.0	746.0
1°	744.7	746.0	747.3	744.7	746.0
2°	743.4	744.7	744.7	743.4	746.0
3°	740.7	742.0	742.0	740.7	743.4
4°	736.7	738.1	738.1	736.7	739.4
5°	731.4	732.8	734.1	732.8	735.4
6°	726.1	727.5	728.8	727.5	728.8
7°	718.2	720.8	720.8	720.8	723.5
8°	710.2	712.9	714.2	712.9	715.5
9°	702.3	703.6	704.9	704.9	707.6
10°	693.0	694.3	694.3	695.7	698.3
11°	682.4	682.4	685.1	685.1	689.0
12°	669.2	670.5	673.1	674.5	677.1
13°	657.2	658.6	661.2	662.5	666.5
14°	644.0	646.6	649.3	650.6	654.6
15°	630.7	632.1	636.0	637.4	641.3
17.5°	593.6	595.0	601.6	604.2	608.2
20°	553.9	557.9	564.5	568.5	572.4
22.5°	512.8	516.8	524.7	531.4	534.0
25°	473.1	478.4	486.3	494.3	498.2
27.5°	433.3	438.6	447.9	455.8	461.1
30°	394.9	400.2	410.8	417.4	422.7
32.5°	359.1	364.4	376.3	383.0	386.9
35°	324.6	329.9	341.9	348.5	352.5
37.5°	294.2	299.5	310.1	316.7	319.3
40°	262.4	269.0	279.6	286.2	288.9
42.5°	235.9	241.2	251.8	257.1	261.0
45°	212.0	217.3	226.6	230.6	233.2
47.5°	190.8	193.5	201.4	202.7	205.4
50°	169.6	172.3	177.6	178.9	177.6
52.5°	149.7	152.4	156.4	155.0	155.0
55°	131.2	132.5	137.8	135.2	133.8
57.5°	112.6	115.3	120.6	116.6	115.3
60°	96.7	99.4	103.4	100.7	98.1
62.5°	80.8	82.2	88.8	83.5	80.8
65°	63.6	67.6	72.9	68.9	66.3
67.5°	47.7	54.3	59.6	54.3	51.7
70°	37.1	39.8	43.7	41.1	37.1
72.5°	27.8	29.2	30.5	27.8	25.2
75°	21.2	21.2	19.9	17.2	15.9
77.5°	14.6	14.6	11.9	8.0	8.0
80°	9.3	9.3	6.6	2.7	2.7
82.5°	4.0	4.0	2.7	1.3	1.3
85°	1.3	1.3	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1309370

CATALOG NUMBER: P3SQAS17R709035DE010 E3SQCLDWW1MMS

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)