

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: P1309046

Luminaire Tested: P3SQAS09R709035DE010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309046
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS09R709035DE010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

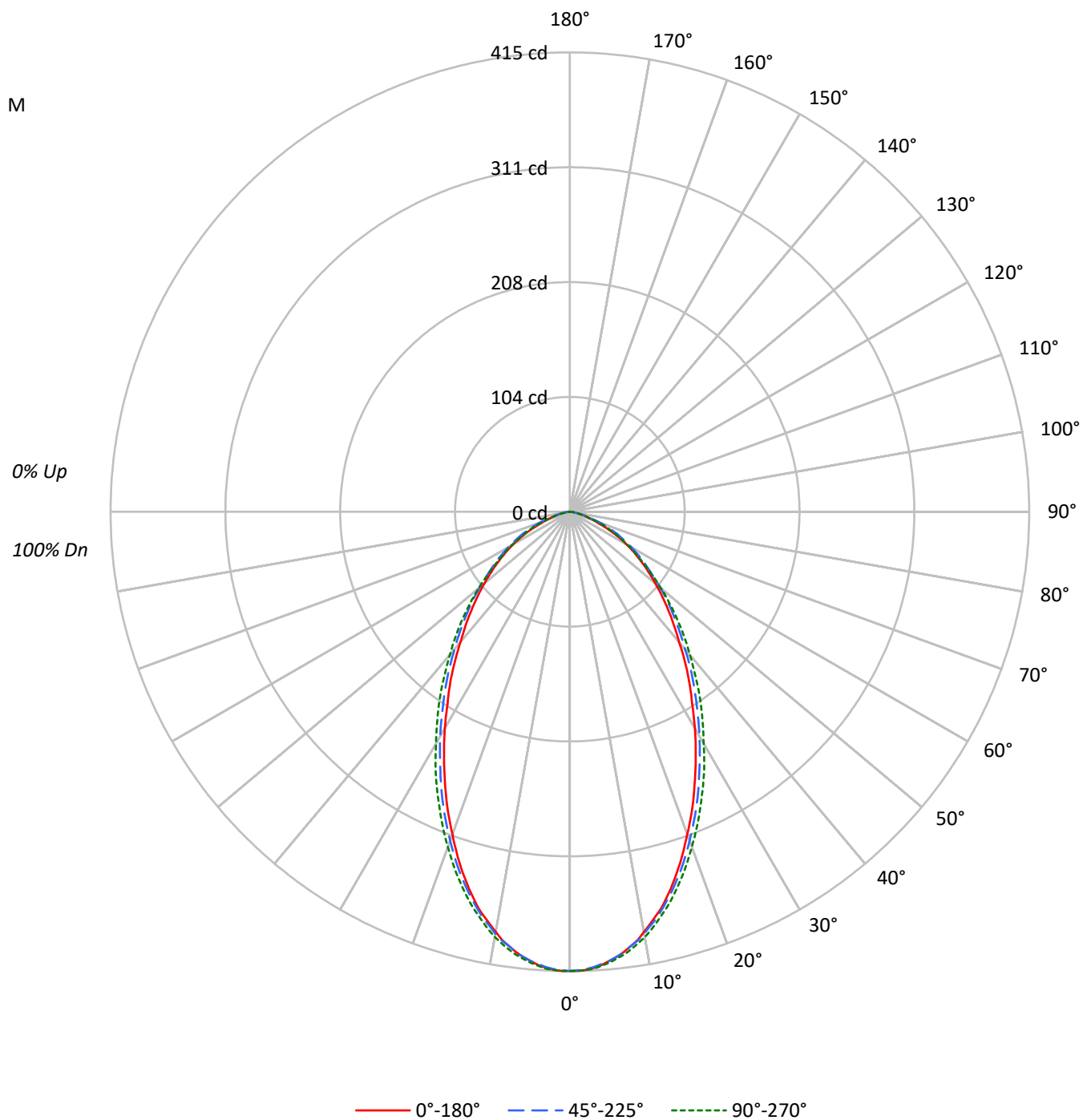
Lumens per Lamp: N/A
Luminaire Lumens: 623.0 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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
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	107	104	101	109	105	102	99	101	98	96		97	95	93		94
2	103	96	91	86	101	95	89	85	91	87	83		88	84	81		85
3	95	87	80	75	93	85	79	74	82	77	73		80	75	71		77
4	89	78	71	65	87	77	70	65	75	69	64		73	67	63		71
5	83	71	64	58	81	70	63	58	68	62	57		67	61	57		65
6	77	65	58	52	75	64	57	52	63	56	51		61	55	51		60
7	72	60	52	47	70	59	52	47	58	51	47		57	51	46		55
8	68	56	48	43	66	55	48	43	54	47	42		53	47	42		51
9	64	52	44	39	62	51	44	39	50	44	39		49	43	39		48
10	60	48	41	36	59	48	41	36	47	40	36		46	40	36		45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	71455	71455	71455
5°	70432	70432	70691
10°	67416	67678	68220
15°	62832	63367	64169
20°	56852	57970	59070
25°	50794	52238	53664
30°	44924	46574	48066
35°	39589	41313	43058
40°	34532	36398	37927
45°	30640	32272	33368
50°	27034	28454	28856
55°	23751	25102	24411
60°	20494	22044	21011
65°	16260	19031	17197
70°	11733	14804	12891
75°	9050	9515	7985
80°	5951	5951	4463
85°	2964	2964	2964

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 33368 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.2	6.1
10°-20°	99.3	15.9
20°-30°	126.2	20.3
30°-40°	122.7	19.7
40°-50°	102.0	16.4
50°-60°	73.6	11.8
60°-70°	43.3	7.0
70°-80°	15.3	2.5
80°-90°	2.3	0.4
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°	263.7	42.3
0°-40°	386.5	62.0
0°-60°	562.1	90.2
0°-90°	623.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	623.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	415	415	415	415	415	
5°	407	407	407	407	409	38
15°	352	352	355	358	360	98
25°	267	270	275	280	282	123
35°	188	190	196	202	205	118
45°	126	128	132	136	137	97
55°	79	81	84	83	81	71
65°	40	43	47	44	42	40
75°	14	14	14	13	12	15
85°	2	2	2	2	2	2
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	414.9	414.9	414.9	414.9	414.9
1°	414.9	414.2	414.2	414.2	414.9
2°	414.2	413.4	413.4	413.4	414.2
3°	412.7	411.9	411.9	411.9	413.4
4°	410.4	408.9	409.6	409.6	411.1
5°	407.4	406.6	407.4	407.4	408.9
6°	404.4	403.6	404.4	404.4	405.9
7°	400.6	399.9	400.6	401.4	402.9
8°	396.1	395.3	396.1	396.8	399.1
9°	391.6	390.8	392.3	393.1	394.6
10°	385.5	385.5	387.0	387.8	390.1
11°	379.5	379.5	381.0	382.5	384.8
12°	373.5	373.5	375.8	377.3	378.8
13°	367.5	366.7	369.0	370.5	372.7
14°	359.9	359.2	362.2	364.5	366.7
15°	352.4	352.4	355.4	357.7	359.9
17.5°	332.1	332.8	336.6	339.6	341.9
20°	310.2	312.5	316.3	320.0	322.3
22.5°	289.2	290.7	295.9	300.5	302.7
25°	267.3	270.3	274.9	280.1	282.4
27.5°	246.2	249.2	253.8	259.0	262.8
30°	225.9	228.2	234.2	239.5	241.7
32.5°	205.6	208.6	214.6	219.9	222.9
35°	188.3	190.5	196.5	201.8	204.8
37.5°	170.9	173.2	179.2	183.7	186.0
40°	153.6	157.4	161.9	166.4	168.7
42.5°	139.3	142.3	146.8	150.6	152.9
45°	125.8	128.0	132.5	135.5	137.0
47.5°	113.0	115.2	119.7	121.2	122.0
50°	100.9	103.2	106.2	106.9	107.7
52.5°	89.6	91.1	94.1	94.1	93.4
55°	79.1	81.3	83.6	82.8	81.3
57.5°	69.3	70.0	73.8	72.3	70.8
60°	59.5	61.0	64.0	62.5	61.0
62.5°	49.7	51.2	55.0	53.5	51.2
65°	39.9	42.9	46.7	44.4	42.2
67.5°	30.1	33.9	37.7	35.4	33.9
70°	23.3	26.4	29.4	27.1	25.6
72.5°	18.1	19.6	21.1	19.6	18.1
75°	13.6	14.3	14.3	12.8	12.0
77.5°	9.8	10.5	9.0	7.5	7.5
80°	6.0	6.8	6.0	4.5	4.5
82.5°	3.0	3.8	3.0	3.0	3.0
85°	1.5	1.5	1.5	1.5	1.5
87.5°	0.8	0.8	0.8	0.8	0.8



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CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)