

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: P1311409

Luminaire Tested: P3SQAS13R709050DE010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311409
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: P3SQAS13R709050DE010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

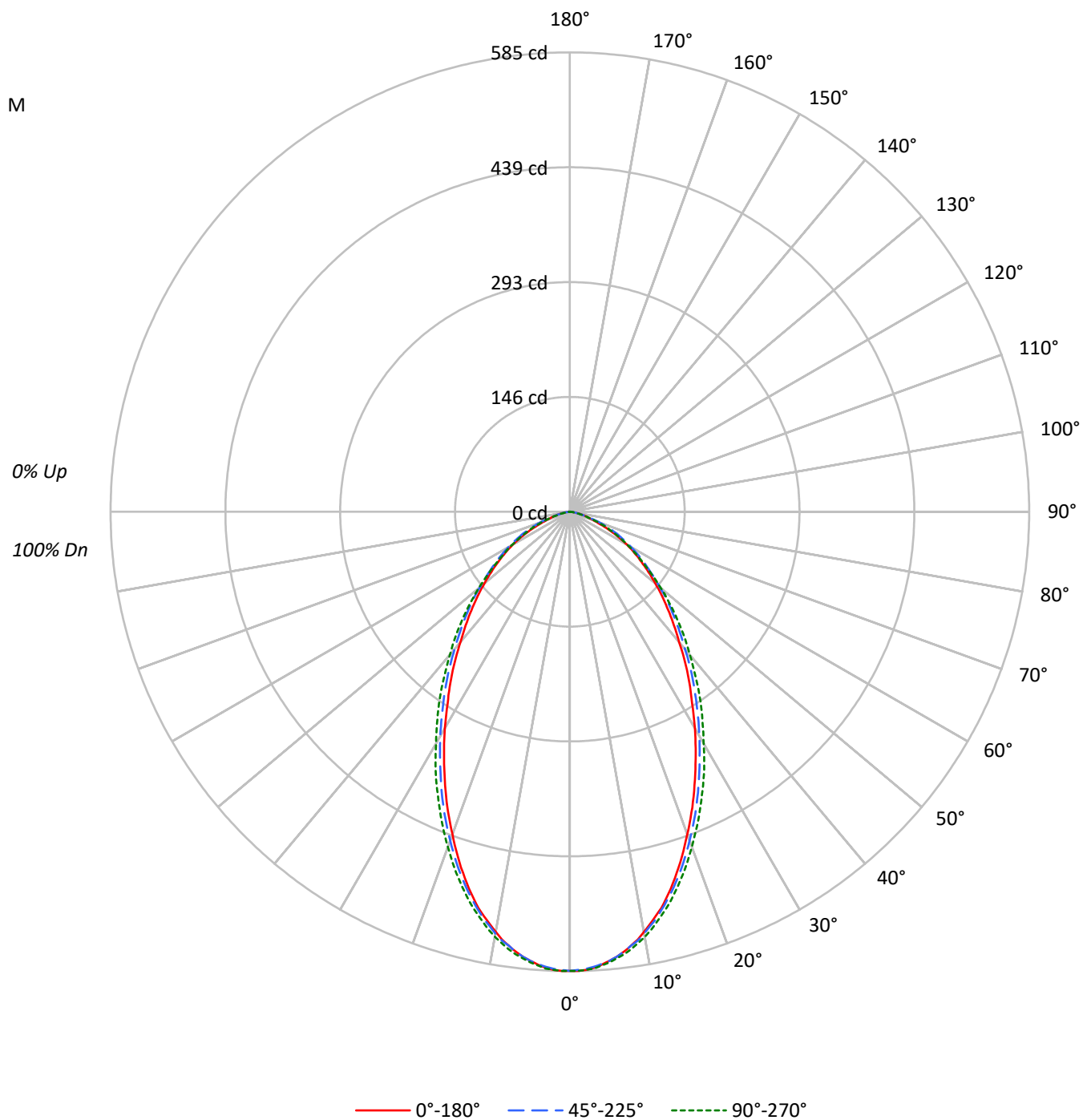
Lumens per Lamp: N/A
Luminaire Lumens: 878.0 lumens
Efficiency: N/A
Efficacy: 60.1 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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°	100699	100699	100699
5°	99251	99251	99614
10°	95029	95397	96131
15°	88561	89309	90451
20°	80128	81686	83244
25°	71583	73597	75631
30°	63319	65626	67754
35°	55778	58238	60698
40°	48674	51304	53440
45°	43159	45497	47031
50°	38100	40082	40672
55°	33449	35371	34410
60°	28865	31069	29622
65°	22902	26814	24206
70°	16567	20847	18178
75°	12709	13441	11312
80°	8430	8430	6347
85°	4150	4150	4150

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 47031 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.9	6.1
10°-20°	140.0	15.9
20°-30°	177.8	20.3
30°-40°	173.0	19.7
40°-50°	143.8	16.4
50°-60°	103.7	11.8
60°-70°	61.0	7.0
70°-80°	21.6	2.5
80°-90°	3.2	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°	371.7	42.3
0°-40°	544.6	62.0
0°-60°	792.2	90.2
0°-90°	878.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	878.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	585	585	585	585	585	
5°	574	573	574	574	576	54
15°	497	497	501	504	507	139
25°	377	381	387	395	398	173
35°	265	268	277	284	289	166
45°	177	180	187	191	193	137
55°	111	115	118	117	115	100
65°	56	60	66	63	59	56
75°	19	20	20	18	17	21
85°	2	2	2	2	2	3
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	584.7	584.7	584.7	584.7	584.7
1°	584.7	583.7	583.7	583.7	584.7
2°	583.7	582.6	582.6	582.6	583.7
3°	581.6	580.5	580.5	580.5	582.6
4°	578.4	576.2	577.3	577.3	579.4
5°	574.1	573.1	574.1	574.1	576.2
6°	569.9	568.8	569.9	569.9	572.0
7°	564.6	563.5	564.6	565.6	567.8
8°	558.2	557.1	558.2	559.3	562.5
9°	551.8	550.8	552.9	554.0	556.1
10°	543.4	543.4	545.5	546.5	549.7
11°	534.9	534.9	537.0	539.1	542.3
12°	526.4	526.4	529.6	531.7	533.8
13°	517.9	516.8	520.0	522.1	525.3
14°	507.3	506.2	510.5	513.6	516.8
15°	496.7	496.7	500.9	504.1	507.3
17.5°	468.0	469.1	474.4	478.6	481.8
20°	437.2	440.4	445.7	451.0	454.2
22.5°	407.5	409.6	417.1	423.4	426.6
25°	376.7	381.0	387.3	394.8	398.0
27.5°	347.0	351.3	357.6	365.1	370.4
30°	318.4	321.6	330.0	337.5	340.7
32.5°	289.7	294.0	302.5	309.9	314.1
35°	265.3	268.5	277.0	284.4	288.7
37.5°	240.9	244.1	252.6	258.9	262.1
40°	216.5	221.8	228.2	234.5	237.7
42.5°	196.3	200.6	206.9	212.2	215.4
45°	177.2	180.4	186.8	191.0	193.1
47.5°	159.2	162.4	168.7	170.9	171.9
50°	142.2	145.4	149.6	150.7	151.8
52.5°	126.3	128.4	132.7	132.7	131.6
55°	111.4	114.6	117.8	116.7	114.6
57.5°	97.6	98.7	104.0	101.9	99.8
60°	83.8	86.0	90.2	88.1	86.0
62.5°	70.0	72.2	77.5	75.3	72.2
65°	56.2	60.5	65.8	62.6	59.4
67.5°	42.4	47.8	53.1	49.9	47.8
70°	32.9	37.1	41.4	38.2	36.1
72.5°	25.5	27.6	29.7	27.6	25.5
75°	19.1	20.2	20.2	18.0	17.0
77.5°	13.8	14.9	12.7	10.6	10.6
80°	8.5	9.6	8.5	6.4	6.4
82.5°	4.2	5.3	4.2	4.2	4.2
85°	2.1	2.1	2.1	2.1	2.1
87.5°	1.1	1.1	1.1	1.1	1.1



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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)