

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: P1313438

Luminaire Tested: P3SQAS13R359730DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313438
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R359730DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

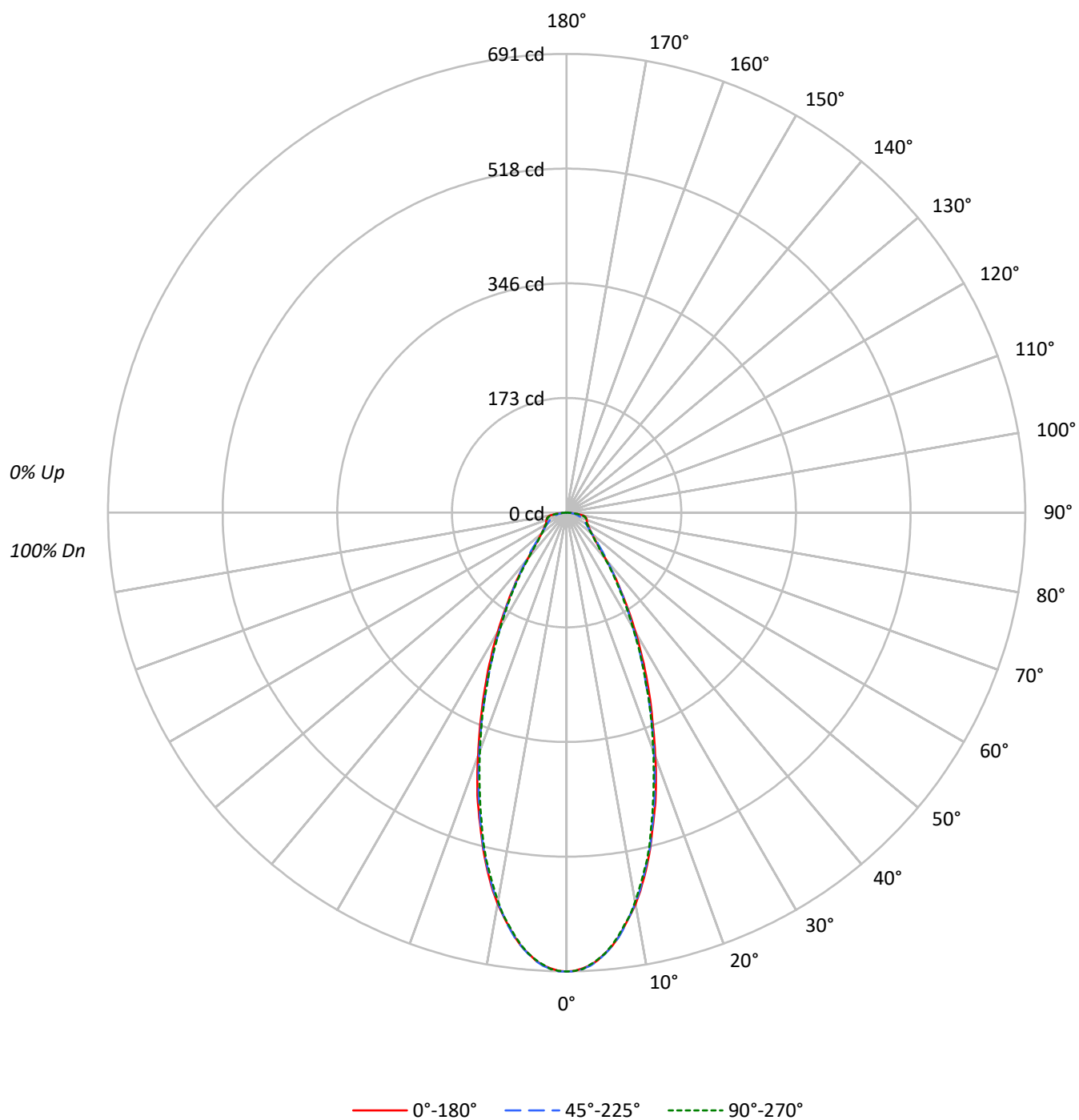
Lumens per Lamp: N/A
Luminaire Lumens: 572.0 lumens
Efficiency: N/A
Efficacy: 39.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	99	96		97	95	93		94
2	104	98	92	88	101	96	91	87	92	88	85		89	86	83		86
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	69	64	73	68	63		72	67	63		70
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	60	55	76	66	59	54	64	58	54		63	58	54		62
8	73	62	56	51	72	62	55	51	61	55	51		60	54	50		59
9	70	59	52	48	68	58	52	48	57	52	47		56	51	47		55
10	66	56	49	45	65	55	49	45	54	49	45		53	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	119058	119058	119058
5°	115156	115311	115156
10°	104613	104455	104001
15°	88792	88489	87723
20°	71496	70543	69901
25°	55260	53607	53607
30°	41205	39833	39475
35°	29666	29287	28551
40°	20751	21335	19964
45°	15490	16318	15052
50°	13289	13289	13075
55°	12551	12040	12281
60°	12882	11711	12297
65°	13855	11696	13489
70°	16214	12287	15761
75°	20295	12776	19696
80°	25886	13786	23307
85°	20551	13832	20551

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 25886 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.4	10.7
10°-20°	137.0	24.0
20°-30°	130.9	22.9
30°-40°	87.9	15.4
40°-50°	51.6	9.0
50°-60°	36.9	6.5
60°-70°	30.7	5.4
70°-80°	25.2	4.4
80°-90°	10.4	1.8
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°	329.3	57.6
0°-40°	417.2	72.9
0°-60°	505.7	88.4
0°-90°	572.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	572.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	691	691	691	691	691	
5°	666	668	667	666	666	61
15°	498	499	496	493	492	138
25°	291	287	282	282	282	133
35°	141	141	139	137	136	89
45°	64	65	67	64	62	51
55°	42	41	40	40	41	38
65°	34	30	29	30	33	34
75°	30	24	19	24	30	32
85°	10	11	7	11	10	12
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	691.3	691.3	691.3	691.3	691.3
1°	690.5	691.3	691.3	690.5	690.5
2°	687.0	688.7	687.9	687.0	687.9
3°	682.6	684.4	683.5	682.6	681.8
4°	675.7	677.4	676.5	674.8	674.8
5°	666.1	667.8	667.0	666.1	666.1
6°	656.5	658.3	656.5	654.8	654.8
7°	643.5	646.1	644.3	642.6	641.7
8°	628.7	631.3	629.5	628.7	626.9
9°	613.9	615.6	613.0	613.0	613.0
10°	598.2	599.1	597.3	594.7	594.7
11°	580.8	579.9	579.0	577.3	575.5
12°	561.6	561.6	559.0	557.3	556.4
13°	541.6	540.7	539.0	537.2	537.2
14°	520.7	520.7	518.9	515.5	516.3
15°	498.0	498.9	496.3	492.8	492.0
17.5°	446.7	444.9	440.6	438.0	435.4
20°	390.1	389.2	384.9	382.2	381.4
22.5°	337.8	337.0	332.6	330.0	331.7
25°	290.8	287.3	282.1	282.1	282.1
27.5°	247.3	242.9	239.4	237.7	239.4
30°	207.2	203.7	200.3	199.4	198.5
32.5°	171.5	169.8	168.0	165.4	165.4
35°	141.1	141.1	139.3	136.7	135.8
37.5°	114.9	115.8	114.9	112.3	111.5
40°	92.3	94.0	94.9	92.3	88.8
42.5°	75.8	78.4	80.1	75.8	73.1
45°	63.6	65.3	67.0	63.6	61.8
47.5°	55.7	56.6	57.5	54.9	54.0
50°	49.6	49.6	49.6	48.8	48.8
52.5°	45.3	45.3	44.4	43.5	43.5
55°	41.8	40.9	40.1	40.1	40.9
57.5°	39.2	38.3	36.6	37.4	38.3
60°	37.4	35.7	34.0	34.8	35.7
62.5°	34.8	33.1	31.3	32.2	34.0
65°	34.0	30.5	28.7	30.5	33.1
67.5°	33.1	28.7	26.1	28.7	32.2
70°	32.2	27.0	24.4	27.0	31.3
72.5°	31.3	25.3	21.8	25.3	30.5
75°	30.5	23.5	19.2	23.5	29.6
77.5°	28.7	21.8	16.5	21.8	27.0
80°	26.1	20.0	13.9	19.2	23.5
82.5°	19.2	16.5	11.3	16.5	17.4
85°	10.4	11.3	7.0	11.3	10.4
87.5°	0.9	1.7	1.7	5.2	3.5



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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)