

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: P1313549

Luminaire Tested: P3SQAS17R259730DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313549
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R259730DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

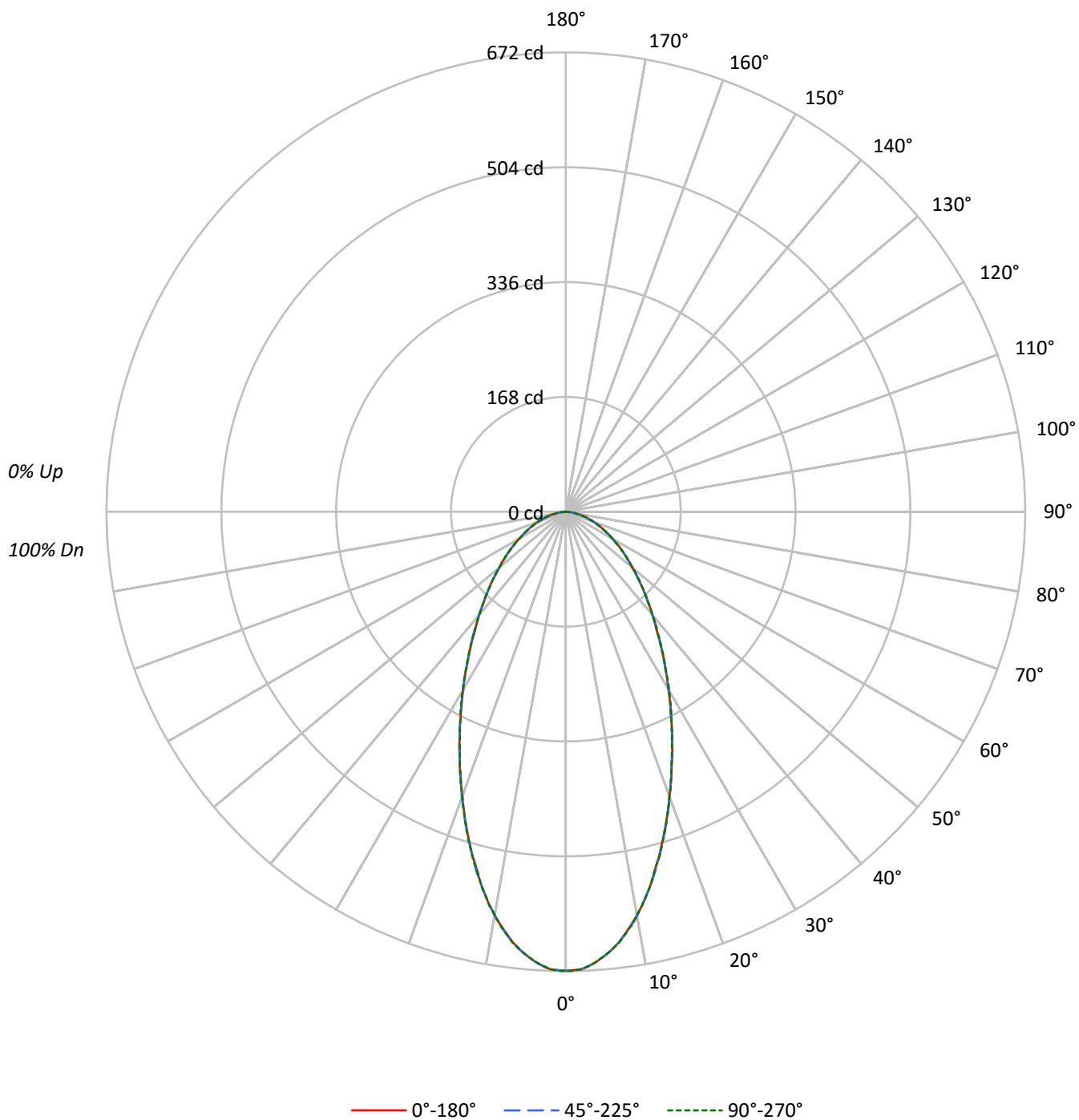
Lumens per Lamp: N/A
Luminaire Lumens: 841.1 lumens
Efficiency: N/A
Efficacy: 39.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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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	100	108	105	102	99	101	98	96		97	95	93		93
2	103	96	90	86	100	94	89	85	91	86	83		88	84	81		85
3	95	87	80	74	93	85	79	74	82	77	72		80	75	71		77
4	89	79	71	65	87	77	70	65	75	69	64		73	68	63		71
5	83	72	64	58	81	71	63	58	69	62	58		67	61	57		65
6	77	66	58	53	76	65	58	52	63	57	52		62	56	52		60
7	73	61	53	48	71	60	53	48	59	52	47		57	51	47		56
8	68	56	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	42	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	115682	115682	115682
5°	112735	112735	112735
10°	104753	104963	104753
15°	93428	93642	93642
20°	81228	81448	81228
25°	69968	69740	69740
30°	59680	59898	60137
35°	51195	51195	51447
40°	44380	44380	44380
45°	38799	38799	38799
50°	34027	34027	34322
55°	30507	30507	30507
60°	27039	27039	27039
65°	24451	24451	24451
70°	22106	21501	22106
75°	19963	19231	19231
80°	16067	16067	16067
85°	11461	11461	11461

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38799 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.6	7.2
10°-20°	146.2	17.4
20°-30°	169.0	20.1
30°-40°	153.2	18.2
40°-50°	123.5	14.7
50°-60°	90.9	10.8
60°-70°	59.8	7.1
70°-80°	30.9	3.7
80°-90°	7.0	0.8
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°	375.8	44.7
0°-40°	528.9	62.9
0°-60°	743.3	88.4
0°-90°	841.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	841.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	672	672	672	672	672	
5°	652	654	652	652	652	61
15°	524	525	525	524	525	146
25°	368	367	367	368	367	169
35°	244	244	244	244	245	153
45°	159	159	159	159	159	123
55°	102	102	102	100	102	91
65°	60	60	60	60	60	60
75°	30	29	29	29	29	31
85°	6	6	6	6	6	7
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	671.7	671.7	671.7	671.7	671.7
1°	670.6	672.9	670.6	670.6	671.7
2°	669.4	670.6	669.4	669.4	669.4
3°	664.8	667.1	664.8	664.8	664.8
4°	659.0	661.4	659.0	659.0	659.0
5°	652.1	654.4	652.1	652.1	652.1
6°	644.0	645.2	644.0	644.0	644.0
7°	634.8	636.0	634.8	634.8	636.0
8°	623.3	624.4	624.4	623.3	623.3
9°	611.7	612.9	612.9	611.7	612.9
10°	599.0	600.2	600.2	599.0	599.0
11°	586.3	587.5	585.2	585.2	586.3
12°	571.3	572.5	571.3	571.3	571.3
13°	556.3	556.3	556.3	556.3	556.3
14°	539.0	541.3	541.3	540.2	539.0
15°	524.0	525.2	525.2	524.0	525.2
17.5°	483.6	485.9	484.8	484.8	484.8
20°	443.2	444.4	444.4	443.2	443.2
22.5°	405.1	404.0	404.0	404.0	404.0
25°	368.2	367.0	367.0	368.2	367.0
27.5°	332.4	333.6	333.6	332.4	333.6
30°	300.1	300.1	301.2	300.1	302.4
32.5°	271.2	271.2	270.1	271.2	271.2
35°	243.5	243.5	243.5	243.5	244.7
37.5°	218.1	219.3	220.5	220.5	219.3
40°	197.4	197.4	197.4	197.4	197.4
42.5°	176.6	176.6	177.7	177.7	177.7
45°	159.3	159.3	159.3	159.3	159.3
47.5°	143.1	143.1	142.0	142.0	143.1
50°	127.0	128.1	127.0	127.0	128.1
52.5°	114.3	113.1	113.1	114.3	114.3
55°	101.6	101.6	101.6	100.4	101.6
57.5°	90.0	90.0	88.9	88.9	88.9
60°	78.5	78.5	78.5	78.5	78.5
62.5°	69.3	69.3	69.3	69.3	69.3
65°	60.0	60.0	60.0	60.0	60.0
67.5°	51.9	51.9	51.9	51.9	50.8
70°	43.9	43.9	42.7	42.7	43.9
72.5°	35.8	35.8	35.8	35.8	35.8
75°	30.0	28.9	28.9	28.9	28.9
77.5°	23.1	23.1	21.9	23.1	21.9
80°	16.2	16.2	16.2	16.2	16.2
82.5°	11.5	10.4	10.4	10.4	10.4
85°	5.8	5.8	5.8	5.8	5.8
87.5°	1.2	1.2	1.2	1.2	2.3



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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)