

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: P1310876

Luminaire Tested: P3SQAS02R359050DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310876
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R359050DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

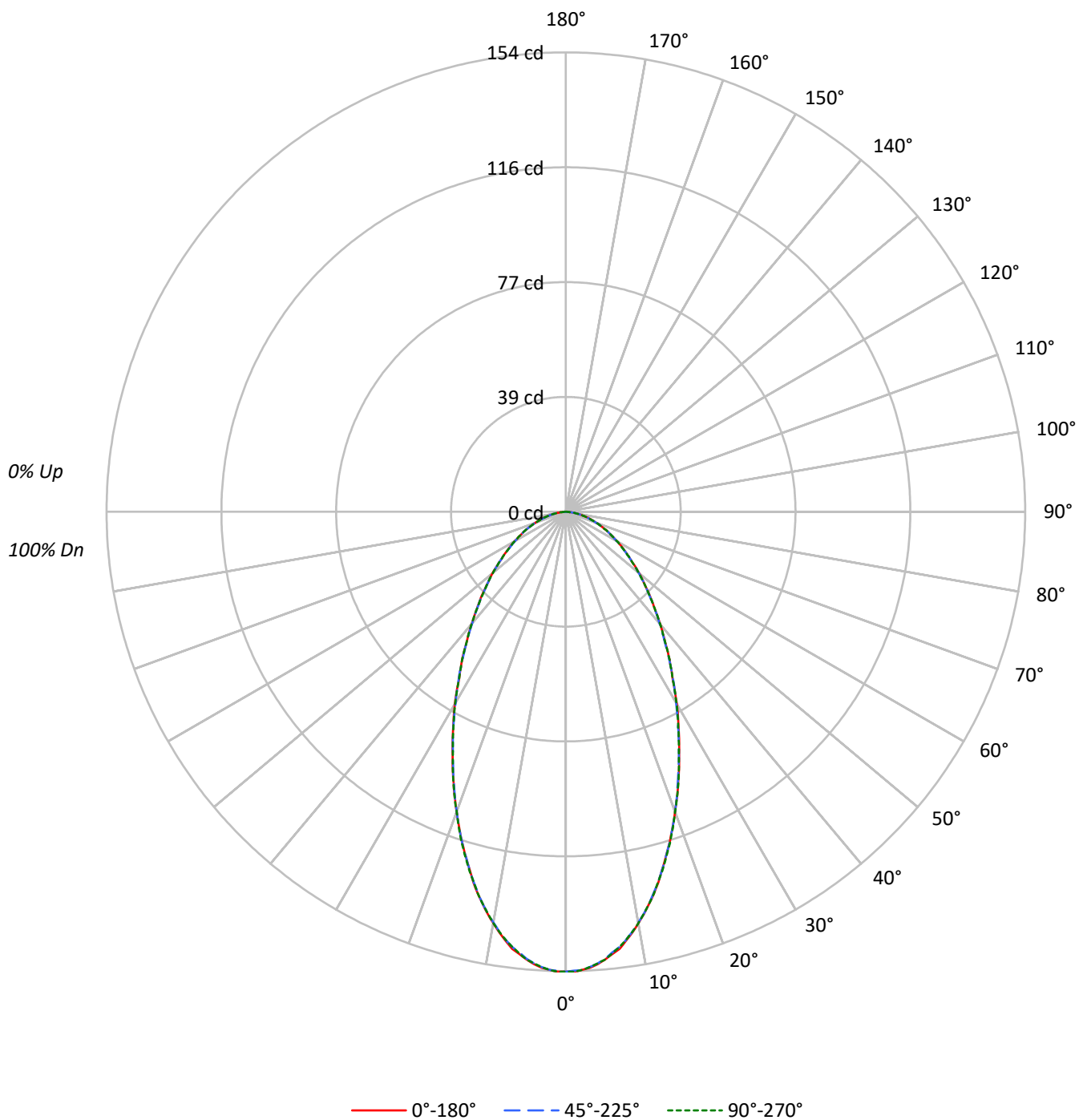
Lumens per Lamp: N/A
Luminaire Lumens: 206.0 lumens
Efficiency: N/A
Efficacy: 57.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	103	100	108	105	101	99	100	98	95		97	95	93		93
2	103	96	90	85	100	94	89	84	90	86	82		87	84	81		84
3	95	86	79	74	93	85	78	73	82	76	72		79	75	71		77
4	88	78	71	65	86	77	70	65	75	68	64		72	67	63		70
5	82	71	64	58	80	70	63	58	68	62	57		66	61	56		65
6	77	65	58	52	75	65	57	52	63	56	51		61	55	51		60
7	72	60	53	47	71	60	52	47	58	52	47		57	51	46		55
8	68	56	48	43	66	55	48	43	54	47	43		53	47	43		52
9	64	52	45	40	63	51	44	40	50	44	39		49	44	39		48
10	60	49	42	37	59	48	41	37	47	41	37		46	41	36		45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	26557	26557	26557
5°	26053	26019	26053
10°	24501	24448	24501
15°	22180	22180	22234
20°	19629	19629	19629
25°	17083	17026	17026
30°	14796	14696	14756
35°	12741	12699	12741
40°	11061	10994	11061
45°	9718	9645	9645
50°	8627	8547	8547
55°	7597	7597	7597
60°	6854	6786	6854
65°	6194	6194	6194
70°	5489	5489	5489
75°	4924	4791	4924
80°	4265	4265	4265
85°	2569	2569	2569

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9718 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.0	6.8
10°-20°	34.7	16.8
20°-30°	41.2	20.0
30°-40°	37.9	18.4
40°-50°	30.8	14.9
50°-60°	22.8	11.0
60°-70°	15.1	7.3
70°-80°	7.8	3.8
80°-90°	1.8	0.9
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°	90.0	43.7
0°-40°	127.9	62.1
0°-60°	181.4	88.1
0°-90°	206.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	206.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	154	154	154	154	154	
5°	151	150	150	150	151	14
15°	124	124	124	124	125	35
25°	90	90	90	90	90	41
35°	61	60	60	61	61	38
45°	40	40	40	40	40	31
55°	25	25	25	25	25	23
65°	15	15	15	15	15	15
75°	7	7	7	7	7	8
85°	1	1	1	1	1	2
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	154.2	154.2	154.2	154.2	154.2
1°	154.2	153.9	153.9	153.9	154.2
2°	153.7	153.7	153.7	153.7	153.7
3°	153.1	152.9	152.9	152.9	152.9
4°	152.1	151.8	151.8	151.8	151.8
5°	150.7	150.5	150.5	150.5	150.7
6°	149.1	148.9	148.6	148.6	148.9
7°	147.6	147.0	147.0	147.0	147.0
8°	145.2	144.9	144.9	144.9	144.9
9°	142.8	142.2	142.5	142.5	142.5
10°	140.1	139.8	139.8	139.8	140.1
11°	137.4	137.2	137.2	136.9	137.2
12°	134.3	134.3	134.3	134.3	134.3
13°	131.3	131.1	131.1	131.1	131.3
14°	128.1	127.9	127.9	127.9	127.9
15°	124.4	124.4	124.4	124.4	124.7
17.5°	115.9	115.6	115.9	115.9	116.2
20°	107.1	106.9	107.1	107.1	107.1
22.5°	98.4	98.4	98.1	98.4	98.6
25°	89.9	89.6	89.6	89.9	89.6
27.5°	81.9	81.6	81.6	81.6	81.6
30°	74.4	73.9	73.9	74.2	74.2
32.5°	66.7	66.7	67.0	66.7	66.7
35°	60.6	60.4	60.4	60.6	60.6
37.5°	54.5	54.2	54.2	54.5	54.5
40°	49.2	49.2	48.9	49.2	49.2
42.5°	44.1	44.1	44.1	44.1	44.1
45°	39.9	39.6	39.6	39.6	39.6
47.5°	35.6	35.6	35.6	35.4	35.6
50°	32.2	31.9	31.9	31.9	31.9
52.5°	28.4	28.4	28.4	28.4	28.4
55°	25.3	25.3	25.3	25.3	25.3
57.5°	22.6	22.3	22.3	22.3	22.3
60°	19.9	19.9	19.7	19.9	19.9
62.5°	17.3	17.3	17.3	17.3	17.3
65°	15.2	15.2	15.2	15.2	15.2
67.5°	13.0	13.0	13.0	13.0	13.0
70°	10.9	10.9	10.9	10.9	10.9
72.5°	9.3	9.0	9.0	9.0	9.0
75°	7.4	7.4	7.2	7.4	7.4
77.5°	5.6	5.6	5.6	5.6	5.6
80°	4.3	4.3	4.3	4.0	4.3
82.5°	2.7	2.7	2.7	2.7	2.7
85°	1.3	1.3	1.3	1.3	1.3
87.5°	0.3	0.3	0.3	0.5	0.5



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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)