

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: P1317548

Luminaire Tested: P3SQAS02R259835DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317548
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: P3SQAS02R259835DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

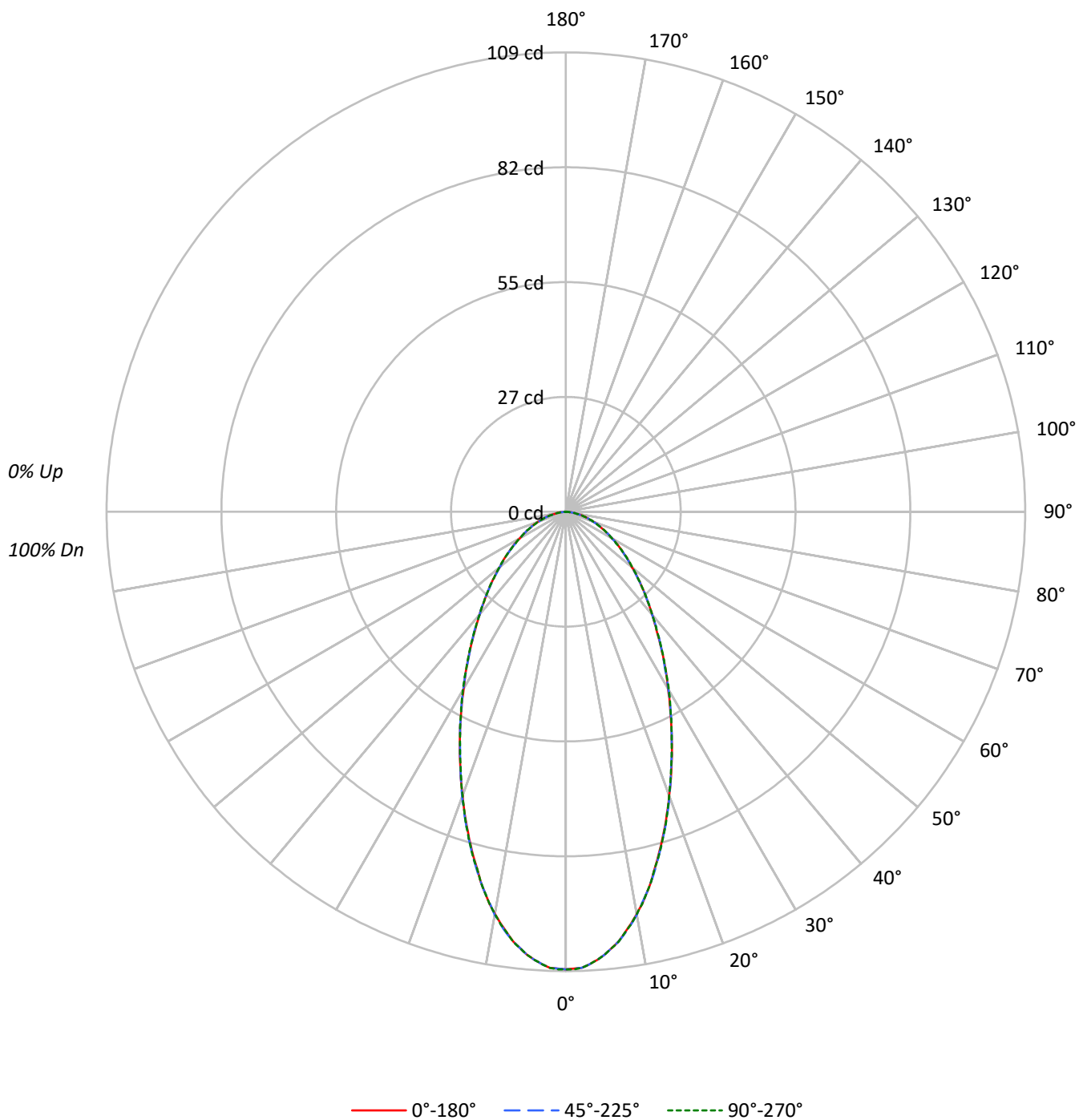
Lumens per Lamp: N/A
Luminaire Lumens: 136.0 lumens
Efficiency: N/A
Efficacy: 37.8 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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	64	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°	18703	18703	18703
5°	18239	18239	18239
10°	16946	16981	16946
15°	15102	15138	15138
20°	13141	13178	13141
25°	11307	11288	11288
30°	9645	9685	9725
35°	8284	8284	8326
40°	7172	7172	7172
45°	6284	6284	6284
50°	5493	5493	5546
55°	4924	4924	4924
60°	4374	4374	4374
65°	3953	3953	3953
70°	3575	3474	3575
75°	3261	3127	3127
80°	2579	2579	2579
85°	1778	1778	1778

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6284 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.8	7.2
10°-20°	23.6	17.4
20°-30°	27.3	20.1
30°-40°	24.8	18.2
40°-50°	20.0	14.7
50°-60°	14.7	10.8
60°-70°	9.7	7.1
70°-80°	5.0	3.7
80°-90°	1.1	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°	60.8	44.7
0°-40°	85.5	62.9
0°-60°	120.2	88.4
0°-90°	136.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	136.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	109	109	109	109	109	
5°	106	106	106	106	106	10
15°	85	85	85	85	85	24
25°	60	59	59	60	59	27
35°	39	39	39	39	40	25
45°	26	26	26	26	26	20
55°	16	16	16	16	16	15
65°	10	10	10	10	10	10
75°	5	5	5	5	5	5
85°	1	1	1	1	1	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	108.6	108.6	108.6	108.6	108.6
1°	108.4	108.8	108.4	108.4	108.6
2°	108.3	108.4	108.3	108.3	108.3
3°	107.5	107.9	107.5	107.5	107.5
4°	106.6	106.9	106.6	106.6	106.6
5°	105.5	105.8	105.5	105.5	105.5
6°	104.1	104.3	104.1	104.1	104.1
7°	102.7	102.8	102.7	102.7	102.8
8°	100.8	101.0	101.0	100.8	100.8
9°	98.9	99.1	99.1	98.9	99.1
10°	96.9	97.1	97.1	96.9	96.9
11°	94.8	95.0	94.6	94.6	94.8
12°	92.4	92.6	92.4	92.4	92.4
13°	90.0	90.0	90.0	90.0	90.0
14°	87.2	87.5	87.5	87.4	87.2
15°	84.7	84.9	84.9	84.7	84.9
17.5°	78.2	78.6	78.4	78.4	78.4
20°	71.7	71.9	71.9	71.7	71.7
22.5°	65.5	65.3	65.3	65.3	65.3
25°	59.5	59.4	59.4	59.5	59.4
27.5°	53.8	53.9	53.9	53.8	53.9
30°	48.5	48.5	48.7	48.5	48.9
32.5°	43.9	43.9	43.7	43.9	43.9
35°	39.4	39.4	39.4	39.4	39.6
37.5°	35.3	35.5	35.6	35.6	35.5
40°	31.9	31.9	31.9	31.9	31.9
42.5°	28.6	28.6	28.7	28.7	28.7
45°	25.8	25.8	25.8	25.8	25.8
47.5°	23.1	23.1	23.0	23.0	23.1
50°	20.5	20.7	20.5	20.5	20.7
52.5°	18.5	18.3	18.3	18.5	18.5
55°	16.4	16.4	16.4	16.2	16.4
57.5°	14.6	14.6	14.4	14.4	14.4
60°	12.7	12.7	12.7	12.7	12.7
62.5°	11.2	11.2	11.2	11.2	11.2
65°	9.7	9.7	9.7	9.7	9.7
67.5°	8.4	8.4	8.4	8.4	8.2
70°	7.1	7.1	6.9	6.9	7.1
72.5°	5.8	5.8	5.8	5.8	5.8
75°	4.9	4.7	4.7	4.7	4.7
77.5°	3.7	3.7	3.5	3.7	3.5
80°	2.6	2.6	2.6	2.6	2.6
82.5°	1.9	1.7	1.7	1.7	1.7
85°	0.9	0.9	0.9	0.9	0.9
87.5°	0.2	0.2	0.2	0.2	0.4



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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)