

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: P1309743

Luminaire Tested: P3SQAS02R259040DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309743
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: P3SQAS02R259040DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

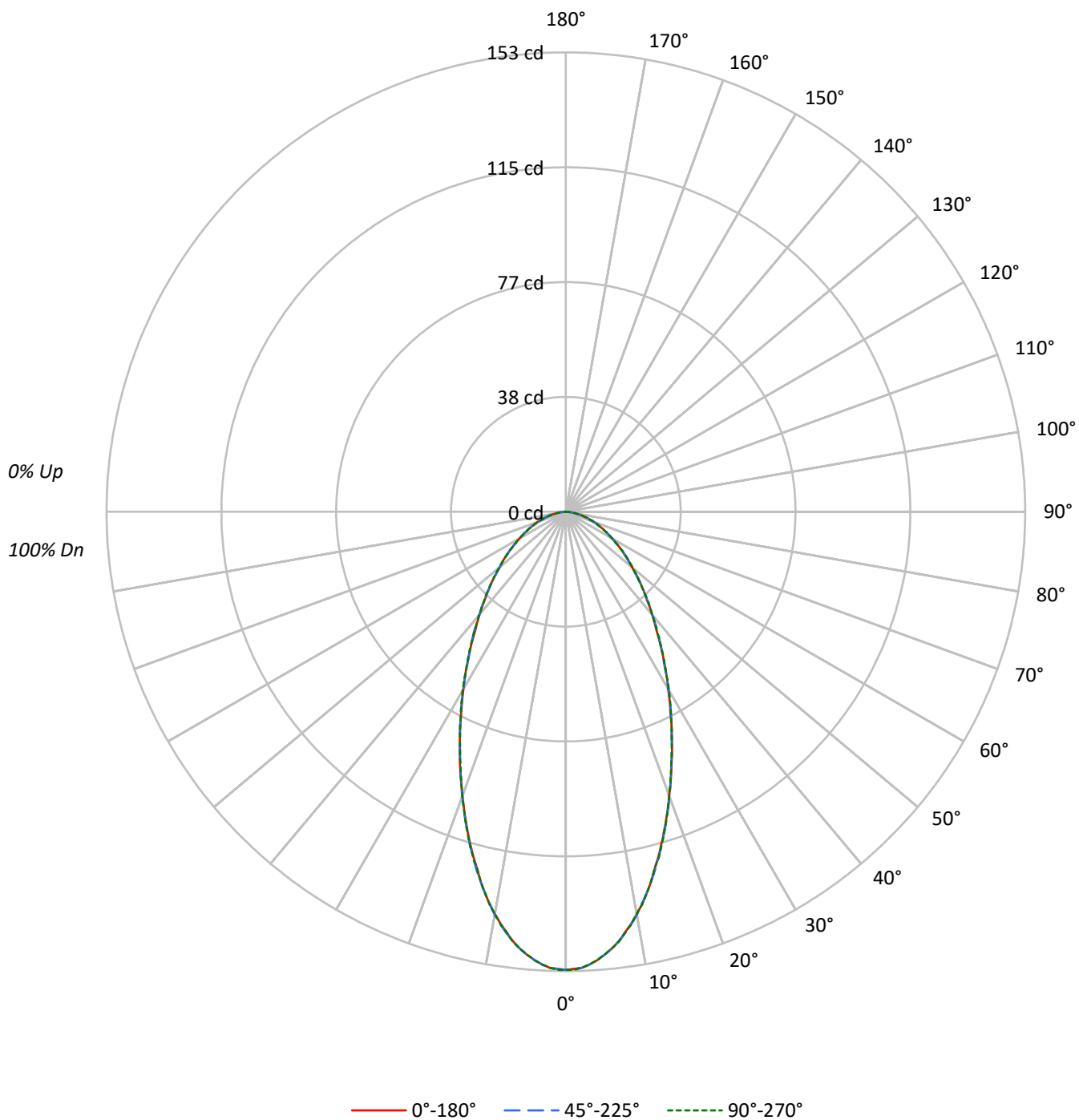
Lumens per Lamp: N/A
Luminaire Lumens: 191.0 lumens
Efficiency: N/A
Efficacy: 53.1 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	103	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°	26281	26281	26281
5°	25604	25604	25604
10°	23784	23836	23784
15°	21217	21271	21271
20°	18456	18492	18456
25°	15886	15848	15848
30°	13563	13602	13662
35°	11627	11627	11690
40°	10072	10072	10072
45°	8817	8817	8817
50°	7716	7716	7797
55°	6936	6936	6936
60°	6131	6131	6131
65°	5542	5542	5542
70°	5035	4884	5035
75°	4525	4392	4392
80°	3670	3670	3670
85°	2569	2569	2569

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8817 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.8	7.2
10°-20°	33.2	17.4
20°-30°	38.4	20.1
30°-40°	34.8	18.2
40°-50°	28.0	14.7
50°-60°	20.7	10.8
60°-70°	13.6	7.1
70°-80°	7.0	3.7
80°-90°	1.6	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°	85.3	44.7
0°-40°	120.1	62.9
0°-60°	168.8	88.4
0°-90°	191.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	191.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	153	153	153	153	153	
5°	148	149	148	148	148	14
15°	119	119	119	119	119	33
25°	84	83	83	84	83	38
35°	55	55	55	55	56	35
45°	36	36	36	36	36	28
55°	23	23	23	23	23	21
65°	14	14	14	14	14	14
75°	7	7	7	7	7	7
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°	152.6	152.6	152.6	152.6	152.6
1°	152.3	152.8	152.3	152.3	152.6
2°	152.0	152.3	152.0	152.0	152.0
3°	151.0	151.5	151.0	151.0	151.0
4°	149.7	150.2	149.7	149.7	149.7
5°	148.1	148.6	148.1	148.1	148.1
6°	146.3	146.5	146.3	146.3	146.3
7°	144.2	144.4	144.2	144.2	144.4
8°	141.5	141.8	141.8	141.5	141.5
9°	138.9	139.2	139.2	138.9	139.2
10°	136.0	136.3	136.3	136.0	136.0
11°	133.2	133.4	132.9	132.9	133.2
12°	129.8	130.0	129.8	129.8	129.8
13°	126.3	126.3	126.3	126.3	126.3
14°	122.4	122.9	122.9	122.7	122.4
15°	119.0	119.3	119.3	119.0	119.3
17.5°	109.8	110.4	110.1	110.1	110.1
20°	100.7	100.9	100.9	100.7	100.7
22.5°	92.0	91.7	91.7	91.7	91.7
25°	83.6	83.4	83.4	83.6	83.4
27.5°	75.5	75.8	75.8	75.5	75.8
30°	68.2	68.2	68.4	68.2	68.7
32.5°	61.6	61.6	61.3	61.6	61.6
35°	55.3	55.3	55.3	55.3	55.6
37.5°	49.5	49.8	50.1	50.1	49.8
40°	44.8	44.8	44.8	44.8	44.8
42.5°	40.1	40.1	40.4	40.4	40.4
45°	36.2	36.2	36.2	36.2	36.2
47.5°	32.5	32.5	32.2	32.2	32.5
50°	28.8	29.1	28.8	28.8	29.1
52.5°	26.0	25.7	25.7	26.0	26.0
55°	23.1	23.1	23.1	22.8	23.1
57.5°	20.4	20.4	20.2	20.2	20.2
60°	17.8	17.8	17.8	17.8	17.8
62.5°	15.7	15.7	15.7	15.7	15.7
65°	13.6	13.6	13.6	13.6	13.6
67.5°	11.8	11.8	11.8	11.8	11.5
70°	10.0	10.0	9.7	9.7	10.0
72.5°	8.1	8.1	8.1	8.1	8.1
75°	6.8	6.6	6.6	6.6	6.6
77.5°	5.2	5.2	5.0	5.2	5.0
80°	3.7	3.7	3.7	3.7	3.7
82.5°	2.6	2.4	2.4	2.4	2.4
85°	1.3	1.3	1.3	1.3	1.3
87.5°	0.3	0.3	0.3	0.3	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)