

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: P1310236

Luminaire Tested: P3SQAS13R259040DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310236
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: P3SQAS13R259040DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

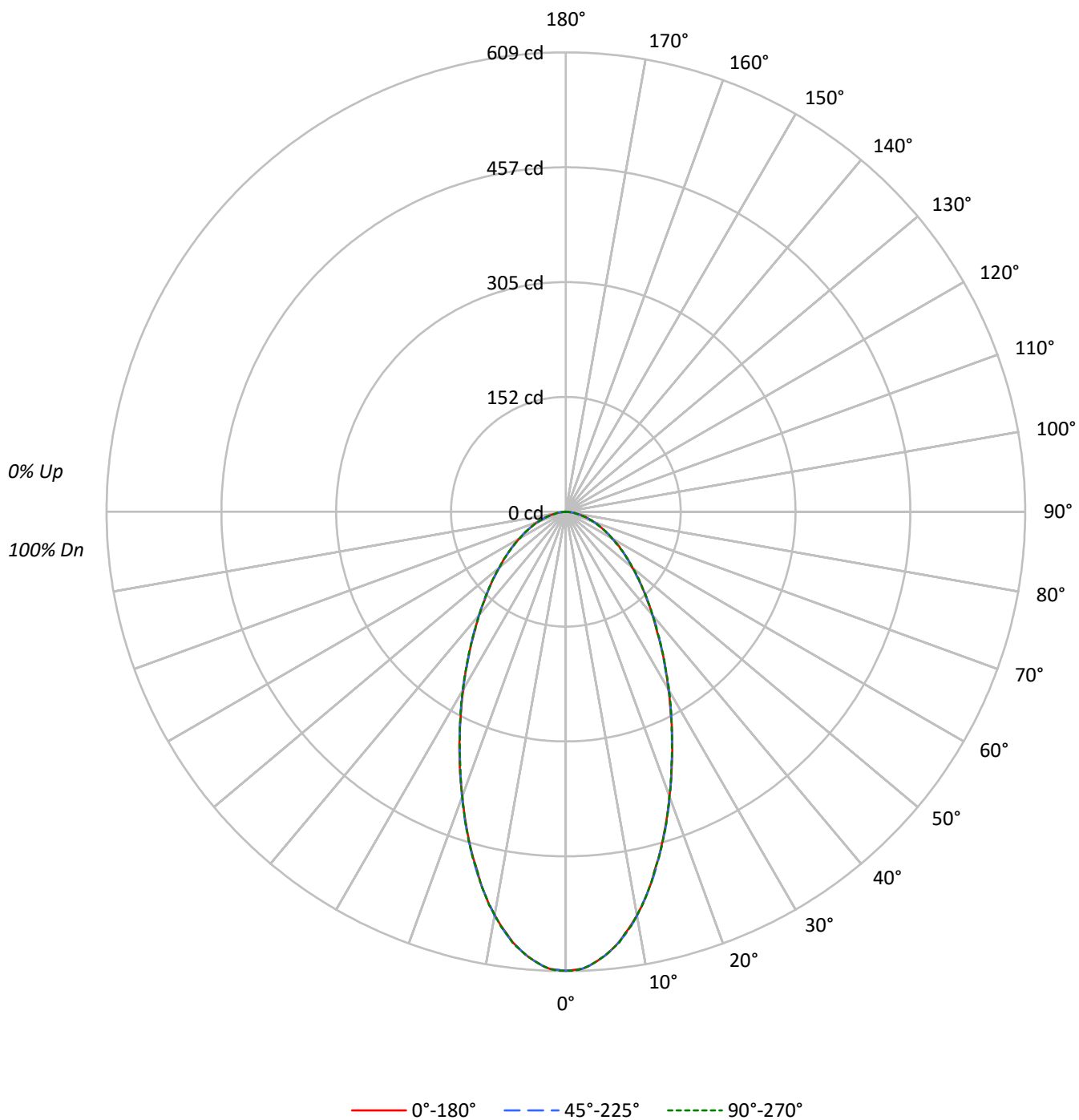
Lumens per Lamp: N/A
Luminaire Lumens: 761.9 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	104815	104815	104815
5°	102155	102155	102155
10°	94925	95099	94925
15°	84656	84834	84834
20°	73603	73787	73603
25°	63393	63203	63203
30°	54072	54270	54489
35°	46401	46401	46611
40°	40198	40198	40198
45°	35146	35146	35146
50°	30812	30812	31107
55°	27624	27624	27624
60°	24490	24490	24490
65°	22169	22169	22169
70°	19991	19487	19991
75°	18099	17367	17367
80°	14480	14480	14480
85°	10275	10275	10275

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35146 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.9	7.2
10°-20°	132.5	17.4
20°-30°	153.1	20.1
30°-40°	138.8	18.2
40°-50°	111.9	14.7
50°-60°	82.4	10.8
60°-70°	54.2	7.1
70°-80°	28.0	3.7
80°-90°	6.3	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°	340.5	44.7
0°-40°	479.3	62.9
0°-60°	673.5	88.4
0°-90°	761.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	761.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	609	609	609	609	609	
5°	591	593	591	591	591	55
15°	475	476	476	475	476	132
25°	334	333	333	334	333	153
35°	221	221	221	221	222	139
45°	144	144	144	144	144	112
55°	92	92	92	91	92	83
65°	54	54	54	54	54	54
75°	27	26	26	26	26	28
85°	5	5	5	5	5	7
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	608.6	608.6	608.6	608.6	608.6
1°	607.6	609.7	607.6	607.6	608.6
2°	606.5	607.6	606.5	606.5	606.5
3°	602.4	604.5	602.4	602.4	602.4
4°	597.1	599.2	597.1	597.1	597.1
5°	590.9	593.0	590.9	590.9	590.9
6°	583.5	584.6	583.5	583.5	583.5
7°	575.2	576.2	575.2	575.2	576.2
8°	564.7	565.8	565.8	564.7	564.7
9°	554.3	555.3	555.3	554.3	555.3
10°	542.8	543.8	543.8	542.8	542.8
11°	531.3	532.3	530.2	530.2	531.3
12°	517.7	518.7	517.7	517.7	517.7
13°	504.1	504.1	504.1	504.1	504.1
14°	488.4	490.5	490.5	489.4	488.4
15°	474.8	475.8	475.8	474.8	475.8
17.5°	438.2	440.3	439.2	439.2	439.2
20°	401.6	402.6	402.6	401.6	401.6
22.5°	367.1	366.0	366.0	366.0	366.0
25°	333.6	332.6	332.6	333.6	332.6
27.5°	301.2	302.2	302.2	301.2	302.2
30°	271.9	271.9	272.9	271.9	274.0
32.5°	245.8	245.8	244.7	245.8	245.8
35°	220.7	220.7	220.7	220.7	221.7
37.5°	197.7	198.7	199.7	199.7	198.7
40°	178.8	178.8	178.8	178.8	178.8
42.5°	160.0	160.0	161.0	161.0	161.0
45°	144.3	144.3	144.3	144.3	144.3
47.5°	129.7	129.7	128.6	128.6	129.7
50°	115.0	116.1	115.0	115.0	116.1
52.5°	103.5	102.5	102.5	103.5	103.5
55°	92.0	92.0	92.0	91.0	92.0
57.5°	81.6	81.6	80.5	80.5	80.5
60°	71.1	71.1	71.1	71.1	71.1
62.5°	62.7	62.7	62.7	62.7	62.7
65°	54.4	54.4	54.4	54.4	54.4
67.5°	47.1	47.1	47.1	47.1	46.0
70°	39.7	39.7	38.7	38.7	39.7
72.5°	32.4	32.4	32.4	32.4	32.4
75°	27.2	26.1	26.1	26.1	26.1
77.5°	20.9	20.9	19.9	20.9	19.9
80°	14.6	14.6	14.6	14.6	14.6
82.5°	10.5	9.4	9.4	9.4	9.4
85°	5.2	5.2	5.2	5.2	5.2
87.5°	1.0	1.0	1.0	1.0	2.1



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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)