

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: P1313112

Luminaire Tested: P3SQAS05R359730DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313112
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: P3SQAS05R359730DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

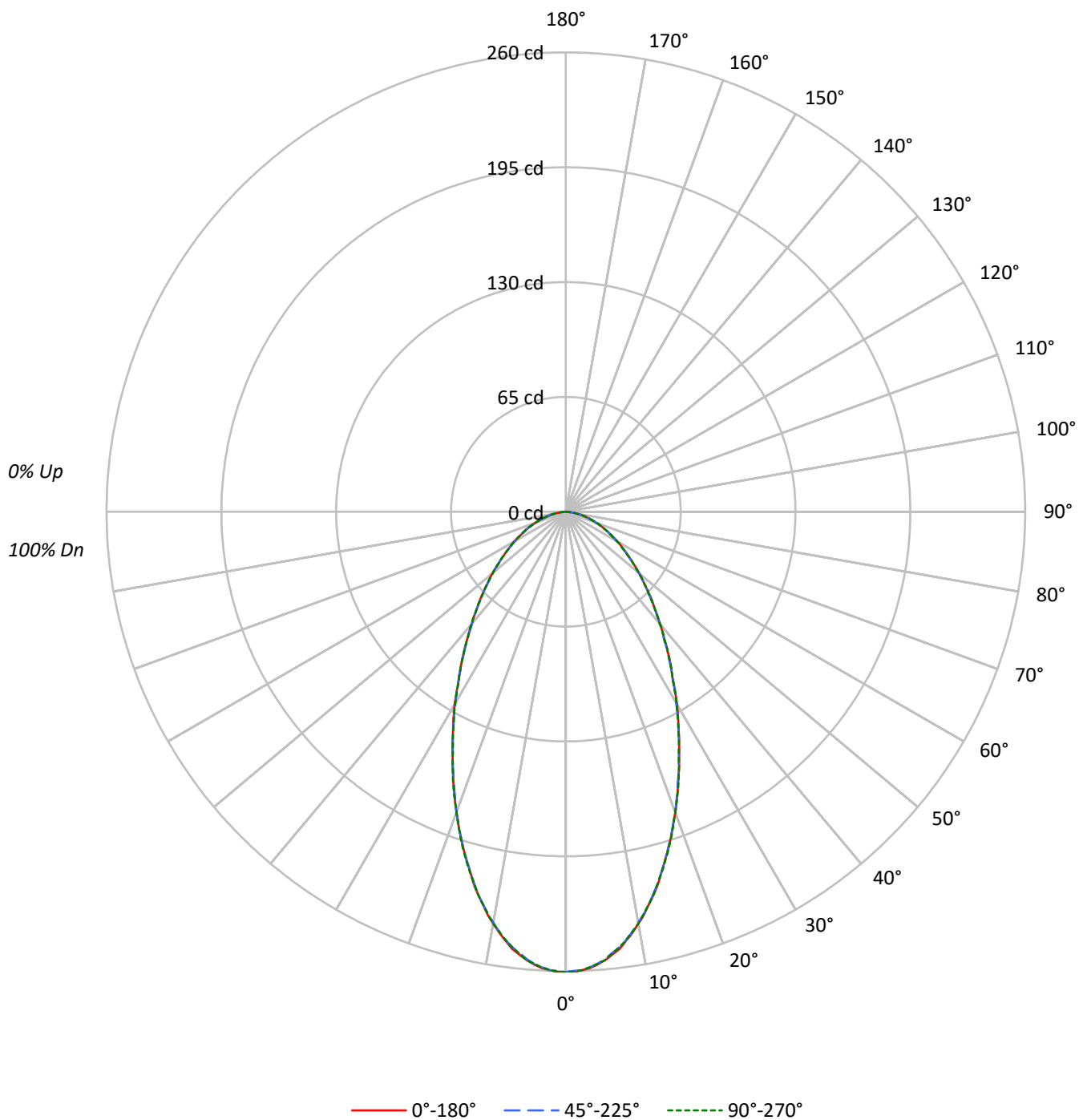
Lumens per Lamp: N/A
Luminaire Lumens: 348.0 lumens
Efficiency: N/A
Efficacy: 48.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	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°	44864	44864	44864
5°	44033	43946	44033
10°	41394	41307	41394
15°	37478	37478	37550
20°	33173	33173	33173
25°	28846	28770	28770
30°	25017	24838	24918
35°	21529	21445	21529
40°	18683	18570	18683
45°	16416	16294	16294
50°	14549	14441	14441
55°	12821	12821	12821
60°	11608	11436	11608
65°	10432	10432	10432
70°	9265	9265	9265
75°	8384	8052	8384
80°	7141	7141	7141
85°	4347	4347	4347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16416 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.7	6.8
10°-20°	58.6	16.8
20°-30°	69.7	20.0
30°-40°	64.0	18.4
40°-50°	52.0	14.9
50°-60°	38.5	11.1
60°-70°	25.4	7.3
70°-80°	13.2	3.8
80°-90°	2.9	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°	152.0	43.7
0°-40°	216.0	62.1
0°-60°	306.5	88.1
0°-90°	348.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	348.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	260	260	260	260	260	
5°	255	254	254	254	255	24
15°	210	210	210	210	211	59
25°	152	151	151	152	151	70
35°	102	102	102	102	102	64
45°	67	67	67	67	67	52
55°	43	43	43	43	43	39
65°	26	26	26	26	26	25
75°	13	13	12	13	13	13
85°	2	2	2	2	2	3
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	260.5	260.5	260.5	260.5	260.5
1°	260.5	260.0	260.0	260.0	260.5
2°	259.6	259.6	259.6	259.6	259.6
3°	258.7	258.2	258.2	258.2	258.2
4°	256.9	256.4	256.4	256.4	256.4
5°	254.7	254.2	254.2	254.2	254.7
6°	252.0	251.5	251.1	251.1	251.5
7°	249.3	248.4	248.4	248.4	248.4
8°	245.2	244.8	244.8	244.8	244.8
9°	241.2	240.3	240.7	240.7	240.7
10°	236.7	236.2	236.2	236.2	236.7
11°	232.2	231.7	231.7	231.3	231.7
12°	226.8	226.8	226.8	226.8	226.8
13°	221.9	221.4	221.4	221.4	221.9
14°	216.5	216.0	216.0	216.0	216.0
15°	210.2	210.2	210.2	210.2	210.6
17.5°	195.8	195.4	195.8	195.8	196.3
20°	181.0	180.5	181.0	181.0	181.0
22.5°	166.2	166.2	165.7	166.2	166.6
25°	151.8	151.4	151.4	151.8	151.4
27.5°	138.3	137.9	137.9	137.9	137.9
30°	125.8	124.9	124.9	125.3	125.3
32.5°	112.7	112.7	113.2	112.7	112.7
35°	102.4	102.0	102.0	102.4	102.4
37.5°	92.1	91.6	91.6	92.1	92.1
40°	83.1	83.1	82.6	83.1	83.1
42.5°	74.6	74.6	74.6	74.6	74.6
45°	67.4	66.9	66.9	66.9	66.9
47.5°	60.2	60.2	60.2	59.7	60.2
50°	54.3	53.9	53.9	53.9	53.9
52.5°	48.1	48.1	48.1	48.1	48.1
55°	42.7	42.7	42.7	42.7	42.7
57.5°	38.2	37.7	37.7	37.7	37.7
60°	33.7	33.7	33.2	33.7	33.7
62.5°	29.2	29.2	29.2	29.2	29.2
65°	25.6	25.6	25.6	25.6	25.6
67.5°	22.0	22.0	22.0	22.0	22.0
70°	18.4	18.4	18.4	18.4	18.4
72.5°	15.7	15.3	15.3	15.3	15.3
75°	12.6	12.6	12.1	12.6	12.6
77.5°	9.4	9.4	9.4	9.4	9.4
80°	7.2	7.2	7.2	6.7	7.2
82.5°	4.5	4.5	4.5	4.5	4.5
85°	2.2	2.2	2.2	2.2	2.2
87.5°	0.4	0.4	0.4	0.9	0.9



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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)