

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: P1306591

Luminaire Tested: P3SQAS05R359027DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306591
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: P3SQAS05R359027DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

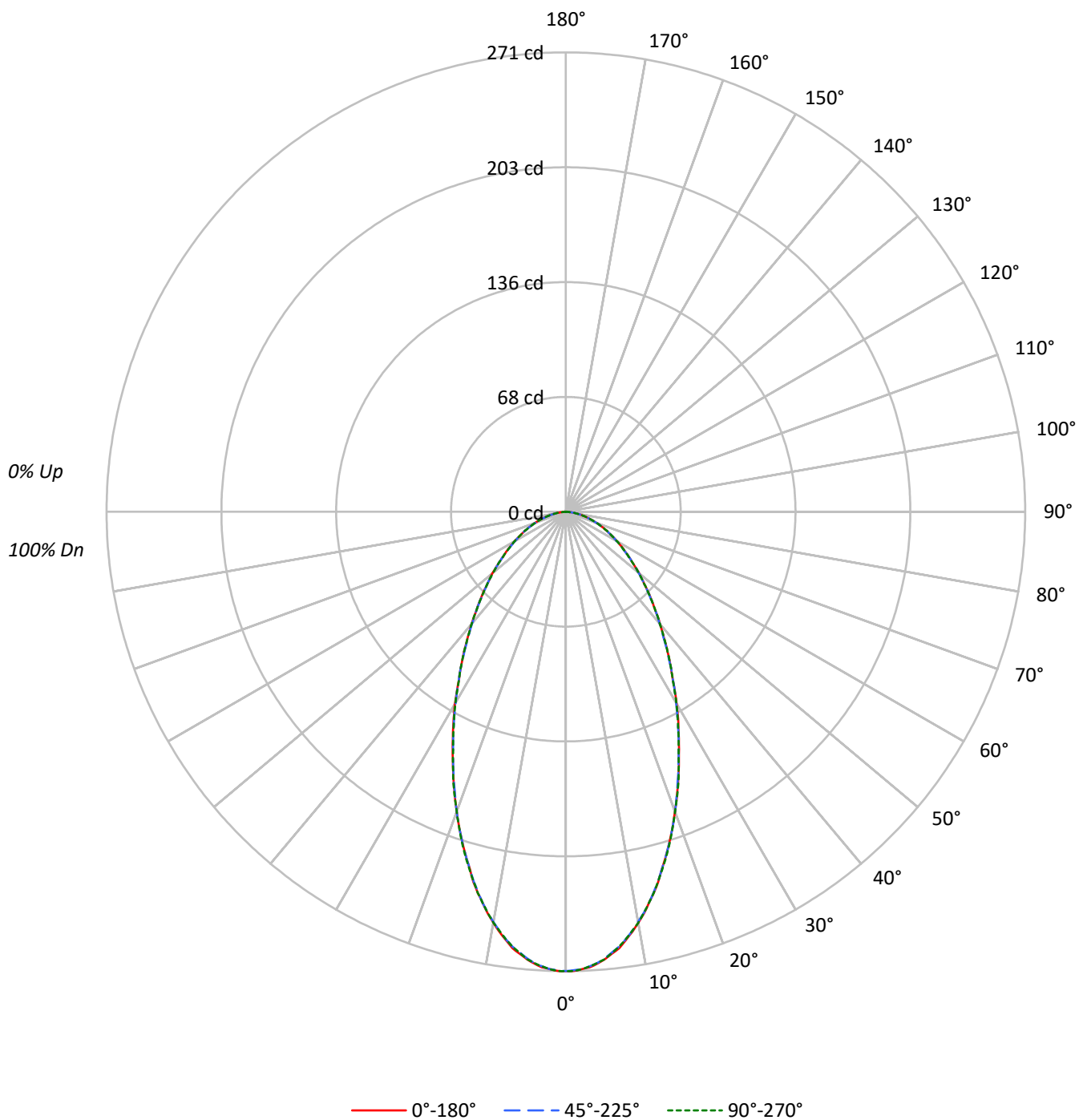
Lumens per Lamp: N/A
Luminaire Lumens: 362.0 lumens
Efficiency: N/A
Efficacy: 50.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	64	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°	46672	46672	46672
5°	45796	45710	45796
10°	43055	42968	43055
15°	38976	38976	39065
20°	34511	34511	34511
25°	30005	29910	29910
30°	26012	25833	25912
35°	22391	22307	22391
40°	19425	19335	19425
45°	17074	16952	16952
50°	15138	15031	15031
55°	13332	13332	13332
60°	12056	11918	12056
65°	10840	10840	10840
70°	9668	9668	9668
75°	8717	8384	8717
80°	7438	7438	7438
85°	4545	4545	4545

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17074 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.6	6.8
10°-20°	61.0	16.8
20°-30°	72.5	20.0
30°-40°	66.6	18.4
40°-50°	54.1	14.9
50°-60°	40.0	11.1
60°-70°	26.4	7.3
70°-80°	13.7	3.8
80°-90°	3.1	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°	158.1	43.7
0°-40°	224.7	62.1
0°-60°	318.8	88.1
0°-90°	362.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	362.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	271	271	271	271	271	
5°	265	264	264	264	265	25
15°	219	219	219	219	219	61
25°	158	157	157	158	157	73
35°	106	106	106	106	106	67
45°	70	70	70	70	70	54
55°	44	44	44	44	44	40
65°	27	27	27	27	27	26
75°	13	13	13	13	13	14
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°	271.0	271.0	271.0	271.0	271.0
1°	271.0	270.5	270.5	270.5	271.0
2°	270.0	270.0	270.0	270.0	270.0
3°	269.1	268.6	268.6	268.6	268.6
4°	267.2	266.8	266.8	266.8	266.8
5°	264.9	264.4	264.4	264.4	264.9
6°	262.1	261.6	261.2	261.2	261.6
7°	259.3	258.4	258.4	258.4	258.4
8°	255.1	254.6	254.6	254.6	254.6
9°	250.9	249.9	250.4	250.4	250.4
10°	246.2	245.7	245.7	245.7	246.2
11°	241.5	241.1	241.1	240.6	241.1
12°	235.9	235.9	235.9	235.9	235.9
13°	230.8	230.3	230.3	230.3	230.8
14°	225.2	224.7	224.7	224.7	224.7
15°	218.6	218.6	218.6	218.6	219.1
17.5°	203.7	203.2	203.7	203.7	204.2
20°	188.3	187.8	188.3	188.3	188.3
22.5°	172.9	172.9	172.4	172.9	173.3
25°	157.9	157.4	157.4	157.9	157.4
27.5°	143.9	143.4	143.4	143.4	143.4
30°	130.8	129.9	129.9	130.3	130.3
32.5°	117.3	117.3	117.7	117.3	117.3
35°	106.5	106.1	106.1	106.5	106.5
37.5°	95.8	95.3	95.3	95.8	95.8
40°	86.4	86.4	86.0	86.4	86.4
42.5°	77.6	77.6	77.6	77.6	77.6
45°	70.1	69.6	69.6	69.6	69.6
47.5°	62.6	62.6	62.6	62.1	62.6
50°	56.5	56.1	56.1	56.1	56.1
52.5°	50.0	50.0	50.0	50.0	50.0
55°	44.4	44.4	44.4	44.4	44.4
57.5°	39.7	39.2	39.2	39.2	39.2
60°	35.0	35.0	34.6	35.0	35.0
62.5°	30.4	30.4	30.4	30.4	30.4
65°	26.6	26.6	26.6	26.6	26.6
67.5°	22.9	22.9	22.9	22.9	22.9
70°	19.2	19.2	19.2	19.2	19.2
72.5°	16.4	15.9	15.9	15.9	15.9
75°	13.1	13.1	12.6	13.1	13.1
77.5°	9.8	9.8	9.8	9.8	9.8
80°	7.5	7.5	7.5	7.0	7.5
82.5°	4.7	4.7	4.7	4.7	4.7
85°	2.3	2.3	2.3	2.3	2.3
87.5°	0.5	0.5	0.5	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)