

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: P1315977

Luminaire Tested: P3SQAS05R359827DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315977
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R359827DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

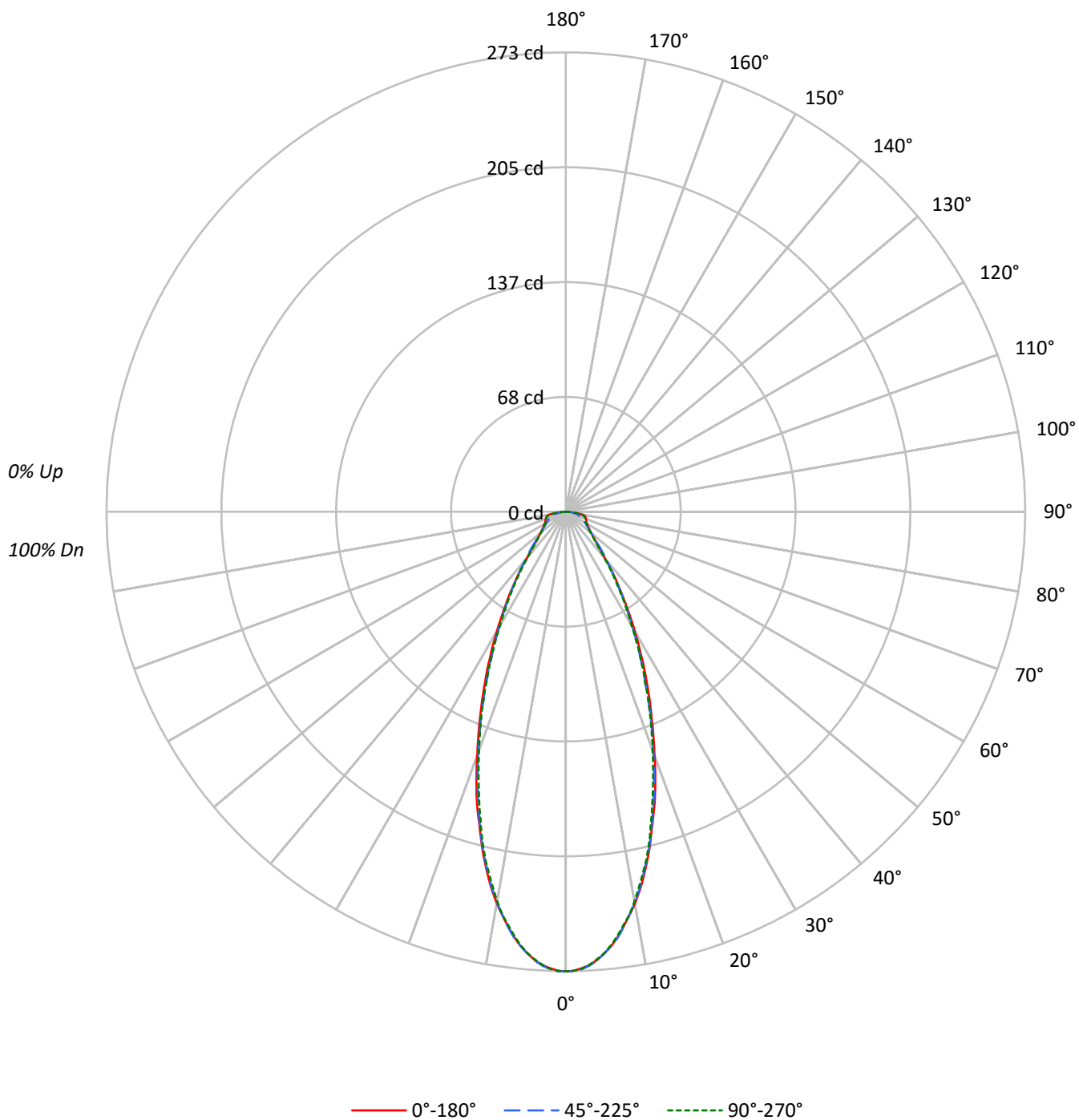
Lumens per Lamp: N/A
Luminaire Lumens: 226.0 lumens
Efficiency: N/A
Efficacy: 31.4 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	104	101	109	105	102	99	101	99	96		97	95	93		94
2	104	98	92	88	101	96	91	87	92	88	85		89	86	83		86
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	69	64	73	68	63		72	67	63		70
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	60	55	76	66	59	54	64	58	54		63	58	54		62
8	73	62	56	51	72	62	55	51	61	55	51		60	54	50		59
9	70	59	52	48	68	58	52	48	57	52	47		56	51	47		55
10	66	56	49	45	65	55	49	45	54	49	45		53	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	47051	47051	47051
5°	45502	45554	45502
10°	41324	41272	41097
15°	35089	34964	34661
20°	28243	27876	27620
25°	21834	21188	21188
30°	16287	15730	15591
35°	11711	11563	11290
40°	8206	8431	7891
45°	6113	6454	5943
50°	5251	5251	5171
55°	4954	4744	4864
60°	5098	4616	4857
65°	5461	4646	5338
70°	6395	4834	6244
75°	7985	5057	7785
80°	10215	5455	9224
85°	8102	5533	8102

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 10215 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.3	10.7
10°-20°	54.1	24.0
20°-30°	51.7	22.9
30°-40°	34.7	15.4
40°-50°	20.4	9.0
50°-60°	14.6	6.4
60°-70°	12.1	5.4
70°-80°	10.0	4.4
80°-90°	4.1	1.8
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°	130.1	57.6
0°-40°	164.8	72.9
0°-60°	199.8	88.4
0°-90°	226.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	226.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	273	273	273	273	273	
5°	263	264	264	263	263	24
15°	197	197	196	195	194	55
25°	115	114	112	112	112	53
35°	56	56	55	54	54	35
45°	25	26	26	25	24	20
55°	16	16	16	16	16	15
65°	13	12	11	12	13	13
75°	12	9	8	9	12	13
85°	4	4	3	4	4	5
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	273.2	273.2	273.2	273.2	273.2
1°	272.8	273.2	273.2	272.8	272.8
2°	271.4	272.1	271.8	271.4	271.8
3°	269.7	270.4	270.1	269.7	269.4
4°	267.0	267.7	267.3	266.6	266.6
5°	263.2	263.9	263.5	263.2	263.2
6°	259.4	260.1	259.4	258.7	258.7
7°	254.2	255.3	254.6	253.9	253.5
8°	248.4	249.4	248.7	248.4	247.7
9°	242.5	243.2	242.2	242.2	242.2
10°	236.3	236.7	236.0	235.0	235.0
11°	229.5	229.1	228.8	228.1	227.4
12°	221.9	221.9	220.9	220.2	219.8
13°	214.0	213.6	213.0	212.3	212.3
14°	205.7	205.7	205.0	203.7	204.0
15°	196.8	197.1	196.1	194.7	194.4
17.5°	176.5	175.8	174.1	173.0	172.0
20°	154.1	153.8	152.1	151.0	150.7
22.5°	133.5	133.1	131.4	130.4	131.1
25°	114.9	113.5	111.5	111.5	111.5
27.5°	97.7	96.0	94.6	93.9	94.6
30°	81.9	80.5	79.1	78.8	78.4
32.5°	67.8	67.1	66.4	65.4	65.4
35°	55.7	55.7	55.0	54.0	53.7
37.5°	45.4	45.8	45.4	44.4	44.0
40°	36.5	37.2	37.5	36.5	35.1
42.5°	29.9	31.0	31.7	29.9	28.9
45°	25.1	25.8	26.5	25.1	24.4
47.5°	22.0	22.4	22.7	21.7	21.3
50°	19.6	19.6	19.6	19.3	19.3
52.5°	17.9	17.9	17.5	17.2	17.2
55°	16.5	16.2	15.8	15.8	16.2
57.5°	15.5	15.1	14.4	14.8	15.1
60°	14.8	14.1	13.4	13.8	14.1
62.5°	13.8	13.1	12.4	12.7	13.4
65°	13.4	12.0	11.4	12.0	13.1
67.5°	13.1	11.4	10.3	11.4	12.7
70°	12.7	10.7	9.6	10.7	12.4
72.5°	12.4	10.0	8.6	10.0	12.0
75°	12.0	9.3	7.6	9.3	11.7
77.5°	11.4	8.6	6.5	8.6	10.7
80°	10.3	7.9	5.5	7.6	9.3
82.5°	7.6	6.5	4.5	6.5	6.9
85°	4.1	4.5	2.8	4.5	4.1
87.5°	0.3	0.7	0.7	2.1	1.4



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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)