

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: P1318021

Luminaire Tested: P3SQAS13R359835DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318021
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: P3SQAS13R359835DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

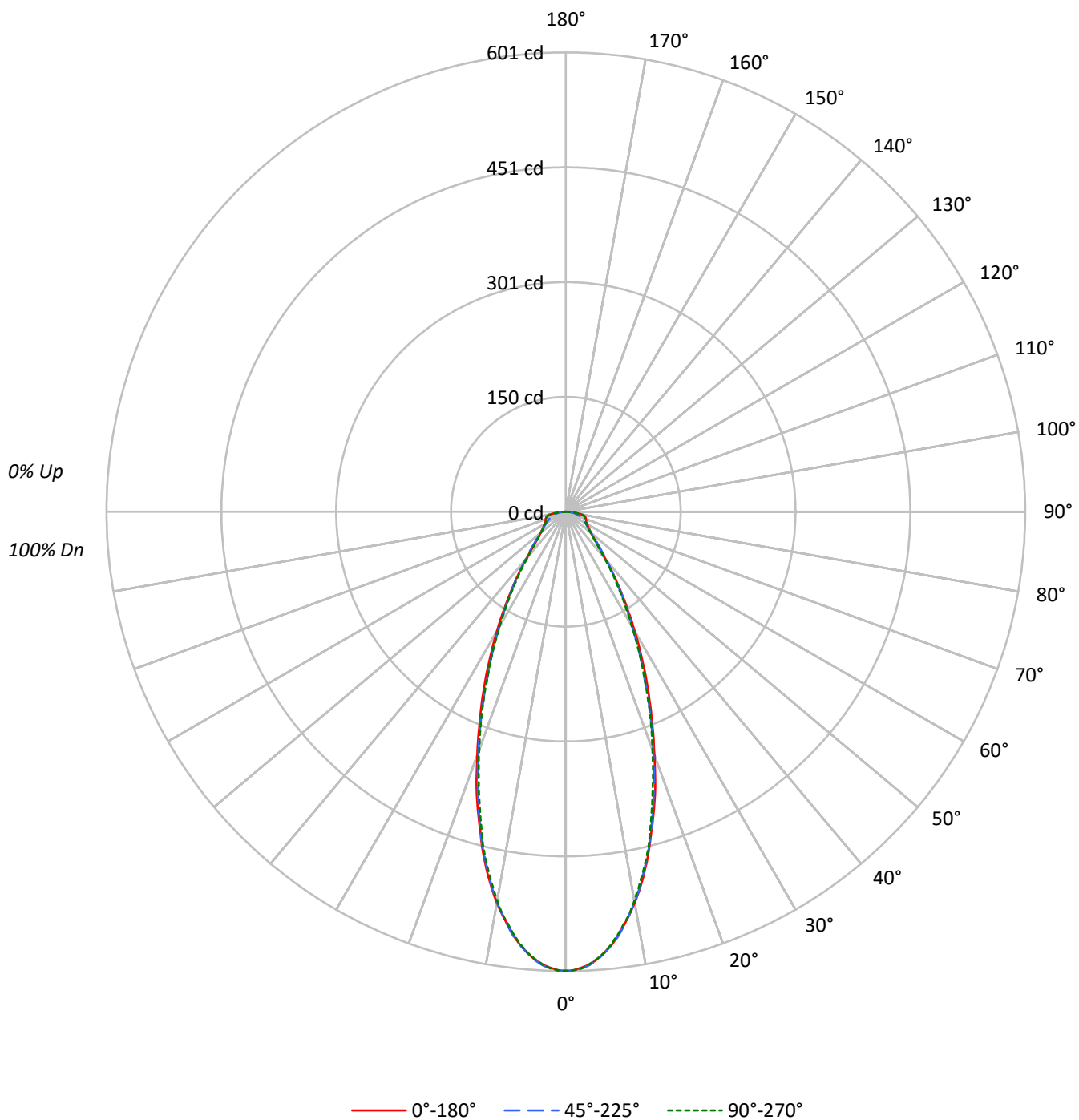
Lumens per Lamp: N/A
Luminaire Lumens: 497.0 lumens
Efficiency: N/A
Efficacy: 34.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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°	103454	103454	103454
5°	100063	100184	100063
10°	90885	90762	90360
15°	77150	76882	76205
20°	62112	61287	60738
25°	48020	46576	46576
30°	35816	34603	34304
35°	25776	25440	24809
40°	18031	18548	17356
45°	13444	14200	13079
50°	11548	11548	11360
55°	10899	10449	10689
60°	11194	10161	10678
65°	12022	10188	11696
70°	14099	10675	13696
75°	17634	11046	17101
80°	22514	12001	20233
85°	17982	12054	17982

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 22514 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.4	10.7
10°-20°	119.1	24.0
20°-30°	113.7	22.9
30°-40°	76.4	15.4
40°-50°	44.8	9.0
50°-60°	32.1	6.5
60°-70°	26.7	5.4
70°-80°	21.9	4.4
80°-90°	9.0	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°	286.1	57.6
0°-40°	362.5	72.9
0°-60°	439.4	88.4
0°-90°	497.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	497.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	601	601	601	601	601	
5°	579	580	580	579	579	53
15°	433	434	431	428	427	120
25°	253	250	245	245	245	116
35°	123	123	121	119	118	78
45°	55	57	58	55	54	44
55°	36	36	35	35	36	33
65°	30	26	25	26	29	29
75°	26	20	17	20	26	28
85°	9	10	6	10	9	10
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	600.7	600.7	600.7	600.7	600.7
1°	599.9	600.7	600.7	599.9	599.9
2°	596.9	598.4	597.7	596.9	597.7
3°	593.1	594.6	593.9	593.1	592.4
4°	587.1	588.6	587.8	586.3	586.3
5°	578.8	580.3	579.5	578.8	578.8
6°	570.4	572.0	570.4	568.9	568.9
7°	559.1	561.4	559.8	558.3	557.6
8°	546.2	548.5	547.0	546.2	544.7
9°	533.4	534.9	532.6	532.6	532.6
10°	519.7	520.5	519.0	516.7	516.7
11°	504.6	503.9	503.1	501.6	500.1
12°	488.0	488.0	485.7	484.2	483.4
13°	470.6	469.8	468.3	466.8	466.8
14°	452.4	452.4	450.9	447.9	448.6
15°	432.7	433.5	431.2	428.2	427.4
17.5°	388.1	386.6	382.8	380.5	378.3
20°	338.9	338.2	334.4	332.1	331.4
22.5°	293.5	292.8	289.0	286.7	288.2
25°	252.7	249.7	245.1	245.1	245.1
27.5°	214.9	211.1	208.1	206.5	208.1
30°	180.1	177.0	174.0	173.2	172.5
32.5°	149.0	147.5	146.0	143.7	143.7
35°	122.6	122.6	121.0	118.8	118.0
37.5°	99.9	100.6	99.9	97.6	96.8
40°	80.2	81.7	82.5	80.2	77.2
42.5°	65.8	68.1	69.6	65.8	63.6
45°	55.2	56.7	58.3	55.2	53.7
47.5°	48.4	49.2	49.9	47.7	46.9
50°	43.1	43.1	43.1	42.4	42.4
52.5°	39.3	39.3	38.6	37.8	37.8
55°	36.3	35.6	34.8	34.8	35.6
57.5°	34.0	33.3	31.8	32.5	33.3
60°	32.5	31.0	29.5	30.3	31.0
62.5°	30.3	28.7	27.2	28.0	29.5
65°	29.5	26.5	25.0	26.5	28.7
67.5°	28.7	25.0	22.7	25.0	28.0
70°	28.0	23.5	21.2	23.5	27.2
72.5°	27.2	21.9	18.9	21.9	26.5
75°	26.5	20.4	16.6	20.4	25.7
77.5°	25.0	18.9	14.4	18.9	23.5
80°	22.7	17.4	12.1	16.6	20.4
82.5°	16.6	14.4	9.8	14.4	15.1
85°	9.1	9.8	6.1	9.8	9.1
87.5°	0.8	1.5	1.5	4.5	3.0



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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)