

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: METALUX

Report Number: P565862

Luminaire Tested: **2SNX-SL3-LC-UNV-CC93-CD-3500K-LOW**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565862  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2205-663-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 2SNX-SL3-LC-UNV-CC93-CD-3500K-LOW  
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, LOW LUMEN SETTING, AND LC LENS  
Light Source: -  
Ballast/Driver: -

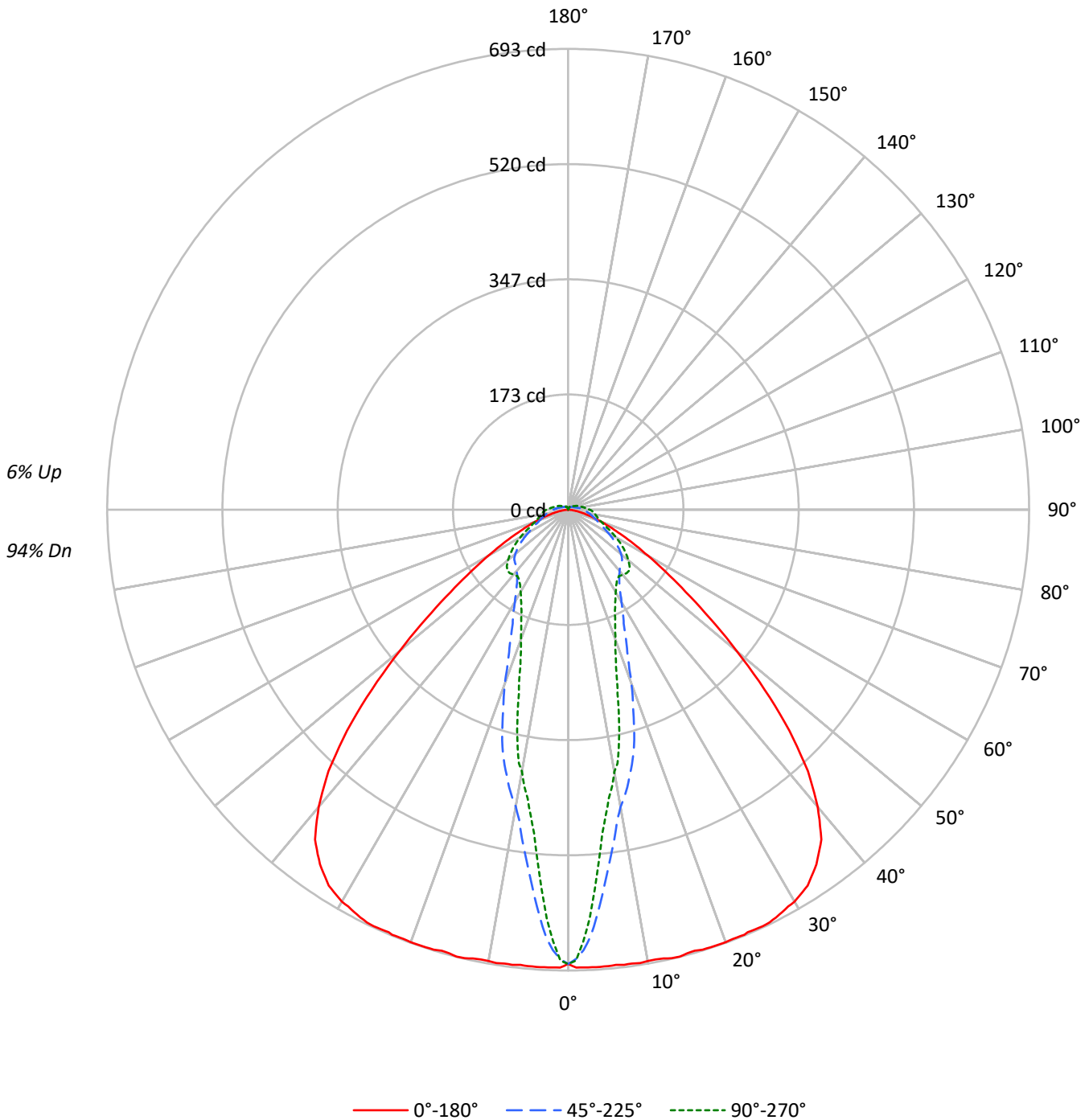
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 842.0 lumens  
Efficiency: N/A  
Efficacy: 121.5 lumens/watt  
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')  
CIE Type: Direct  
  
Input Watts (W): 6.93  
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: 25 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	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	108	103	99	96	105	101	97	94	95	92	90	90	88	86	86	84	82	80
2	99	92	86	80	96	89	84	79	85	80	76	81	77	74	77	74	71	69
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	70	66	62	60
4	85	74	66	60	82	72	65	59	69	63	58	66	61	56	63	59	55	53
5	79	67	59	53	76	66	58	52	63	56	51	60	55	50	58	53	49	47
6	73	61	53	47	71	60	52	47	58	51	46	56	50	45	53	48	44	42
7	69	56	48	43	67	55	48	42	53	46	42	51	45	41	50	44	40	38
8	64	52	44	39	63	51	44	39	49	43	38	48	42	37	46	41	37	35
9	61	48	41	36	59	47	40	35	46	39	35	44	39	34	43	38	34	32
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	40	35	31	30

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	14706	14706	14706
5°	14784	12048	10812
10°	14846	9074	7824
15°	15060	7402	5418
20°	15389	5344	3827
25°	15806	3820	3010
30°	16139	3047	2563
35°	16158	2572	2297
40°	15324	2334	2301
45°	13217	2250	2366
50°	10069	2134	2206
55°	7238	1862	1957
60°	5196	1548	1655
65°	3730	1306	1356
70°	2694	1150	1169
75°	1859	1061	1090
80°	1162	987	1074
85°	493	937	1075



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	53.7	6.4
10°-20°	116.7	13.9
20°-30°	133.5	15.9
30°-40°	133.8	15.9
40°-50°	126.6	15.0
50°-60°	97.1	11.5
60°-70°	62.6	7.4
70°-80°	39.9	4.7
80°-90°	26.5	3.1
90°-100°	17.8	2.1
100°-110°	11.7	1.4
110°-120°	8.2	1.0
120°-130°	5.7	0.7
130°-140°	4.0	0.5
140°-150°	2.4	0.3
150°-160°	1.2	0.1
160°-170°	0.5	0.1
170°-180°	0.1	0.0
0°-30°	303.9	36.1
0°-40°	437.7	52.0
0°-60°	661.4	78.5
0°-90°	790.4	93.9
90°-120°	37.7	4.5
90°-150°	49.8	5.9
90°-180°	52.0	6.2
0°-180°	842.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	683	683	683	683	683	
5°	689	651	583	544	530	66
15°	691	498	379	312	286	196
25°	691	352	201	174	166	319
35°	651	196	134	130	128	404
45°	470	124	113	125	130	358
55°	216	88	87	98	102	198
65°	86	56	55	63	65	89
75°	29	30	38	44	46	32
85°	4	14	27	35	38	5
90°	0	10	22	31	32	0
95°	0	7	19	26	27	0
105°	0	5	12	17	19	0
115°	0	4	9	12	13	0
125°	0	4	8	9	10	0
135°	0	3	6	7	8	0
145°	0	2	4	6	6	0
155°	0	1	3	4	4	0
165°	1	1	2	2	3	0
175°	1	1	1	1	0	0
180°	1	1	1	1	1	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	683.1	683.1	683.1	683.1	683.1
1°	688.7	684.8	675.7	678.3	677.9
2°	688.7	680.5	662.8	657.6	649.8
3°	689.1	673.1	642.9	626.1	615.3
4°	689.1	662.4	613.6	585.6	571.7
5°	689.1	651.1	583.4	544.1	529.5
6°	688.2	637.8	552.8	511.3	489.3
7°	689.5	623.1	525.1	480.7	463.4
8°	689.1	605.8	499.7	457.4	438.4
9°	690.4	589.0	472.1	435.4	421.1
10°	689.1	573.5	453.9	414.7	400.0
11°	689.1	558.4	441.0	401.3	388.8
12°	690.0	541.1	426.8	382.3	365.1
13°	692.1	523.4	410.4	361.6	341.3
14°	692.6	510.0	395.3	335.3	314.1
15°	690.8	497.5	379.3	311.5	286.5
16°	690.0	484.6	360.3	289.1	266.7
17°	691.7	469.5	338.7	266.2	245.5
18°	692.1	455.7	315.9	249.0	230.9
19°	692.1	444.9	297.3	233.0	217.5
20°	692.1	434.5	278.3	220.9	207.6
21°	691.3	421.6	256.7	208.4	197.2
22.5°	691.7	397.4	232.1	193.7	184.7
23°	690.4	391.4	226.1	189.9	180.4
24°	690.8	374.1	213.2	182.1	173.0
25°	691.3	352.1	200.6	174.3	166.1
26°	690.4	334.4	190.3	167.0	161.4
27°	688.2	320.2	183.0	161.0	155.8
28°	685.2	301.2	175.2	155.8	151.0
29°	682.2	279.6	167.4	150.2	146.7
30°	680.5	262.4	160.1	145.8	142.8
32.5°	670.1	228.3	145.0	137.2	134.6
35°	650.7	195.9	134.2	129.9	128.2
37.5°	625.2	170.9	126.0	125.1	125.6
40°	583.4	151.0	120.0	123.8	127.7
42.5°	533.3	135.5	115.6	125.1	129.5
45°	470.3	123.8	113.1	125.1	129.5
47.5°	400.4	114.3	110.0	120.8	125.1
50°	330.5	105.7	104.0	114.3	118.2
52.5°	268.8	97.5	96.2	106.2	110.0
55°	215.8	88.5	87.2	98.0	101.8
57.5°	173.0	79.8	78.5	88.5	92.3
60°	138.1	71.2	69.0	79.0	82.8
62.5°	110.0	63.0	61.7	70.3	73.8
65°	86.3	55.7	54.8	62.6	64.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	68.2	48.8	49.2	55.7	58.3
70°	52.6	42.3	44.9	50.9	52.6
72.5°	39.7	35.8	41.4	46.6	48.8
75°	29.3	30.2	38.0	43.6	45.7
77.5°	20.3	25.0	35.0	41.0	43.2
80°	13.8	20.3	31.9	38.8	41.4
82.5°	8.2	16.8	29.3	36.7	39.7
85°	3.9	13.8	26.8	35.0	37.5
87.5°	1.3	11.2	24.2	33.2	35.4
90°	0.0	9.5	22.4	31.1	32.4
92.5°	0.0	8.2	20.3	28.5	29.3
95°	0.0	6.9	18.6	25.5	26.8
97.5°	0.0	6.5	17.3	22.9	24.6
100°	0.0	6.0	15.5	20.7	22.4
102.5°	0.0	5.2	13.8	18.6	20.3
105°	0.0	5.2	12.1	17.3	18.6
107.5°	0.4	4.7	11.2	15.5	17.3
110°	0.4	4.7	9.9	14.7	16.0
112.5°	0.4	4.7	9.5	13.4	15.1
115°	0.4	4.3	9.1	12.5	13.4
117.5°	0.4	4.3	8.6	11.2	12.1
120°	0.4	3.9	8.2	10.4	10.8
122.5°	0.4	3.9	7.8	9.5	9.9
125°	0.4	3.9	7.8	9.1	9.5
127.5°	0.4	3.5	7.3	8.6	8.6
130°	0.4	3.5	6.9	8.2	8.2
132.5°	0.4	3.0	6.5	7.8	8.2
135°	0.4	3.0	6.0	7.3	7.8
137.5°	0.4	2.6	5.6	6.9	7.3
140°	0.4	2.6	5.2	6.5	6.9
142.5°	0.4	2.2	4.7	6.0	6.5
145°	0.4	2.2	4.3	5.6	6.0
147.5°	0.4	2.2	3.9	5.2	5.6
150°	0.4	1.7	3.5	4.7	5.2
152.5°	0.4	1.7	3.0	4.3	4.7
155°	0.4	1.3	2.6	3.9	4.3
157.5°	0.4	1.3	2.6	3.5	3.9
160°	0.9	1.3	2.2	3.0	3.5
162.5°	0.4	0.9	2.2	2.6	3.0
165°	0.9	0.9	1.7	2.2	2.6
167.5°	0.9	0.9	1.3	1.7	2.2
170°	0.9	0.9	1.3	1.3	1.7
172.5°	0.9	0.9	0.9	1.3	0.9
175°	0.9	0.9	0.9	0.9	0.4
177.5°	0.9	0.9	0.9	0.9	0.4



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	0.9	0.9	0.9	0.9	0.9

(END OF REPORT)