

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: P565865

Luminaire Tested: **2SNX-SL3-LC-UNV-CC93-CD-4000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565865
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-4000K-LOW
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, LOW LUMEN SETTING, AND LC LENS
Light Source: -
Ballast/Driver: -

Summary

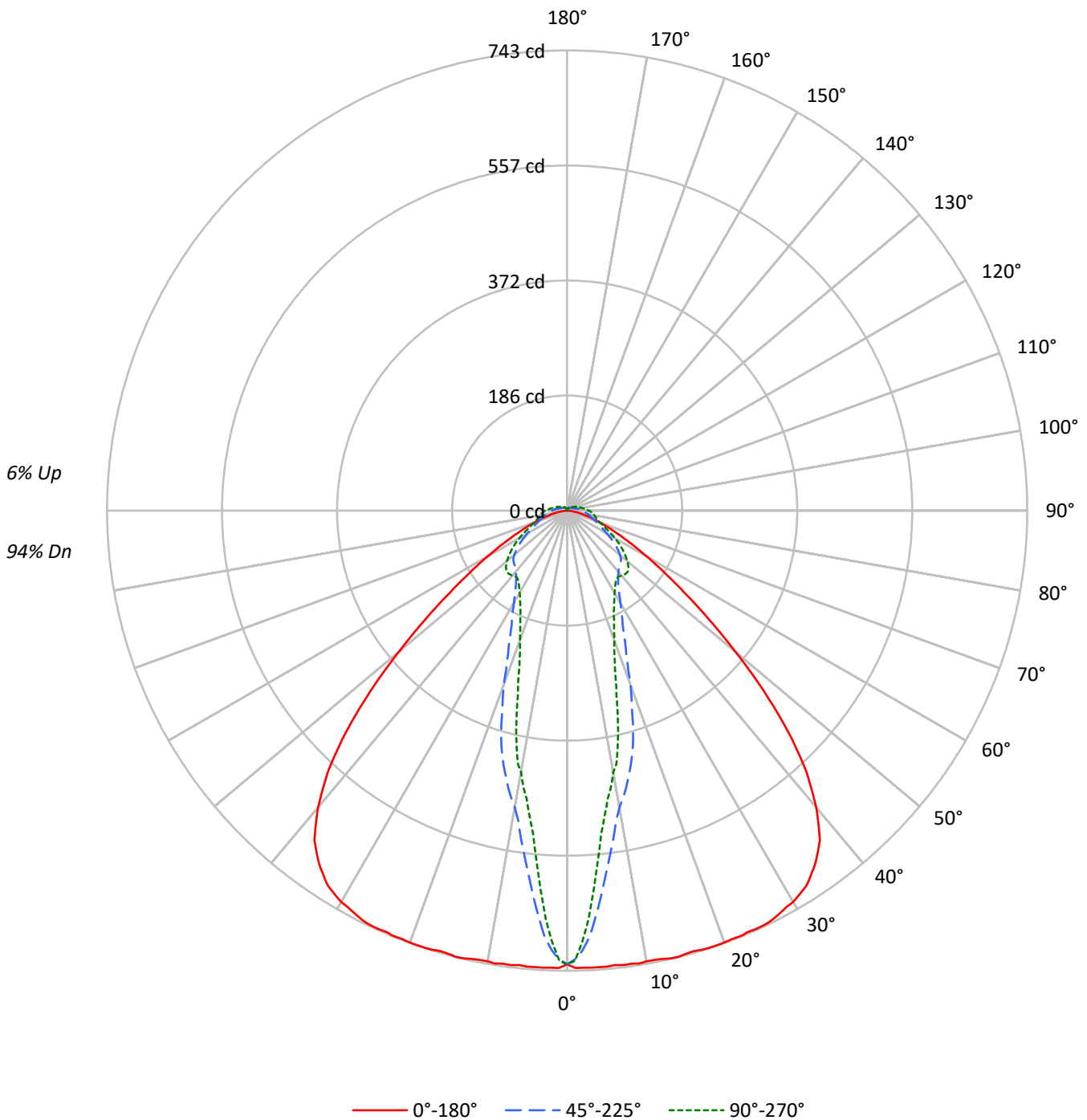
Lumens per Lamp: N/A
Luminaire Lumens: 903.0 lumens
Efficiency: N/A
Efficacy: 136.8 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Direct

Input Watts (W): 6.6
Input Voltage (V): NR
Input Current (A_{in}): 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°	15771	15771	15771
5°	15854	12922	11594
10°	15921	9731	8391
15°	16152	7938	5811
20°	16505	5732	4104
25°	16950	4098	3229
30°	17309	3268	2750
35°	17330	2758	2462
40°	16435	2501	2469
45°	14175	2411	2535
50°	10800	2288	2366
55°	7761	1997	2100
60°	5572	1661	1776
65°	4002	1401	1455
70°	2894	1232	1256
75°	1999	1136	1171
80°	1246	1058	1151
85°	531	1004	1155



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.6	6.4
10°-20°	125.1	13.9
20°-30°	143.2	15.9
30°-40°	143.5	15.9
40°-50°	135.8	15.0
50°-60°	104.1	11.5
60°-70°	67.1	7.4
70°-80°	42.8	4.7
80°-90°	28.4	3.1
90°-100°	19.1	2.1
100°-110°	12.6	1.4
110°-120°	8.8	1.0
120°-130°	6.1	0.7
130°-140°	4.2	0.5
140°-150°	2.6	0.3
150°-160°	1.3	0.1
160°-170°	0.5	0.1
170°-180°	0.1	0.0
0°-30°	325.9	36.1
0°-40°	469.4	52.0
0°-60°	709.3	78.5
0°-90°	847.7	93.9
90°-120°	40.5	4.5
90°-150°	53.4	5.9
90°-180°	55.0	6.1
0°-180°	903.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	733	733	733	733	733	
5°	739	698	626	584	568	71
15°	741	534	407	334	307	210
25°	741	378	215	187	178	342
35°	698	210	144	139	137	433
45°	504	133	121	134	139	384
55°	231	95	94	105	109	213
65°	93	60	59	67	69	95
75°	32	32	41	47	49	35
85°	4	15	29	38	40	6
90°	0	10	24	33	35	0
95°	0	7	20	27	29	0
105°	0	6	13	18	20	0
115°	0	5	10	13	14	0
125°	0	4	8	10	10	0
135°	0	3	6	8	8	0
145°	0	2	5	6	6	0
155°	0	1	3	4	5	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°	732.6	732.6	732.6	732.6	732.6
1°	738.6	734.4	724.7	727.5	727.0
2°	738.6	729.8	710.8	705.3	696.9
3°	739.0	721.9	689.5	671.5	659.9
4°	739.0	710.3	658.1	628.0	613.2
5°	739.0	698.3	625.7	583.5	567.8
6°	738.1	684.0	592.8	548.4	524.8
7°	739.5	668.2	563.2	515.5	497.0
8°	739.0	649.7	535.9	490.5	470.2
9°	740.4	631.7	506.3	466.9	451.7
10°	739.0	615.0	486.8	444.7	429.0
11°	739.0	598.8	472.9	430.4	417.0
12°	740.0	580.3	457.7	410.0	391.5
13°	742.3	561.3	440.1	387.8	366.0
14°	742.7	547.0	423.9	359.6	336.9
15°	740.9	533.6	406.8	334.1	307.3
16°	740.0	519.7	386.4	310.1	286.0
17°	741.8	503.5	363.3	285.5	263.3
18°	742.3	488.7	338.7	267.0	247.6
19°	742.3	477.1	318.8	249.9	233.2
20°	742.3	466.0	298.5	236.9	222.6
21°	741.3	452.1	275.3	223.5	211.5
22.5°	741.8	426.2	249.0	207.8	198.1
23°	740.4	419.7	242.5	203.6	193.4
24°	740.9	401.2	228.6	195.3	185.6
25°	741.3	377.6	215.2	187.0	178.2
26°	740.4	358.6	204.1	179.1	173.1
27°	738.1	343.4	196.2	172.6	167.1
28°	734.9	323.0	187.9	167.1	162.0
29°	731.6	299.9	179.6	161.0	157.3
30°	729.8	281.4	171.7	156.4	153.2
32.5°	718.7	244.8	155.5	147.2	144.4
35°	697.9	210.1	143.9	139.3	137.4
37.5°	670.5	183.3	135.1	134.2	134.7
40°	625.7	162.0	128.6	132.8	137.0
42.5°	572.0	145.3	124.0	134.2	138.8
45°	504.4	132.8	121.2	134.2	138.8
47.5°	429.4	122.6	118.0	129.6	134.2
50°	354.5	113.4	111.5	122.6	126.8
52.5°	288.3	104.6	103.2	113.8	118.0
55°	231.4	94.9	93.5	105.0	109.2
57.5°	185.6	85.6	84.2	94.9	99.0
60°	148.1	76.4	74.0	84.7	88.9
62.5°	118.0	67.6	66.2	75.4	79.1
65°	92.6	59.7	58.8	67.1	69.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	73.1	52.3	52.8	59.7	62.5
70°	56.5	45.4	48.1	54.6	56.5
72.5°	42.6	38.4	44.4	50.0	52.3
75°	31.5	32.4	40.7	46.7	49.1
77.5°	21.7	26.8	37.5	44.0	46.3
80°	14.8	21.7	34.2	41.6	44.4
82.5°	8.8	18.0	31.5	39.3	42.6
85°	4.2	14.8	28.7	37.5	40.3
87.5°	1.4	12.0	25.9	35.6	37.9
90°	0.0	10.2	24.1	33.3	34.7
92.5°	0.0	8.8	21.7	30.5	31.5
95°	0.0	7.4	19.9	27.3	28.7
97.5°	0.0	6.9	18.5	24.5	26.4
100°	0.0	6.5	16.7	22.2	24.1
102.5°	0.0	5.6	14.8	19.9	21.7
105°	0.0	5.6	13.0	18.5	19.9
107.5°	0.5	5.1	12.0	16.7	18.5
110°	0.5	5.1	10.6	15.7	17.1
112.5°	0.5	5.1	10.2	14.3	16.2
115°	0.5	4.6	9.7	13.4	14.3
117.5°	0.5	4.6	9.3	12.0	13.0
120°	0.5	4.2	8.8	11.1	11.6
122.5°	0.5	4.2	8.3	10.2	10.6
125°	0.5	4.2	8.3	9.7	10.2
127.5°	0.5	3.7	7.9	9.3	9.3
130°	0.5	3.7	7.4	8.8	8.8
132.5°	0.5	3.2	6.9	8.3	8.8
135°	0.5	3.2	6.5	7.9	8.3
137.5°	0.5	2.8	6.0	7.4	7.9
140°	0.5	2.8	5.6	6.9	7.4
142.5°	0.5	2.3	5.1	6.5	6.9
145°	0.5	2.3	4.6	6.0	6.5
147.5°	0.5	2.3	4.2	5.6	6.0
150°	0.5	1.9	3.7	5.1	5.6
152.5°	0.5	1.9	3.2	4.6	5.1
155°	0.5	1.4	2.8	4.2	4.6
157.5°	0.5	1.4	2.8	3.7	4.2
160°	0.9	1.4	2.3	3.2	3.7
162.5°	0.5	0.9	2.3	2.8	3.2
165°	0.9	0.9	1.9	2.3	2.8
167.5°	0.9	0.9	1.4	1.9	2.3
170°	0.9	0.9	1.4	1.4	1.9
172.5°	0.9	0.9	0.9	1.4	0.9
175°	0.9	0.9	0.9	0.9	0.5
177.5°	0.9	0.9	0.9	0.9	0.5



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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)