

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: P565884

Luminaire Tested: **2SNX-SL3-LN-UNV-CC93-CD-4000K-MED**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565884  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 2SNX-SL3-LN-UNV-CC93-CD-4000K-MED  
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, MED LUMEN SETTING, AND LN LENS  
Light Source: -  
Ballast/Driver: -

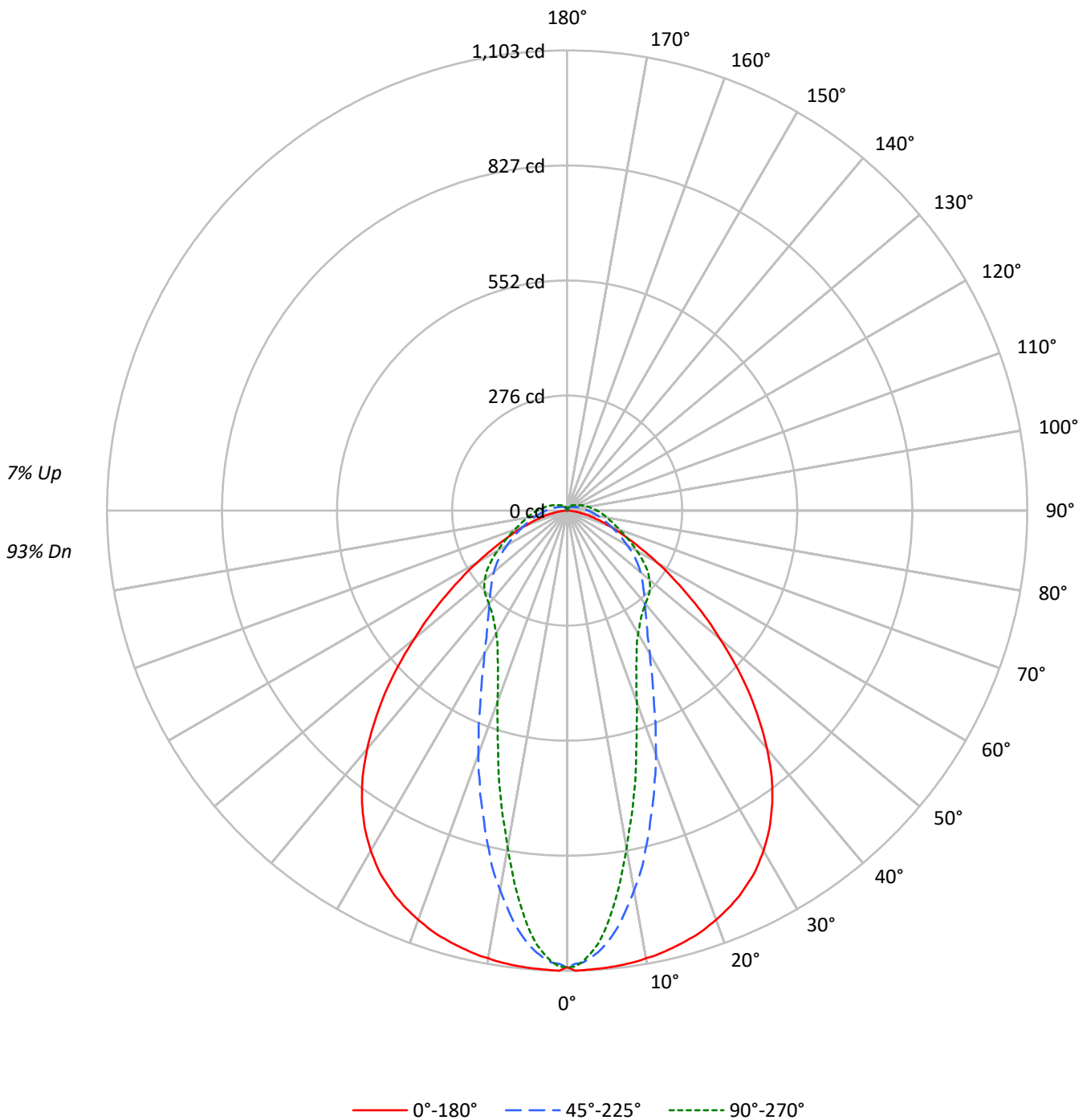
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1744.0 lumens  
Efficiency: N/A  
Efficacy: 130.8 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')  
CIE Type: Direct  
  
Input Watts (W): 13.332  
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	50	30	10	0	
RCR																						
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93				
1	107	103	99	95	104	100	96	93	94	91	88	89	87	85	85	83	81	78				
2	99	91	84	79	95	88	82	77	84	79	75	79	75	72	76	72	69	67				
3	91	81	73	67	88	79	72	66	75	69	64	71	66	62	68	64	60	58				
4	84	73	64	58	81	71	63	57	67	61	56	64	59	54	62	57	53	51				
5	78	66	57	51	75	64	56	51	61	55	49	59	53	48	56	51	47	45				
6	72	60	51	45	70	59	51	45	56	49	44	54	48	43	52	46	42	40				
7	67	55	47	41	65	54	46	41	52	45	40	50	44	39	48	42	38	36				
8	63	51	43	37	61	50	42	37	48	41	36	46	40	36	44	39	35	33				
9	59	47	39	34	58	46	39	34	44	38	33	43	37	33	41	36	32	30				
10	56	44	36	31	54	43	36	31	41	35	31	40	34	30	39	34	30	28				

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

	0°	45°	90°
0°	23554	23554	23554
5°	23588	21594	20715
10°	23472	18473	16073
15°	23372	15036	12047
20°	23209	11952	9015
25°	22904	9347	7154
30°	22327	7550	6103
35°	21288	6376	5551
40°	19589	5617	5255
45°	17311	5127	5093
50°	14563	4708	4809
55°	11863	4256	4393
60°	9387	3732	3855
65°	7187	3268	3354
70°	5475	2879	2965
75°	4118	2577	2702
80°	2770	2348	2513
85°	1392	2176	2410



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	96.9	5.6
10°-20°	227.1	13.0
20°-30°	269.6	15.5
30°-40°	271.2	15.6
40°-50°	252.1	14.5
50°-60°	207.6	11.9
60°-70°	146.3	8.4
70°-80°	95.6	5.5
80°-90°	61.0	3.5
90°-100°	40.0	2.3
100°-110°	27.2	1.6
110°-120°	18.6	1.1
120°-130°	12.9	0.7
130°-140°	8.7	0.5
140°-150°	5.3	0.3
150°-160°	2.8	0.2
160°-170°	1.0	0.1
170°-180°	0.2	0.0
0°-30°	593.6	34.0
0°-40°	864.8	49.6
0°-60°	1324.5	75.9
0°-90°	1627.4	93.3
90°-120°	85.8	4.9
90°-150°	112.7	6.5
90°-180°	117.0	6.7
0°-180°	1744.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1094	1094	1094	1094	1094	
5°	1100	1085	1046	1026	1014	105
15°	1072	958	770	674	637	303
25°	1002	740	491	412	395	461
35°	857	501	333	312	310	533
45°	616	330	258	272	279	473
55°	354	217	199	221	228	319
65°	166	131	137	154	160	169
75°	65	68	92	109	113	70
85°	11	31	62	80	84	14
90°	0	21	50	69	71	1
95°	0	16	42	58	60	0
105°	0	11	28	40	44	0
115°	1	9	20	29	31	1
125°	1	7	16	21	23	1
135°	1	6	13	16	17	1
145°	1	5	9	13	14	1
155°	1	4	6	9	10	0
165°	1	2	4	5	6	0
175°	2	2	2	2	1	0
180°	1	1	1	1	1	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1094.1	1094.1	1094.1	1094.1	1094.1
1°	1103.2	1098.6	1086.8	1095.0	1093.1
2°	1102.3	1097.7	1084.0	1087.7	1081.3
3°	1101.4	1095.0	1074.0	1073.0	1063.9
4°	1100.5	1090.4	1061.2	1050.2	1042.9
5°	1099.5	1084.9	1045.6	1025.5	1014.5
6°	1098.6	1078.5	1025.5	995.4	979.8
7°	1096.8	1068.5	1004.5	963.4	943.3
8°	1095.0	1059.3	978.0	928.6	904.0
9°	1093.1	1047.4	951.5	891.2	861.9
10°	1089.5	1035.6	924.1	852.8	821.7
11°	1087.7	1021.9	897.6	816.2	779.6
12°	1084.0	1007.2	869.2	777.8	745.8
13°	1080.4	991.7	834.5	744.9	706.5
14°	1076.7	975.2	804.3	708.4	672.7
15°	1072.1	957.9	770.5	673.6	637.1
16°	1067.6	937.8	740.3	638.0	599.6
17°	1063.0	918.6	712.0	605.1	570.3
18°	1057.5	899.4	679.1	573.1	539.3
19°	1050.2	877.4	652.6	543.8	512.8
20°	1043.8	857.3	622.4	516.4	489.0
21°	1036.5	832.7	592.3	490.8	463.4
22.5°	1025.5	797.9	553.9	458.8	433.2
23°	1020.0	787.9	538.3	446.9	425.0
24°	1012.7	761.4	512.8	428.7	406.7
25°	1001.7	740.3	490.8	412.2	394.8
26°	991.7	714.8	468.9	397.6	380.2
27°	981.6	690.1	449.7	382.1	367.4
28°	968.8	664.5	428.7	369.3	356.5
29°	955.1	640.7	411.3	358.3	348.2
30°	941.4	614.2	396.7	348.2	340.0
32.5°	903.0	555.7	359.2	329.0	323.6
35°	857.3	500.9	332.7	311.7	309.8
37.5°	806.2	450.6	308.9	298.0	299.8
40°	745.8	404.9	288.8	287.9	291.6
42.5°	681.8	365.6	273.3	279.7	285.2
45°	616.0	330.0	257.7	271.5	278.8
47.5°	547.5	298.9	244.0	261.4	269.6
50°	478.0	268.7	229.4	249.5	257.7
52.5°	415.9	242.2	214.8	235.8	245.0
55°	353.7	216.6	199.3	221.2	228.5
57.5°	299.8	192.9	182.8	204.7	210.2
60°	249.5	170.0	166.3	186.5	192.9
62.5°	203.8	149.9	150.8	170.0	176.4
65°	166.3	130.7	137.1	154.5	160.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	135.3	112.4	123.4	141.7	146.2
70°	106.9	96.0	112.4	128.9	133.4
72.5°	85.0	81.3	101.5	118.8	122.5
75°	64.9	67.6	92.3	108.8	113.3
77.5°	46.6	56.7	83.2	100.5	104.2
80°	32.9	46.6	75.9	93.2	96.9
82.5°	21.0	38.4	68.6	86.8	90.5
85°	11.0	31.1	62.2	80.4	84.1
87.5°	4.6	25.6	55.8	74.0	77.7
90°	0.0	21.0	50.3	68.6	71.3
92.5°	0.0	18.3	45.7	63.1	65.8
95°	0.0	15.5	42.0	57.6	60.3
97.5°	0.0	14.6	37.5	53.0	55.8
100°	0.0	12.8	33.8	48.4	52.1
102.5°	0.0	11.9	31.1	43.9	47.5
105°	0.0	11.0	28.3	40.2	43.9
107.5°	0.0	10.1	26.5	37.5	40.2
110°	0.0	10.1	23.8	34.7	37.5
112.5°	0.9	9.1	21.9	31.1	33.8
115°	0.9	9.1	20.1	29.2	31.1
117.5°	0.9	9.1	19.2	26.5	28.3
120°	0.9	8.2	18.3	24.7	26.5
122.5°	0.9	8.2	17.4	22.9	23.8
125°	0.9	7.3	16.5	21.0	22.9
127.5°	0.9	7.3	15.5	20.1	21.0
130°	0.9	7.3	14.6	18.3	20.1
132.5°	0.9	6.4	13.7	17.4	18.3
135°	0.9	6.4	12.8	16.5	17.4
137.5°	0.9	5.5	11.9	15.5	16.5
140°	0.9	5.5	11.0	14.6	15.5
142.5°	0.9	4.6	10.1	13.7	14.6
145°	0.9	4.6	9.1	12.8	13.7
147.5°	0.9	4.6	8.2	11.9	12.8
150°	0.9	3.7	7.3	11.0	11.9
152.5°	0.9	3.7	6.4	10.1	11.0
155°	0.9	3.7	6.4	9.1	10.1
157.5°	0.9	2.7	5.5	7.3	9.1
160°	0.9	2.7	4.6	6.4	8.2
162.5°	0.9	2.7	4.6	5.5	6.4
165°	0.9	1.8	3.7	4.6	5.5
167.5°	0.9	1.8	2.7	3.7	4.6
170°	0.9	1.8	2.7	2.7	3.7
172.5°	0.9	1.8	1.8	1.8	1.8
175°	1.8	1.8	1.8	1.8	0.9
177.5°	1.8	1.8	1.8	0.9	0.9



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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)