

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: P567098

Luminaire Tested: **4SNX-SL3-LN-UNV-CC93-CD-5000K-LOW**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567098  
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: 4SNX-SL3-LN-UNV-CC93-CD-5000K-LOW  
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, LOW LUMEN SETTING, AND LN LENS  
Light Source: -  
Ballast/Driver: -

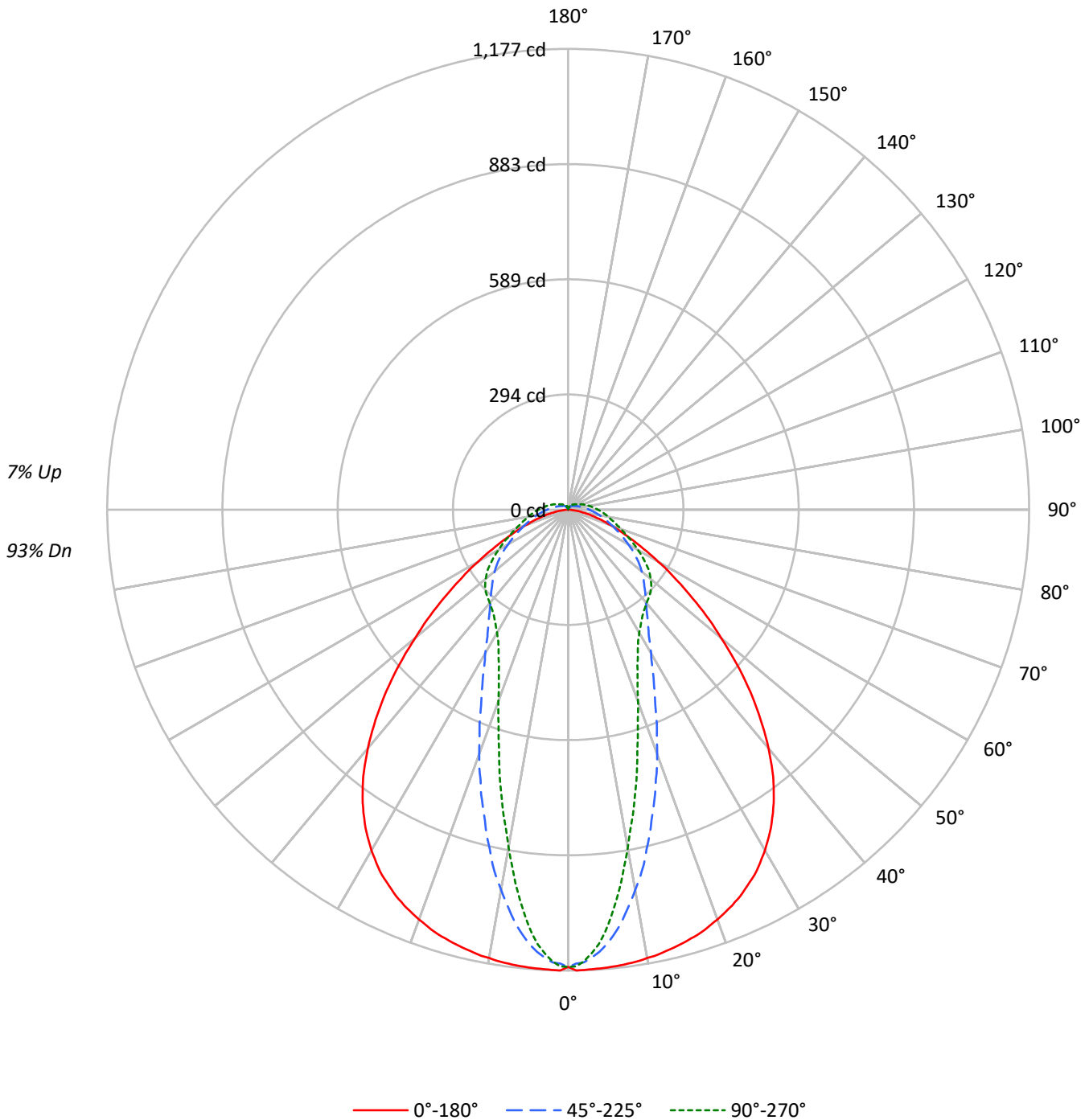
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1861.1 lumens  
Efficiency: N/A  
Efficacy: 110.4 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')  
CIE Type: Direct  
  
Input Watts (W): 16.863  
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°	12567	12567	12567
5°	12631	11550	11053
10°	12614	9903	8575
15°	12609	8078	6427
20°	12568	6435	4810
25°	12454	5042	3817
30°	12193	4081	3256
35°	11681	3454	2962
40°	10806	3049	2803
45°	9607	2789	2717
50°	8138	2567	2566
55°	6685	2326	2344
60°	5347	2046	2056
65°	4150	1797	1789
70°	3222	1589	1583
75°	2491	1428	1441
80°	1760	1307	1341
85°	979	1218	1285



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	103.4	5.6
10°-20°	242.3	13.0
20°-30°	287.7	15.5
30°-40°	289.4	15.6
40°-50°	269.0	14.5
50°-60°	221.5	11.9
60°-70°	156.1	8.4
70°-80°	102.0	5.5
80°-90°	65.1	3.5
90°-100°	42.7	2.3
100°-110°	29.0	1.6
110°-120°	19.9	1.1
120°-130°	13.8	0.7
130°-140°	9.3	0.5
140°-150°	5.7	0.3
150°-160°	3.0	0.2
160°-170°	1.1	0.1
170°-180°	0.2	0.0
0°-30°	633.4	34.0
0°-40°	922.8	49.6
0°-60°	1413.3	75.9
0°-90°	1736.5	93.3
90°-120°	91.6	4.9
90°-150°	120.3	6.5
90°-180°	125.0	6.7
0°-180°	1861.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1168	1168	1168	1168	1168	
5°	1173	1158	1116	1094	1083	112
15°	1144	1022	822	719	680	323
25°	1069	790	524	440	421	492
35°	915	534	355	333	331	569
45°	657	352	275	290	298	505
55°	377	231	213	236	244	341
65°	178	140	146	165	171	180
75°	69	72	98	116	121	75
85°	12	33	66	86	90	15
90°	0	22	54	73	76	1
95°	0	17	45	61	64	0
105°	0	12	30	43	47	0
115°	1	10	22	31	33	1
125°	1	8	18	22	24	1
135°	1	7	14	18	18	1
145°	1	5	10	14	15	1
155°	1	4	7	10	11	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°	1167.5	1167.5	1167.5	1167.5	1167.5
1°	1177.2	1172.3	1159.7	1168.4	1166.5
2°	1176.2	1171.4	1156.7	1160.6	1153.8
3°	1175.3	1168.4	1146.0	1145.0	1135.3
4°	1174.3	1163.6	1132.3	1120.6	1112.8
5°	1173.3	1157.7	1115.8	1094.3	1082.6
6°	1172.3	1150.9	1094.3	1062.1	1045.5
7°	1170.4	1140.2	1071.9	1028.0	1006.5
8°	1168.4	1130.4	1043.6	990.9	964.6
9°	1166.5	1117.7	1015.3	950.9	919.7
10°	1162.6	1105.0	986.1	910.0	876.8
11°	1160.6	1090.4	957.8	871.0	832.0
12°	1156.7	1074.8	927.5	830.0	795.9
13°	1152.8	1058.2	890.5	794.9	753.9
14°	1148.9	1040.7	858.3	755.9	717.8
15°	1144.1	1022.1	822.2	718.8	679.8
16°	1139.2	1000.7	790.0	680.8	639.8
17°	1134.3	980.2	759.8	645.7	608.6
18°	1128.4	959.7	724.7	611.5	575.4
19°	1120.6	936.3	696.4	580.3	547.2
20°	1113.8	914.9	664.2	551.1	521.8
21°	1106.0	888.5	632.0	523.7	494.5
22.5°	1094.3	851.5	591.0	489.6	462.3
23°	1088.5	840.7	574.5	476.9	453.5
24°	1080.7	812.4	547.2	457.4	434.0
25°	1069.0	790.0	523.7	439.9	421.3
26°	1058.2	762.7	500.3	424.3	405.7
27°	1047.5	736.4	479.9	407.7	392.1
28°	1033.8	709.1	457.4	394.0	380.4
29°	1019.2	683.7	438.9	382.3	371.6
30°	1004.6	655.4	423.3	371.6	362.8
32.5°	963.6	593.0	383.3	351.1	345.3
35°	914.9	534.5	355.0	332.6	330.6
37.5°	860.2	480.8	329.7	318.0	319.9
40°	795.9	432.1	308.2	307.2	311.1
42.5°	727.6	390.1	291.6	298.4	304.3
45°	657.4	352.1	275.0	289.7	297.5
47.5°	584.2	318.9	260.4	278.9	287.7
50°	510.1	286.7	244.8	266.3	275.0
52.5°	443.8	258.5	229.2	251.6	261.4
55°	377.4	231.2	212.6	236.0	243.8
57.5°	319.9	205.8	195.1	218.5	224.3
60°	266.3	181.4	177.5	199.0	205.8
62.5°	217.5	160.0	160.9	181.4	188.2
65°	177.5	139.5	146.3	164.8	170.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	144.3	120.0	131.7	151.2	156.1
70°	114.1	102.4	120.0	137.5	142.4
72.5°	90.7	86.8	108.3	126.8	130.7
75°	69.2	72.2	98.5	116.1	120.9
77.5°	49.7	60.5	88.8	107.3	111.2
80°	35.1	49.7	81.0	99.5	103.4
82.5°	22.4	41.0	73.1	92.7	96.6
85°	11.7	33.2	66.3	85.8	89.7
87.5°	4.9	27.3	59.5	79.0	82.9
90°	0.0	22.4	53.6	73.1	76.1
92.5°	0.0	19.5	48.8	67.3	70.2
95°	0.0	16.6	44.9	61.4	64.4
97.5°	0.0	15.6	40.0	56.6	59.5
100°	0.0	13.7	36.1	51.7	55.6
102.5°	0.0	12.7	33.2	46.8	50.7
105°	0.0	11.7	30.2	42.9	46.8
107.5°	0.0	10.7	28.3	40.0	42.9
110°	0.0	10.7	25.4	37.1	40.0
112.5°	1.0	9.8	23.4	33.2	36.1
115°	1.0	9.8	21.5	31.2	33.2
117.5°	1.0	9.8	20.5	28.3	30.2
120°	1.0	8.8	19.5	26.3	28.3
122.5°	1.0	8.8	18.5	24.4	25.4
125°	1.0	7.8	17.6	22.4	24.4
127.5°	1.0	7.8	16.6	21.5	22.4
130°	1.0	7.8	15.6	19.5	21.5
132.5°	1.0	6.8	14.6	18.5	19.5
135°	1.0	6.8	13.7	17.6	18.5
137.5°	1.0	5.9	12.7	16.6	17.6
140°	1.0	5.9	11.7	15.6	16.6
142.5°	1.0	4.9	10.7	14.6	15.6
145°	1.0	4.9	9.8	13.7	14.6
147.5°	1.0	4.9	8.8	12.7	13.7
150°	1.0	3.9	7.8	11.7	12.7
152.5°	1.0	3.9	6.8	10.7	11.7
155°	1.0	3.9	6.8	9.8	10.7
157.5°	1.0	2.9	5.9	7.8	9.8
160°	1.0	2.9	4.9	6.8	8.8
162.5°	1.0	2.9	4.9	5.9	6.8
165°	1.0	2.0	3.9	4.9	5.9
167.5°	1.0	2.0	2.9	3.9	4.9
170°	1.0	2.0	2.9	2.9	3.9
172.5°	1.0	2.0	2.0	2.0	2.0
175°	2.0	2.0	2.0	2.0	1.0
177.5°	2.0	2.0	2.0	1.0	1.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	1.0	1.0	1.0	1.0	1.0

(END OF REPORT)