

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: P567092

Luminaire Tested: **4SNX-SL3-LN-UNV-CC93-CD-3500K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567092
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-3500K-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, LOW LUMEN SETTING, AND LN LENS
Light Source: -
Ballast/Driver: -

Summary

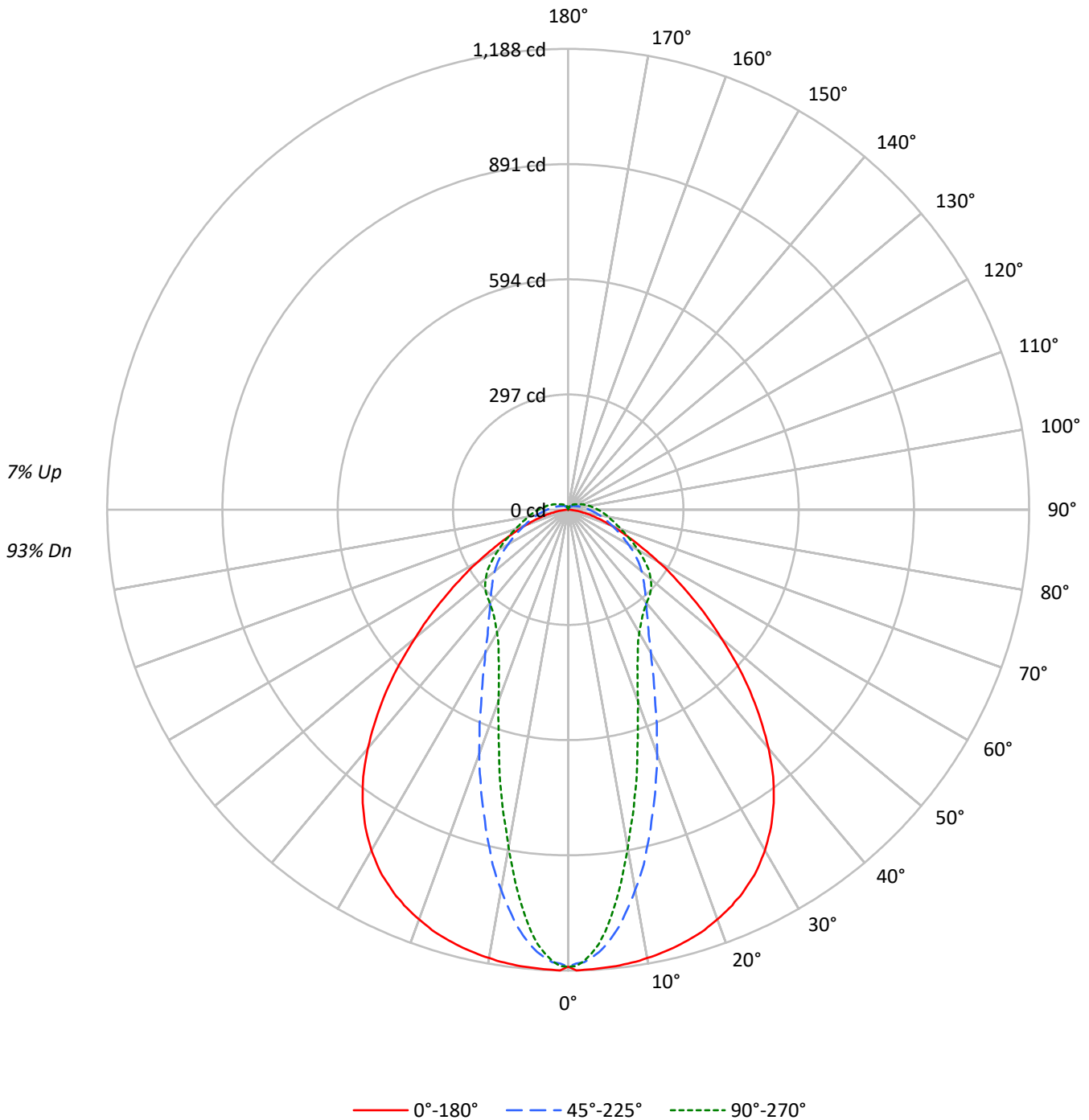
Lumens per Lamp: N/A
Luminaire Lumens: 1878.0 lumens
Efficiency: N/A
Efficacy: 112.2 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

Input Watts (W): 16.731
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	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°	12681	12681	12681
5°	12747	11656	11154
10°	12730	9994	8654
15°	12723	8152	6486
20°	12683	6494	4854
25°	12567	5088	3852
30°	12305	4119	3286
35°	11787	3486	2989
40°	10903	3077	2829
45°	9695	2816	2742
50°	8213	2590	2590
55°	6747	2348	2366
60°	5395	2065	2075
65°	4187	1812	1805
70°	3253	1604	1597
75°	2516	1441	1455
80°	1775	1319	1352
85°	987	1229	1297



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.3	5.6
10°-20°	244.6	13.0
20°-30°	290.3	15.5
30°-40°	292.1	15.6
40°-50°	271.5	14.5
50°-60°	223.6	11.9
60°-70°	157.5	8.4
70°-80°	102.9	5.5
80°-90°	65.7	3.5
90°-100°	43.1	2.3
100°-110°	29.3	1.6
110°-120°	20.0	1.1
120°-130°	13.9	0.7
130°-140°	9.3	0.5
140°-150°	5.8	0.3
150°-160°	3.0	0.2
160°-170°	1.1	0.1
170°-180°	0.2	0.0
0°-30°	639.2	34.0
0°-40°	931.2	49.6
0°-60°	1426.3	75.9
0°-90°	1752.4	93.3
90°-120°	92.4	4.9
90°-150°	121.4	6.5
90°-180°	126.0	6.7
0°-180°	1878.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1178	1178	1178	1178	1178	
5°	1184	1168	1126	1104	1092	113
15°	1154	1032	830	725	686	326
25°	1079	797	528	444	425	496
35°	923	539	358	336	334	574
45°	663	355	278	292	300	509
55°	381	233	215	238	246	344
65°	179	141	148	166	172	182
75°	70	73	99	117	122	76
85°	12	34	67	87	90	15
90°	0	23	54	74	77	1
95°	0	17	45	62	65	0
105°	0	12	30	43	47	0
115°	1	10	22	32	34	1
125°	1	8	18	23	25	1
135°	1	7	14	18	19	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°	1178.1	1178.1	1178.1	1178.1	1178.1
1°	1188.0	1183.0	1170.3	1179.1	1177.1
2°	1187.0	1182.1	1167.3	1171.2	1164.3
3°	1186.0	1179.1	1156.5	1155.5	1145.6
4°	1185.0	1174.2	1142.7	1130.9	1123.0
5°	1184.0	1168.3	1126.0	1104.3	1092.5
6°	1183.0	1161.4	1104.3	1071.8	1055.1
7°	1181.1	1150.6	1081.7	1037.4	1015.7
8°	1179.1	1140.7	1053.1	1000.0	973.4
9°	1177.1	1127.9	1024.6	959.6	928.1
10°	1173.2	1115.1	995.1	918.3	884.8
11°	1171.2	1100.4	966.5	878.9	839.5
12°	1167.3	1084.6	936.0	837.6	803.1
13°	1163.4	1067.9	898.6	802.1	760.8
14°	1159.4	1050.2	866.1	762.8	724.4
15°	1154.5	1031.5	829.7	725.4	686.0
16°	1149.6	1009.8	797.2	687.0	645.7
17°	1144.7	989.2	766.7	651.6	614.2
18°	1138.8	968.5	731.3	617.1	580.7
19°	1130.9	944.9	702.7	585.6	552.2
20°	1124.0	923.2	670.3	556.1	526.6
21°	1116.1	896.6	637.8	528.5	499.0
22.5°	1104.3	859.2	596.4	494.1	466.5
23°	1098.4	848.4	579.7	481.3	457.7
24°	1090.5	819.9	552.2	461.6	438.0
25°	1078.7	797.2	528.5	443.9	425.2
26°	1067.9	769.7	504.9	428.1	409.4
27°	1057.1	743.1	484.2	411.4	395.7
28°	1043.3	715.5	461.6	397.6	383.9
29°	1028.5	689.9	442.9	385.8	375.0
30°	1013.8	661.4	427.2	375.0	366.1
32.5°	972.4	598.4	386.8	354.3	348.4
35°	923.2	539.4	358.3	335.6	333.7
37.5°	868.1	485.2	332.7	320.9	322.8
40°	803.1	436.0	311.0	310.0	314.0
42.5°	734.2	393.7	294.3	301.2	307.1
45°	663.4	355.3	277.6	292.3	300.2
47.5°	589.6	321.8	262.8	281.5	290.3
50°	514.8	289.4	247.0	268.7	277.6
52.5°	447.8	260.8	231.3	253.9	263.8
55°	380.9	233.3	214.6	238.2	246.1
57.5°	322.8	207.7	196.8	220.5	226.4
60°	268.7	183.1	179.1	200.8	207.7
62.5°	219.5	161.4	162.4	183.1	190.0
65°	179.1	140.7	147.6	166.3	172.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	145.7	121.1	132.9	152.6	157.5
70°	115.2	103.3	121.1	138.8	143.7
72.5°	91.5	87.6	109.2	128.0	131.9
75°	69.9	72.8	99.4	117.1	122.0
77.5°	50.2	61.0	89.6	108.3	112.2
80°	35.4	50.2	81.7	100.4	104.3
82.5°	22.6	41.3	73.8	93.5	97.4
85°	11.8	33.5	66.9	86.6	90.5
87.5°	4.9	27.6	60.0	79.7	83.7
90°	0.0	22.6	54.1	73.8	76.8
92.5°	0.0	19.7	49.2	67.9	70.9
95°	0.0	16.7	45.3	62.0	65.0
97.5°	0.0	15.7	40.4	57.1	60.0
100°	0.0	13.8	36.4	52.2	56.1
102.5°	0.0	12.8	33.5	47.2	51.2
105°	0.0	11.8	30.5	43.3	47.2
107.5°	0.0	10.8	28.5	40.4	43.3
110°	0.0	10.8	25.6	37.4	40.4
112.5°	1.0	9.8	23.6	33.5	36.4
115°	1.0	9.8	21.7	31.5	33.5
117.5°	1.0	9.8	20.7	28.5	30.5
120°	1.0	8.9	19.7	26.6	28.5
122.5°	1.0	8.9	18.7	24.6	25.6
125°	1.0	7.9	17.7	22.6	24.6
127.5°	1.0	7.9	16.7	21.7	22.6
130°	1.0	7.9	15.7	19.7	21.7
132.5°	1.0	6.9	14.8	18.7	19.7
135°	1.0	6.9	13.8	17.7	18.7
137.5°	1.0	5.9	12.8	16.7	17.7
140°	1.0	5.9	11.8	15.7	16.7
142.5°	1.0	4.9	10.8	14.8	15.7
145°	1.0	4.9	9.8	13.8	14.8
147.5°	1.0	4.9	8.9	12.8	13.8
150°	1.0	3.9	7.9	11.8	12.8
152.5°	1.0	3.9	6.9	10.8	11.8
155°	1.0	3.9	6.9	9.8	10.8
157.5°	1.0	3.0	5.9	7.9	9.8
160°	1.0	3.0	4.9	6.9	8.9
162.5°	1.0	3.0	4.9	5.9	6.9
165°	1.0	2.0	3.9	4.9	5.9
167.5°	1.0	2.0	3.0	3.9	4.9
170°	1.0	2.0	3.0	3.0	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)