

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: P567095

Luminaire Tested: **4SNX-SL3-LN-UNV-CC93-CD-4000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567095
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-4000K-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, LOW LUMEN SETTING, AND LN LENS
Light Source: -
Ballast/Driver: -

Summary

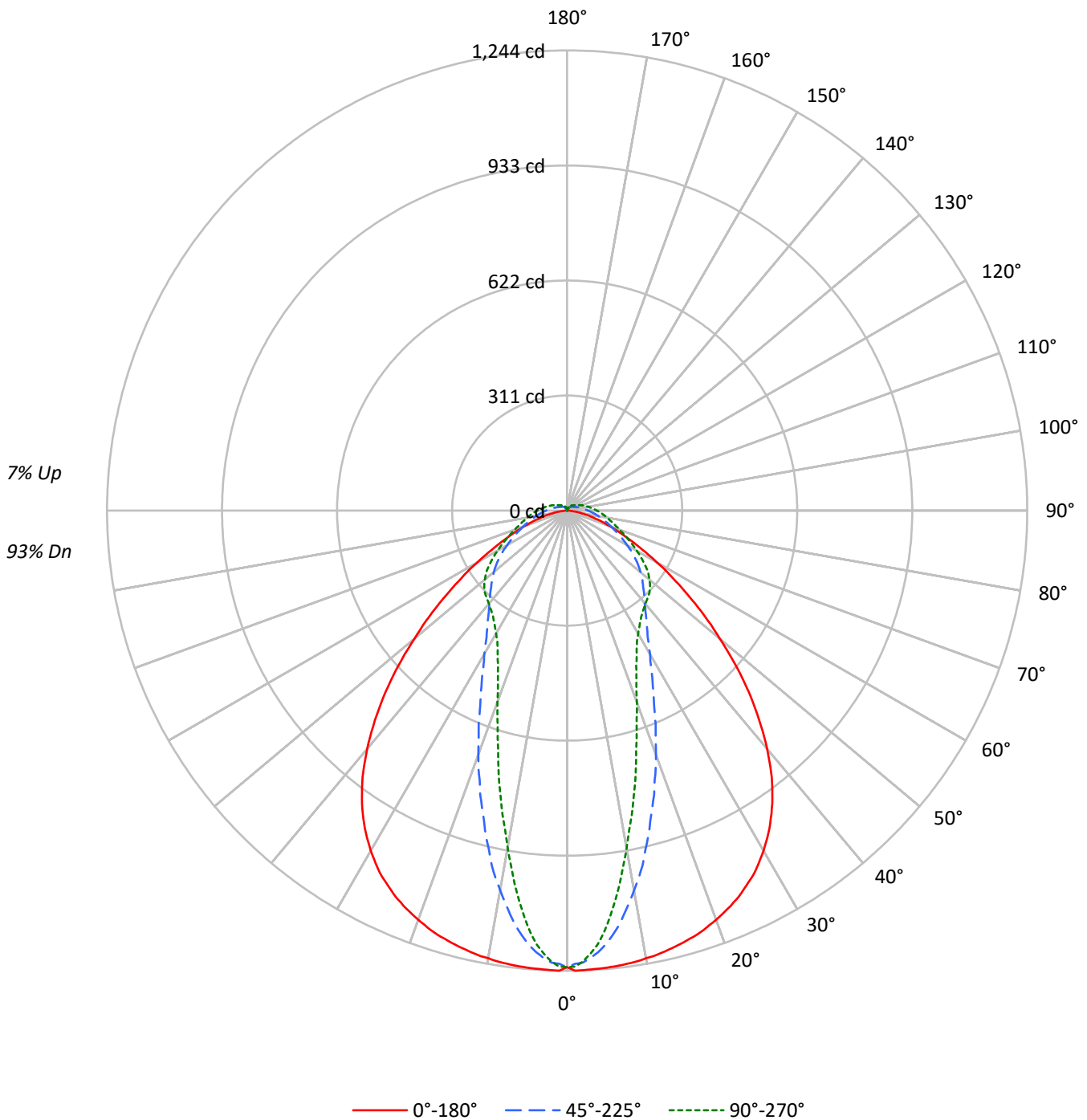
Lumens per Lamp: N/A
Luminaire Lumens: 1966.9 lumens
Efficiency: N/A
Efficacy: 121.9 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

Input Watts (W): 16.137
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	68	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°	13283	13283	13283
5°	13351	12207	11683
10°	13333	10467	9064
15°	13326	8538	6793
20°	13284	6801	5084
25°	13163	5330	4034
30°	12887	4313	3442
35°	12346	3650	3131
40°	11421	3223	2963
45°	10154	2948	2872
50°	8601	2713	2713
55°	7065	2458	2477
60°	5650	2163	2173
65°	4386	1898	1891
70°	3406	1679	1673
75°	2635	1509	1524
80°	1860	1382	1417
85°	1037	1287	1358



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.3	5.6
10°-20°	256.1	13.0
20°-30°	304.0	15.5
30°-40°	305.9	15.6
40°-50°	284.3	14.5
50°-60°	234.1	11.9
60°-70°	165.0	8.4
70°-80°	107.8	5.5
80°-90°	68.8	3.5
90°-100°	45.1	2.3
100°-110°	30.6	1.6
110°-120°	21.0	1.1
120°-130°	14.5	0.7
130°-140°	9.8	0.5
140°-150°	6.0	0.3
150°-160°	3.1	0.2
160°-170°	1.1	0.1
170°-180°	0.2	0.0
0°-30°	669.5	34.0
0°-40°	975.4	49.6
0°-60°	1493.8	75.9
0°-90°	1835.4	93.3
90°-120°	96.7	4.9
90°-150°	127.1	6.5
90°-180°	132.0	6.7
0°-180°	1966.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1234	1234	1234	1234	1234	
5°	1240	1224	1179	1157	1144	118
15°	1209	1080	869	760	718	341
25°	1130	835	554	465	445	520
35°	967	565	375	352	350	601
45°	695	372	291	306	314	533
55°	399	244	225	250	258	360
65°	188	147	155	174	180	190
75°	73	76	104	123	128	79
85°	12	35	70	91	95	16
90°	0	24	57	77	80	1
95°	0	18	47	65	68	0
105°	0	12	32	45	50	0
115°	1	10	23	33	35	1
125°	1	8	19	24	26	1
135°	1	7	14	19	20	1
145°	1	5	10	14	16	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°	1234.0	1234.0	1234.0	1234.0	1234.0
1°	1244.3	1239.1	1225.7	1235.0	1232.9
2°	1243.2	1238.1	1222.6	1226.7	1219.5
3°	1242.2	1235.0	1211.3	1210.2	1199.9
4°	1241.2	1229.8	1196.8	1184.5	1176.2
5°	1240.1	1223.6	1179.3	1156.6	1144.3
6°	1239.1	1216.4	1156.6	1122.6	1105.1
7°	1237.1	1205.1	1132.9	1086.5	1063.9
8°	1235.0	1194.8	1103.0	1047.4	1019.5
9°	1232.9	1181.4	1073.1	1005.1	972.1
10°	1228.8	1168.0	1042.2	961.8	926.8
11°	1226.7	1152.5	1012.3	920.6	879.3
12°	1222.6	1136.0	980.4	877.3	841.2
13°	1218.5	1118.5	941.2	840.2	796.9
14°	1214.4	1099.9	907.2	798.9	758.7
15°	1209.2	1080.4	869.0	759.8	718.5
16°	1204.1	1057.7	835.0	719.6	676.3
17°	1198.9	1036.0	803.1	682.4	643.3
18°	1192.7	1014.4	765.9	646.4	608.2
19°	1184.5	989.6	736.0	613.4	578.3
20°	1177.3	967.0	702.0	582.4	551.5
21°	1169.0	939.1	668.0	553.6	522.7
22.5°	1156.6	900.0	624.7	517.5	488.6
23°	1150.5	888.6	607.2	504.1	479.4
24°	1142.2	858.7	578.3	483.5	458.7
25°	1129.8	835.0	553.6	464.9	445.3
26°	1118.5	806.1	528.8	448.4	428.8
27°	1107.2	778.3	507.2	430.9	414.4
28°	1092.7	749.4	483.5	416.5	402.0
29°	1077.3	722.6	463.9	404.1	392.8
30°	1061.8	692.7	447.4	392.8	383.5
32.5°	1018.5	626.8	405.1	371.1	364.9
35°	967.0	564.9	375.2	351.5	349.5
37.5°	909.2	508.2	348.4	336.1	338.1
40°	841.2	456.7	325.8	324.7	328.8
42.5°	769.0	412.4	308.2	315.4	321.6
45°	694.8	372.1	290.7	306.2	314.4
47.5°	617.5	337.1	275.2	294.8	304.1
50°	539.1	303.1	258.7	281.4	290.7
52.5°	469.0	273.2	242.3	266.0	276.3
55°	398.9	244.3	224.7	249.5	257.7
57.5°	338.1	217.5	206.2	230.9	237.1
60°	281.4	191.7	187.6	210.3	217.5
62.5°	229.9	169.1	170.1	191.7	199.0
65°	187.6	147.4	154.6	174.2	180.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	152.6	126.8	139.2	159.8	164.9
70°	120.6	108.2	126.8	145.4	150.5
72.5°	95.9	91.7	114.4	134.0	138.1
75°	73.2	76.3	104.1	122.7	127.8
77.5°	52.6	63.9	93.8	113.4	117.5
80°	37.1	52.6	85.6	105.1	109.3
82.5°	23.7	43.3	77.3	97.9	102.1
85°	12.4	35.0	70.1	90.7	94.8
87.5°	5.2	28.9	62.9	83.5	87.6
90°	0.0	23.7	56.7	77.3	80.4
92.5°	0.0	20.6	51.5	71.1	74.2
95°	0.0	17.5	47.4	64.9	68.0
97.5°	0.0	16.5	42.3	59.8	62.9
100°	0.0	14.4	38.1	54.6	58.8
102.5°	0.0	13.4	35.0	49.5	53.6
105°	0.0	12.4	32.0	45.4	49.5
107.5°	0.0	11.3	29.9	42.3	45.4
110°	0.0	11.3	26.8	39.2	42.3
112.5°	1.0	10.3	24.7	35.0	38.1
115°	1.0	10.3	22.7	33.0	35.0
117.5°	1.0	10.3	21.6	29.9	32.0
120°	1.0	9.3	20.6	27.8	29.9
122.5°	1.0	9.3	19.6	25.8	26.8
125°	1.0	8.2	18.6	23.7	25.8
127.5°	1.0	8.2	17.5	22.7	23.7
130°	1.0	8.2	16.5	20.6	22.7
132.5°	1.0	7.2	15.5	19.6	20.6
135°	1.0	7.2	14.4	18.6	19.6
137.5°	1.0	6.2	13.4	17.5	18.6
140°	1.0	6.2	12.4	16.5	17.5
142.5°	1.0	5.2	11.3	15.5	16.5
145°	1.0	5.2	10.3	14.4	15.5
147.5°	1.0	5.2	9.3	13.4	14.4
150°	1.0	4.1	8.2	12.4	13.4
152.5°	1.0	4.1	7.2	11.3	12.4
155°	1.0	4.1	7.2	10.3	11.3
157.5°	1.0	3.1	6.2	8.2	10.3
160°	1.0	3.1	5.2	7.2	9.3
162.5°	1.0	3.1	5.2	6.2	7.2
165°	1.0	2.1	4.1	5.2	6.2
167.5°	1.0	2.1	3.1	4.1	5.2
170°	1.0	2.1	3.1	3.1	4.1
172.5°	1.0	2.1	2.1	2.1	2.1
175°	2.1	2.1	2.1	2.1	1.0
177.5°	2.1	2.1	2.1	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)