

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: P567130

Luminaire Tested: **4SNX-SL3-SLW-UNV-CC93-CD-4000K-HI**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567130  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4SNX-SL3-SLW-UNV-CC93-CD-4000K-HI  
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, HI LUMEN SETTING, AND SLW LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

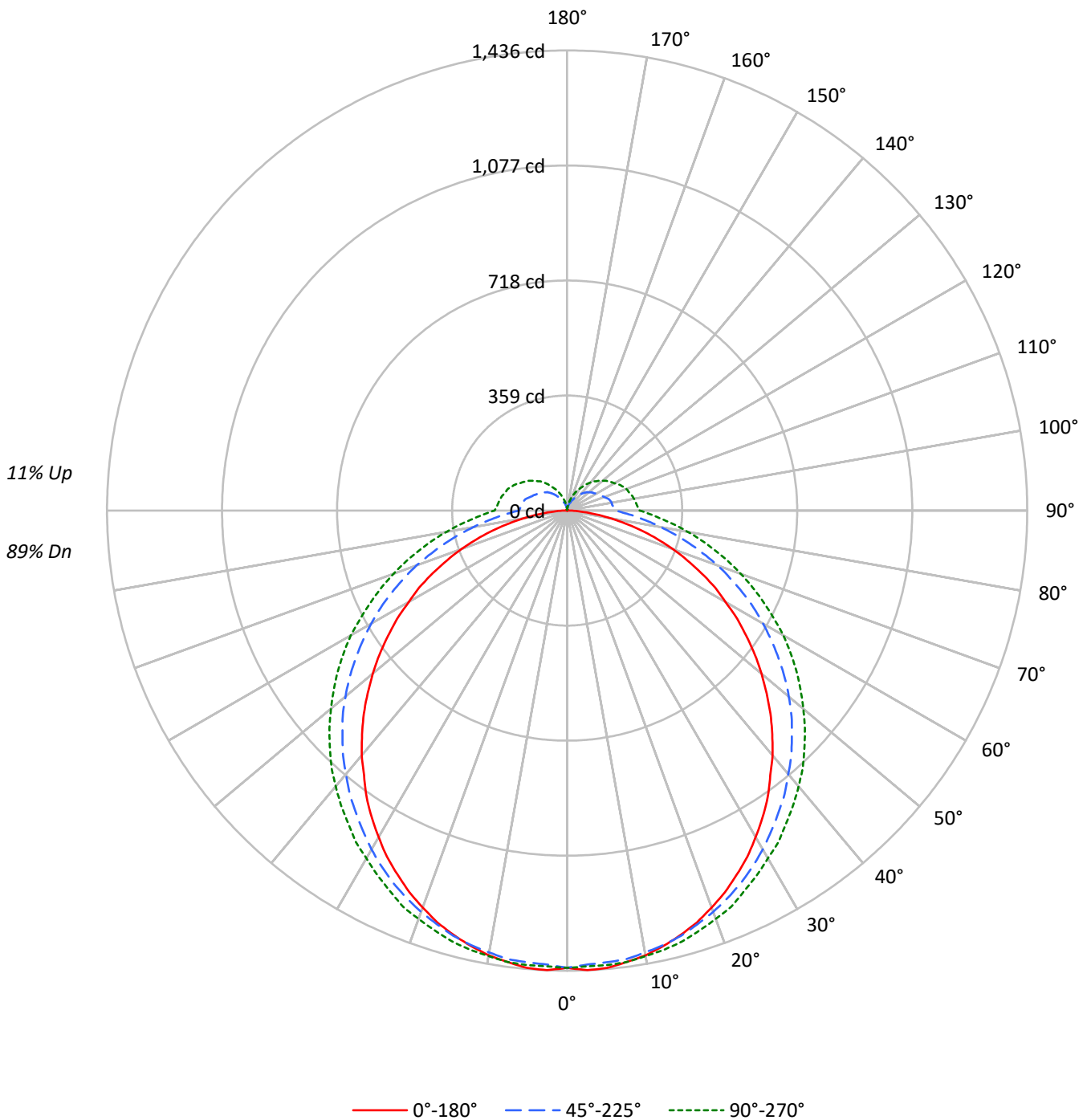
Lumens per Lamp: N/A  
Luminaire Lumens: 5079.0 lumens  
Efficiency: N/A  
Efficacy: 103.9 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')  
CIE Type: Semi-Direct

Input Watts (W): 48.9  
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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	100	95	90	101	96	92	88	90	86	83	84	81	79	79	76	74	71
2	95	86	79	73	91	83	77	71	78	72	68	73	68	64	68	65	61	58
3	86	75	67	60	83	73	65	59	68	61	56	64	58	54	60	55	51	49
4	79	66	57	50	75	64	56	49	60	53	47	57	50	46	53	48	44	41
5	72	59	50	43	69	57	49	42	54	46	41	51	44	39	48	42	38	35
6	67	53	44	37	64	51	43	37	48	41	35	46	39	34	43	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	39	34	29	27
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	30	26	24
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	24	22
10	50	37	29	24	48	36	28	23	34	27	23	32	26	22	31	25	21	20

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

	0°	45°	90°
0°	15357	15357	15357
5°	15451	14962	14950
10°	15345	14659	14580
15°	15191	14350	14239
20°	14983	13994	13859
25°	14740	13646	13462
30°	14452	13263	13070
35°	14136	12867	12702
40°	13772	12476	12349
45°	13380	12078	11968
50°	12931	11658	11541
55°	12439	11153	11122
60°	11860	10613	10654
65°	11261	10006	10066
70°	10424	9339	9490
75°	9310	8490	8851
80°	7504	7627	8222
85°	5281	6885	7578



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	135.5	2.7
10°-20°	389.5	7.7
20°-30°	592.3	11.7
30°-40°	718.9	14.2
40°-50°	759.7	15.0
50°-60°	710.9	14.0
60°-70°	583.3	11.5
70°-80°	401.2	7.9
80°-90°	219.7	4.3
90°-100°	141.5	2.8
100°-110°	126.9	2.5
110°-120°	105.1	2.1
120°-130°	80.9	1.6
130°-140°	56.8	1.1
140°-150°	34.3	0.7
150°-160°	16.4	0.3
160°-170°	5.4	0.1
170°-180°	0.6	0.0
0°-30°	1117.3	22.0
0°-40°	1836.2	36.2
0°-60°	3306.8	65.1
0°-90°	4511.0	88.8
90°-120°	373.5	7.4
90°-150°	545.5	10.7
90°-180°	568.0	11.2
0°-180°	5079.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1427	1427	1427	1427	1427	
5°	1433	1430	1415	1427	1424	136
15°	1371	1377	1374	1391	1391	387
25°	1253	1268	1283	1309	1309	577
35°	1091	1118	1150	1182	1191	682
45°	897	938	991	1036	1047	692
55°	682	738	806	856	874	611
65°	462	524	603	659	677	457
75°	241	306	394	456	476	254
85°	53	126	215	274	294	61
90°	0	71	150	206	226	4
95°	0	68	144	197	218	0
105°	0	56	135	185	203	2
115°	3	50	115	165	185	3
125°	3	41	97	141	159	3
135°	3	32	79	115	129	2
145°	3	24	56	88	97	2
155°	3	15	35	56	65	1
165°	3	9	18	26	32	1
175°	3	3	6	6	3	0
180°	3	3	3	3	3	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1426.7	1426.7	1426.7	1426.7	1426.7
2.5°	1435.5	1432.6	1417.9	1429.6	1423.8
5°	1432.6	1429.6	1414.9	1426.7	1423.8
7.5°	1420.8	1420.8	1412.0	1423.8	1420.8
10°	1409.1	1409.1	1400.2	1414.9	1412.0
12.5°	1391.4	1394.3	1388.5	1406.1	1403.2
15°	1370.8	1376.7	1373.8	1391.4	1391.4
17.5°	1347.3	1353.2	1353.2	1373.8	1373.8
20°	1317.9	1326.7	1332.6	1356.1	1356.1
22.5°	1288.4	1300.2	1309.0	1329.6	1338.5
25°	1253.1	1267.9	1282.6	1309.0	1309.0
27.5°	1217.8	1235.5	1253.1	1279.6	1282.6
30°	1176.7	1197.3	1220.8	1247.3	1253.1
32.5°	1135.5	1162.0	1185.5	1217.8	1226.7
35°	1091.4	1117.8	1150.2	1182.5	1191.4
37.5°	1041.3	1073.7	1114.9	1150.2	1159.0
40°	997.2	1032.5	1073.7	1114.9	1123.7
42.5°	947.2	985.5	1035.5	1073.7	1088.4
45°	897.2	938.4	991.3	1035.5	1047.2
47.5°	844.3	891.3	950.2	991.3	1006.0
50°	791.3	841.3	903.1	950.2	961.9
52.5°	738.4	791.3	856.0	903.1	917.8
55°	682.5	738.4	806.0	856.0	873.7
57.5°	629.5	685.4	756.0	809.0	826.6
60°	570.7	635.4	706.0	758.9	779.5
62.5°	520.7	579.5	656.0	708.9	726.6
65°	461.8	523.6	603.0	658.9	676.6
67.5°	405.9	470.7	550.1	608.9	626.6
70°	350.1	414.8	500.1	556.0	576.6
72.5°	294.2	361.8	444.2	506.0	526.6
75°	241.2	305.9	394.2	456.0	476.5
77.5°	185.3	255.9	344.2	405.9	429.5
80°	135.3	208.9	297.1	358.9	382.4
82.5°	91.2	164.7	253.0	314.8	338.3
85°	52.9	126.5	214.7	273.6	294.2
87.5°	26.5	97.1	179.4	238.3	258.9
90°	0.0	70.6	150.0	205.9	226.5
92.5°	0.0	67.7	147.1	200.0	220.6
95°	0.0	67.7	144.1	197.1	217.7
97.5°	0.0	64.7	141.2	197.1	214.7
100°	0.0	61.8	141.2	194.1	211.8
102.5°	0.0	58.8	138.3	191.2	208.9
105°	0.0	55.9	135.3	185.3	203.0
107.5°	2.9	55.9	129.4	182.4	200.0
110°	2.9	52.9	123.5	179.4	197.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.9	50.0	117.7	173.6	191.2
115°	2.9	50.0	114.7	164.7	185.3
117.5°	2.9	47.1	108.8	158.8	179.4
120°	2.9	47.1	105.9	153.0	170.6
122.5°	2.9	44.1	100.0	147.1	164.7
125°	2.9	41.2	97.1	141.2	158.8
127.5°	2.9	38.2	94.1	135.3	153.0
130°	2.9	35.3	88.2	129.4	144.1
132.5°	2.9	35.3	85.3	120.6	138.3
135°	2.9	32.4	79.4	114.7	129.4
137.5°	2.9	29.4	73.5	108.8	123.5
140°	2.9	26.5	67.7	103.0	114.7
142.5°	2.9	26.5	61.8	94.1	105.9
145°	2.9	23.5	55.9	88.2	97.1
147.5°	2.9	20.6	50.0	79.4	88.2
150°	2.9	20.6	44.1	70.6	79.4
152.5°	2.9	17.6	38.2	64.7	73.5
155°	2.9	14.7	35.3	55.9	64.7
157.5°	2.9	14.7	29.4	47.1	55.9
160°	2.9	11.8	26.5	38.2	47.1
162.5°	2.9	11.8	23.5	32.4	41.2
165°	2.9	8.8	17.6	26.5	32.4
167.5°	2.9	8.8	14.7	20.6	26.5
170°	2.9	5.9	11.8	14.7	20.6
172.5°	2.9	5.9	8.8	8.8	8.8
175°	2.9	2.9	5.9	5.9	2.9
177.5°	2.9	2.9	2.9	2.9	2.9
180°	2.9	2.9	2.9	2.9	2.9

(END OF REPORT)