

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: P567081

Luminaire Tested: **4SNX-SL3-LC-UNV-CC93-CD-5000K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567081
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2205-663-1)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-SL3-LC-UNV-CC93-CD-5000K-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, MED LUMEN SETTING, AND LC LENS
Light Source: -
Ballast/Driver: -

Summary

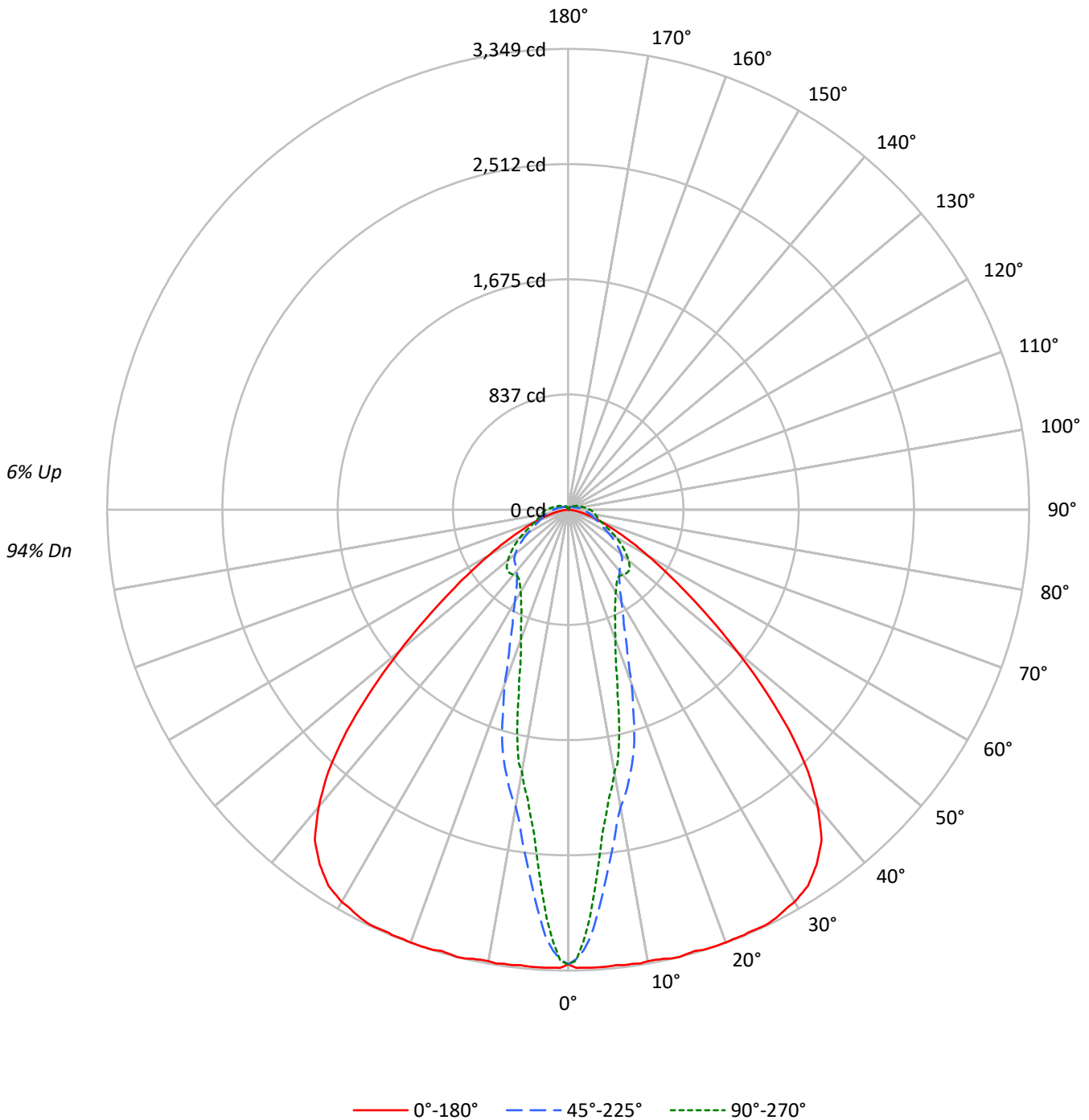
Lumens per Lamp: N/A
Luminaire Lumens: 4072.0 lumens
Efficiency: N/A
Efficacy: 120.7 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

Input Watts (W): 33.726
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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	108	103	99	96	105	101	97	94	95	92	90	90	88	86	86	84	82	80
2	99	92	86	80	96	89	84	79	85	80	76	81	77	74	77	74	71	69
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	70	66	62	60
4	85	74	66	60	82	72	65	59	69	63	58	66	61	56	63	59	55	53
5	79	67	59	53	76	66	58	52	63	56	51	60	55	50	58	53	49	47
6	73	61	53	47	71	60	52	47	58	51	46	56	50	45	53	48	44	42
7	69	56	48	43	67	55	48	42	53	46	42	51	45	41	50	44	40	38
8	64	52	44	39	63	51	44	39	49	43	38	48	42	37	46	41	37	35
9	61	48	41	36	59	47	40	35	46	39	35	44	39	34	43	38	34	32
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	40	35	31	30

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	35558	35558	35558
5°	35878	29205	26142
10°	36160	22047	18920
15°	36820	18022	13100
20°	37768	13041	9253
25°	38948	9343	7279
30°	39942	7464	6199
35°	40179	6314	5552
40°	38305	5739	5566
45°	33240	5545	5718
50°	25502	5274	5336
55°	18481	4611	4735
60°	13409	3849	4003
65°	9759	3254	3281
70°	7190	2874	2830
75°	5107	2661	2637
80°	3349	2492	2597
85°	1573	2376	2602



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	259.8	6.4
10°-20°	564.1	13.9
20°-30°	645.7	15.9
30°-40°	646.9	15.9
40°-50°	612.4	15.0
50°-60°	469.6	11.5
60°-70°	302.7	7.4
70°-80°	193.0	4.7
80°-90°	128.2	3.1
90°-100°	86.2	2.1
100°-110°	56.8	1.4
110°-120°	39.5	1.0
120°-130°	27.6	0.7
130°-140°	19.1	0.5
140°-150°	11.7	0.3
150°-160°	5.9	0.1
160°-170°	2.3	0.1
170°-180°	0.4	0.0
0°-30°	1469.7	36.1
0°-40°	2116.6	52.0
0°-60°	3198.6	78.6
0°-90°	3822.5	93.9
90°-120°	182.4	4.5
90°-150°	240.8	5.9
90°-180°	249.0	6.1
0°-180°	4072.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3303	3303	3303	3303	3303	
5°	3333	3149	2821	2632	2560	318
15°	3341	2406	1834	1507	1386	948
25°	3343	1703	970	843	803	1541
35°	3147	947	649	628	620	1952
45°	2275	599	547	605	626	1729
55°	1043	428	422	474	492	959
65°	417	269	265	303	313	429
75°	142	146	184	211	221	156
85°	19	67	129	169	182	26
90°	0	46	108	150	156	1
95°	0	33	90	123	129	0
105°	0	25	58	84	90	1
115°	2	21	44	60	65	2
125°	2	19	38	44	46	2
135°	2	15	29	36	38	2
145°	2	10	21	27	29	1
155°	2	6	12	19	21	1
165°	4	4	8	10	12	1
175°	4	4	4	4	2	0
180°	4	4	4	4	4	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3303.4	3303.4	3303.4	3303.4	3303.4
1°	3330.5	3311.8	3267.9	3280.4	3278.4
2°	3330.5	3290.9	3205.3	3180.3	3142.7
3°	3332.6	3255.4	3109.3	3027.9	2975.8
4°	3332.6	3203.2	2967.4	2831.8	2765.0
5°	3332.6	3149.0	2821.4	2631.5	2560.5
6°	3328.4	3084.3	2673.2	2472.9	2366.4
7°	3334.7	3013.3	2539.6	2324.7	2241.2
8°	3332.6	2929.9	2416.5	2212.0	2120.2
9°	3338.9	2848.5	2283.0	2105.6	2036.7
10°	3332.6	2773.4	2195.3	2005.4	1934.5
11°	3332.6	2700.3	2132.7	1940.7	1880.2
12°	3336.8	2616.8	2063.8	1848.9	1765.4
13°	3347.2	2531.3	1984.5	1748.7	1650.7
14°	3349.3	2466.6	1911.5	1621.4	1519.2
15°	3341.0	2406.1	1834.3	1506.7	1385.6
16°	3336.8	2343.5	1742.5	1398.2	1289.6
17°	3345.1	2270.4	1638.1	1287.6	1187.4
18°	3347.2	2203.7	1527.5	1204.1	1116.4
19°	3347.2	2151.5	1437.8	1126.9	1051.7
20°	3347.2	2101.4	1346.0	1068.4	1003.8
21°	3343.1	2038.8	1241.6	1007.9	953.7
22.5°	3345.1	1921.9	1122.7	937.0	893.2
23°	3338.9	1892.7	1093.5	918.2	872.3
24°	3341.0	1809.3	1030.9	880.6	836.8
25°	3343.1	1702.8	970.4	843.1	803.4
26°	3338.9	1617.3	920.3	807.6	780.5
27°	3328.4	1548.4	884.8	778.4	753.3
28°	3313.8	1456.6	847.2	753.3	730.4
29°	3299.2	1352.2	809.7	726.2	709.5
30°	3290.9	1268.8	774.2	705.3	690.7
32.5°	3240.8	1103.9	701.2	663.6	651.1
35°	3146.9	947.4	649.0	628.1	619.8
37.5°	3023.8	826.4	609.3	605.2	607.3
40°	2821.4	730.4	580.1	598.9	617.7
42.5°	2579.3	655.3	559.3	605.2	626.0
45°	2274.6	598.9	546.7	605.2	626.0
47.5°	1936.6	553.0	532.1	584.3	605.2
50°	1598.5	511.3	502.9	553.0	571.8
52.5°	1300.1	471.6	465.4	513.4	532.1
55°	1043.4	427.8	421.5	473.7	492.5
57.5°	836.8	386.1	379.8	427.8	446.6
60°	667.8	344.3	333.9	381.9	400.7
62.5°	532.1	304.7	298.4	340.1	356.8
65°	417.4	269.2	265.0	302.6	313.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	329.7	235.8	237.9	269.2	281.7
70°	254.6	204.5	217.0	246.2	254.6
72.5°	192.0	173.2	200.3	225.4	235.8
75°	141.9	146.1	183.6	210.8	221.2
77.5°	98.1	121.0	169.0	198.2	208.7
80°	66.8	98.1	154.4	187.8	200.3
82.5°	39.6	81.4	141.9	177.4	192.0
85°	18.8	66.8	129.4	169.0	181.6
87.5°	6.3	54.3	116.9	160.7	171.1
90°	0.0	45.9	108.5	150.2	156.5
92.5°	0.0	39.6	98.1	137.7	141.9
95°	0.0	33.4	89.7	123.1	129.4
97.5°	0.0	31.3	83.5	110.6	118.9
100°	0.0	29.2	75.1	100.2	108.5
102.5°	0.0	25.0	66.8	89.7	98.1
105°	0.0	25.0	58.4	83.5	89.7
107.5°	2.1	23.0	54.3	75.1	83.5
110°	2.1	23.0	48.0	71.0	77.2
112.5°	2.1	23.0	45.9	64.7	73.0
115°	2.1	20.9	43.8	60.5	64.7
117.5°	2.1	20.9	41.7	54.3	58.4
120°	2.1	18.8	39.6	50.1	52.2
122.5°	2.1	18.8	37.6	45.9	48.0
125°	2.1	18.8	37.6	43.8	45.9
127.5°	2.1	16.7	35.5	41.7	41.7
130°	2.1	16.7	33.4	39.6	39.6
132.5°	2.1	14.6	31.3	37.6	39.6
135°	2.1	14.6	29.2	35.5	37.6
137.5°	2.1	12.5	27.1	33.4	35.5
140°	2.1	12.5	25.0	31.3	33.4
142.5°	2.1	10.4	23.0	29.2	31.3
145°	2.1	10.4	20.9	27.1	29.2
147.5°	2.1	10.4	18.8	25.0	27.1
150°	2.1	8.3	16.7	23.0	25.0
152.5°	2.1	8.3	14.6	20.9	23.0
155°	2.1	6.3	12.5	18.8	20.9
157.5°	2.1	6.3	12.5	16.7	18.8
160°	4.2	6.3	10.4	14.6	16.7
162.5°	2.1	4.2	10.4	12.5	14.6
165°	4.2	4.2	8.3	10.4	12.5
167.5°	4.2	4.2	6.3	8.3	10.4
170°	4.2	4.2	6.3	6.3	8.3
172.5°	4.2	4.2	4.2	6.3	4.2
175°	4.2	4.2	4.2	4.2	2.1
177.5°	4.2	4.2	4.2	4.2	2.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	4.2	4.2	4.2	4.2	4.2

(END OF REPORT)