

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: P567099

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567099
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-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, MED LUMEN SETTING, AND LN LENS
Light Source: -
Ballast/Driver: -

Summary

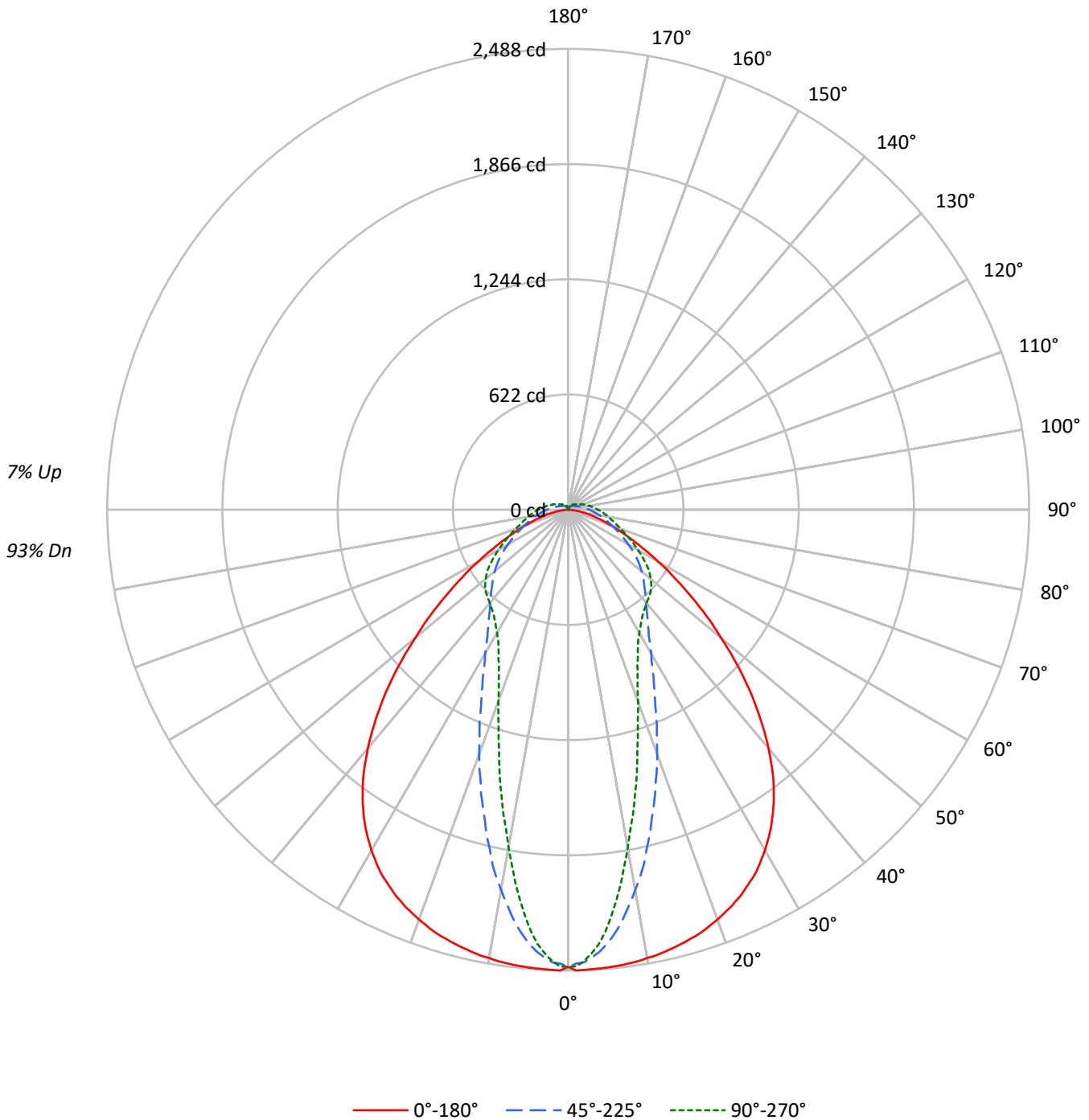
Lumens per Lamp: N/A
Luminaire Lumens: 3934.0 lumens
Efficiency: N/A
Efficacy: 116.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

Input Watts (W): 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	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°	26564	26564	26564
5°	26702	24415	23365
10°	26666	20934	18128
15°	26652	17077	13586
20°	26567	13604	10167
25°	26326	10660	8070
30°	25774	8627	6884
35°	24692	7301	6261
40°	22841	6445	5926
45°	20307	5897	5743
50°	17203	5427	5425
55°	14133	4918	4955
60°	11302	4325	4346
65°	8772	3798	3782
70°	6811	3359	3345
75°	5269	3018	3049
80°	3720	2762	2833
85°	2066	2575	2718



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	218.5	5.6
10°-20°	512.3	13.0
20°-30°	608.1	15.5
30°-40°	611.8	15.6
40°-50°	568.7	14.5
50°-60°	468.3	11.9
60°-70°	330.0	8.4
70°-80°	215.6	5.5
80°-90°	137.6	3.5
90°-100°	90.3	2.3
100°-110°	61.3	1.6
110°-120°	42.0	1.1
120°-130°	29.1	0.7
130°-140°	19.6	0.5
140°-150°	12.1	0.3
150°-160°	6.2	0.2
160°-170°	2.3	0.1
170°-180°	0.4	0.0
0°-30°	1338.9	34.0
0°-40°	1950.7	49.6
0°-60°	2987.7	75.9
0°-90°	3670.9	93.3
90°-120°	193.5	4.9
90°-150°	254.2	6.5
90°-180°	263.0	6.7
0°-180°	3934.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2468	2468	2468	2468	2468	
5°	2480	2447	2359	2313	2288	236
15°	2418	2161	1738	1520	1437	683
25°	2260	1670	1107	930	891	1040
35°	1934	1130	750	703	699	1203
45°	1390	744	581	612	629	1067
55°	798	489	450	499	515	721
65°	375	295	309	348	361	381
75°	146	153	208	245	256	158
85°	25	70	140	181	190	31
90°	0	47	113	155	161	1
95°	0	35	95	130	136	0
105°	0	25	64	91	99	0
115°	2	21	45	66	70	2
125°	2	16	37	47	52	2
135°	2	14	29	37	39	2
145°	2	10	21	29	31	1
155°	2	8	14	21	23	1
165°	2	4	8	10	12	1
175°	4	4	4	4	2	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2467.9	2467.9	2467.9	2467.9	2467.9
1°	2488.5	2478.2	2451.4	2470.0	2465.9
2°	2486.5	2476.2	2445.2	2453.5	2439.1
3°	2484.4	2470.0	2422.6	2420.5	2399.9
4°	2482.3	2459.7	2393.7	2369.0	2352.5
5°	2480.3	2447.3	2358.6	2313.3	2288.5
6°	2478.2	2432.9	2313.3	2245.2	2210.2
7°	2474.1	2410.2	2265.9	2173.1	2127.7
8°	2470.0	2389.6	2206.1	2094.7	2039.1
9°	2465.9	2362.8	2146.3	2010.2	1944.2
10°	2457.6	2336.0	2084.4	1923.6	1853.5
11°	2453.5	2305.0	2024.6	1841.1	1758.7
12°	2445.2	2272.0	1960.7	1754.6	1682.4
13°	2437.0	2237.0	1882.4	1680.3	1593.7
14°	2428.7	2199.9	1814.3	1597.9	1517.4
15°	2418.4	2160.7	1738.1	1519.5	1437.0
16°	2408.1	2115.4	1670.0	1439.1	1352.5
17°	2397.8	2072.1	1606.1	1364.9	1286.5
18°	2385.4	2028.8	1531.9	1292.7	1216.4
19°	2369.0	1979.3	1472.1	1226.7	1156.6
20°	2354.5	1933.9	1404.1	1164.9	1103.0
21°	2338.0	1878.3	1336.0	1107.2	1045.3
22.5°	2313.3	1799.9	1249.4	1035.0	977.3
23°	2300.9	1777.2	1214.4	1008.2	958.7
24°	2284.4	1717.4	1156.6	967.0	917.5
25°	2259.7	1670.0	1107.2	929.8	890.7
26°	2237.0	1612.3	1057.7	896.9	857.7
27°	2214.3	1556.6	1014.4	861.8	828.8
28°	2185.5	1498.9	967.0	832.9	804.1
29°	2154.5	1445.3	927.8	808.2	785.5
30°	2123.6	1385.5	894.8	785.5	767.0
32.5°	2037.0	1253.5	810.3	742.2	729.9
35°	1933.9	1129.8	750.5	703.1	698.9
37.5°	1818.5	1016.4	696.9	672.1	676.3
40°	1682.4	913.4	651.5	649.5	657.7
42.5°	1538.1	824.7	616.5	630.9	643.3
45°	1389.6	744.3	581.4	612.3	628.8
47.5°	1235.0	674.2	550.5	589.7	608.2
50°	1078.3	606.2	517.5	562.9	581.4
52.5°	938.1	546.4	484.5	531.9	552.5
55°	797.9	488.6	449.5	498.9	515.4
57.5°	676.3	435.0	412.4	461.8	474.2
60°	562.9	383.5	375.2	420.6	435.0
62.5°	459.8	338.1	340.2	383.5	397.9
65°	375.2	294.8	309.3	348.4	360.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	305.1	253.6	278.3	319.6	329.9
70°	241.2	216.5	253.6	290.7	301.0
72.5°	191.7	183.5	228.9	268.0	276.3
75°	146.4	152.6	208.2	245.3	255.7
77.5°	105.1	127.8	187.6	226.8	235.0
80°	74.2	105.1	171.1	210.3	218.5
82.5°	47.4	86.6	154.6	195.9	204.1
85°	24.7	70.1	140.2	181.4	189.7
87.5°	10.3	57.7	125.8	167.0	175.2
90°	0.0	47.4	113.4	154.6	160.8
92.5°	0.0	41.2	103.1	142.3	148.4
95°	0.0	35.0	94.8	129.9	136.1
97.5°	0.0	33.0	84.5	119.6	125.8
100°	0.0	28.9	76.3	109.3	117.5
102.5°	0.0	26.8	70.1	99.0	107.2
105°	0.0	24.7	63.9	90.7	99.0
107.5°	0.0	22.7	59.8	84.5	90.7
110°	0.0	22.7	53.6	78.3	84.5
112.5°	2.1	20.6	49.5	70.1	76.3
115°	2.1	20.6	45.4	66.0	70.1
117.5°	2.1	20.6	43.3	59.8	63.9
120°	2.1	18.6	41.2	55.7	59.8
122.5°	2.1	18.6	39.2	51.5	53.6
125°	2.1	16.5	37.1	47.4	51.5
127.5°	2.1	16.5	35.0	45.4	47.4
130°	2.1	16.5	33.0	41.2	45.4
132.5°	2.1	14.4	30.9	39.2	41.2
135°	2.1	14.4	28.9	37.1	39.2
137.5°	2.1	12.4	26.8	35.0	37.1
140°	2.1	12.4	24.7	33.0	35.0
142.5°	2.1	10.3	22.7	30.9	33.0
145°	2.1	10.3	20.6	28.9	30.9
147.5°	2.1	10.3	18.6	26.8	28.9
150°	2.1	8.2	16.5	24.7	26.8
152.5°	2.1	8.2	14.4	22.7	24.7
155°	2.1	8.2	14.4	20.6	22.7
157.5°	2.1	6.2	12.4	16.5	20.6
160°	2.1	6.2	10.3	14.4	18.6
162.5°	2.1	6.2	10.3	12.4	14.4
165°	2.1	4.1	8.2	10.3	12.4
167.5°	2.1	4.1	6.2	8.2	10.3
170°	2.1	4.1	6.2	6.2	8.2
172.5°	2.1	4.1	4.1	4.1	4.1
175°	4.1	4.1	4.1	4.1	2.1
177.5°	4.1	4.1	4.1	2.1	2.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.1	2.1	2.1	2.1	2.1

(END OF REPORT)