

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: P567094

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567094
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-HI
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, HI LUMEN SETTING, AND LN LENS
Light Source: -
Ballast/Driver: -

Summary

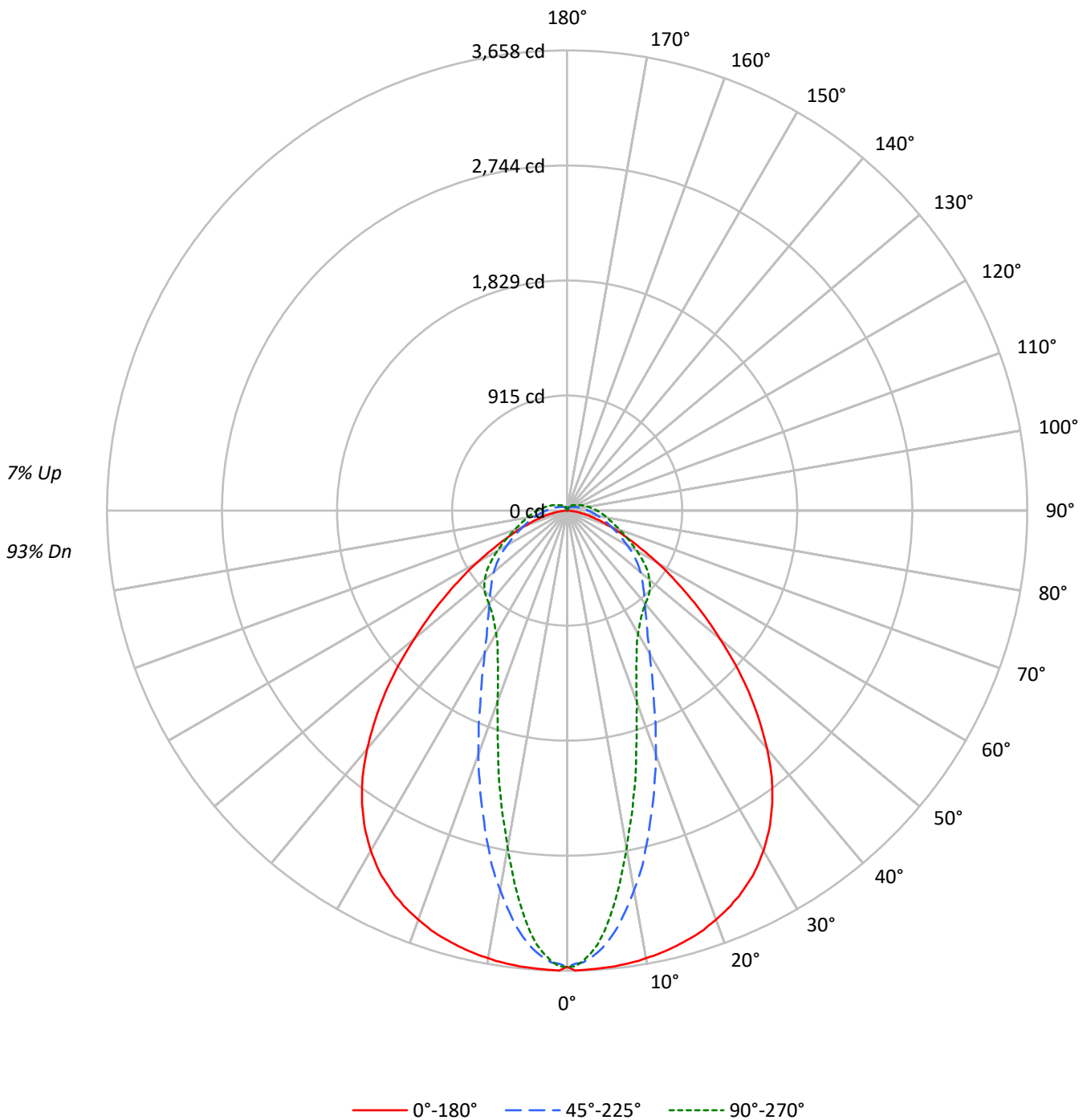
Lumens per Lamp: N/A
Luminaire Lumens: 5782.0 lumens
Efficiency: N/A
Efficacy: 118.2 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

Input Watts (W): 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	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°	39043	39043	39043
5°	39246	35884	34341
10°	39192	30768	26643
15°	39173	25098	19969
20°	39048	19993	14944
25°	38693	15667	11861
30°	37882	12679	10117
35°	36291	10730	9203
40°	33571	9474	8711
45°	29847	8667	8441
50°	25283	7976	7974
55°	20771	7227	7283
60°	16611	6357	6388
65°	12894	5581	5559
70°	10011	4936	4917
75°	7742	4437	4481
80°	5470	4059	4165
85°	3045	3785	3994



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	321.2	5.6
10°-20°	752.9	13.0
20°-30°	893.7	15.5
30°-40°	899.2	15.6
40°-50°	835.8	14.5
50°-60°	688.3	11.9
60°-70°	485.0	8.4
70°-80°	316.8	5.5
80°-90°	202.3	3.5
90°-100°	132.7	2.3
100°-110°	90.1	1.6
110°-120°	61.7	1.1
120°-130°	42.7	0.7
130°-140°	28.7	0.5
140°-150°	17.7	0.3
150°-160°	9.2	0.2
160°-170°	3.3	0.1
170°-180°	0.6	0.0
0°-30°	1967.9	34.0
0°-40°	2867.1	49.6
0°-60°	4391.2	75.9
0°-90°	5395.3	93.3
90°-120°	284.4	4.9
90°-150°	373.6	6.5
90°-180°	387.0	6.7
0°-180°	5782.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3627	3627	3627	3627	3627	
5°	3645	3597	3467	3400	3364	347
15°	3554	3176	2554	2233	2112	1004
25°	3321	2454	1627	1367	1309	1528
35°	2842	1661	1103	1033	1027	1768
45°	2042	1094	854	900	924	1568
55°	1173	718	661	733	758	1059
65°	552	433	454	512	530	560
75°	215	224	306	361	376	233
85°	36	103	206	267	279	46
90°	0	70	167	227	236	2
95°	0	52	139	191	200	0
105°	0	36	94	133	146	0
115°	3	30	67	97	103	3
125°	3	24	54	70	76	3
135°	3	21	42	54	58	2
145°	3	15	30	42	46	2
155°	3	12	21	30	33	1
165°	3	6	12	15	18	1
175°	6	6	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°	3627.2	3627.2	3627.2	3627.2	3627.2
1°	3657.5	3642.4	3603.0	3630.3	3624.2
2°	3654.5	3639.3	3593.9	3606.0	3584.8
3°	3651.5	3630.3	3560.6	3557.5	3527.2
4°	3648.4	3615.1	3518.1	3481.8	3457.5
5°	3645.4	3596.9	3466.6	3400.0	3363.6
6°	3642.4	3575.7	3400.0	3300.0	3248.4
7°	3636.3	3542.4	3330.3	3193.9	3127.2
8°	3630.3	3512.1	3242.4	3078.7	2996.9
9°	3624.2	3472.7	3154.5	2954.5	2857.5
10°	3612.1	3433.3	3063.6	2827.2	2724.2
11°	3606.0	3387.8	2975.7	2706.0	2584.8
12°	3593.9	3339.3	2881.8	2578.8	2472.7
13°	3581.8	3287.8	2766.6	2469.7	2342.4
14°	3569.6	3233.3	2666.6	2348.5	2230.3
15°	3554.5	3175.7	2554.5	2233.3	2112.1
16°	3539.3	3109.0	2454.5	2115.1	1987.9
17°	3524.2	3045.4	2360.6	2006.0	1890.9
18°	3506.0	2981.8	2251.5	1900.0	1787.9
19°	3481.8	2909.1	2163.6	1803.0	1700.0
20°	3460.6	2842.4	2063.6	1712.1	1621.2
21°	3436.3	2760.6	1963.6	1627.2	1536.3
22.5°	3400.0	2645.4	1836.3	1521.2	1436.3
23°	3381.8	2612.1	1784.8	1481.8	1409.1
24°	3357.5	2524.2	1700.0	1421.2	1348.5
25°	3321.2	2454.5	1627.2	1366.6	1309.1
26°	3287.8	2369.7	1554.5	1318.2	1260.6
27°	3254.5	2287.8	1490.9	1266.6	1218.2
28°	3212.1	2203.0	1421.2	1224.2	1181.8
29°	3166.6	2124.2	1363.6	1187.9	1154.5
30°	3121.2	2036.3	1315.1	1154.5	1127.3
32.5°	2993.9	1842.4	1190.9	1090.9	1072.7
35°	2842.4	1660.6	1103.0	1033.3	1027.3
37.5°	2672.7	1493.9	1024.2	987.9	993.9
40°	2472.7	1342.4	957.6	954.5	966.7
42.5°	2260.6	1212.1	906.0	927.3	945.4
45°	2042.4	1093.9	854.5	900.0	924.2
47.5°	1815.1	990.9	809.1	866.7	893.9
50°	1584.8	890.9	760.6	827.3	854.5
52.5°	1378.8	803.0	712.1	781.8	812.1
55°	1172.7	718.2	660.6	733.3	757.6
57.5°	993.9	639.4	606.1	678.8	697.0
60°	827.3	563.6	551.5	618.2	639.4
62.5°	675.7	497.0	500.0	563.6	584.8
65°	551.5	433.3	454.5	512.1	530.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	448.5	372.7	409.1	469.7	484.8
70°	354.5	318.2	372.7	427.3	442.4
72.5°	281.8	269.7	336.4	393.9	406.1
75°	215.1	224.2	306.1	360.6	375.8
77.5°	154.5	187.9	275.8	333.3	345.4
80°	109.1	154.5	251.5	309.1	321.2
82.5°	69.7	127.3	227.3	287.9	300.0
85°	36.4	103.0	206.1	266.7	278.8
87.5°	15.2	84.8	184.8	245.5	257.6
90°	0.0	69.7	166.7	227.3	236.4
92.5°	0.0	60.6	151.5	209.1	218.2
95°	0.0	51.5	139.4	190.9	200.0
97.5°	0.0	48.5	124.2	175.8	184.8
100°	0.0	42.4	112.1	160.6	172.7
102.5°	0.0	39.4	103.0	145.5	157.6
105°	0.0	36.4	93.9	133.3	145.5
107.5°	0.0	33.3	87.9	124.2	133.3
110°	0.0	33.3	78.8	115.1	124.2
112.5°	3.0	30.3	72.7	103.0	112.1
115°	3.0	30.3	66.7	97.0	103.0
117.5°	3.0	30.3	63.6	87.9	93.9
120°	3.0	27.3	60.6	81.8	87.9
122.5°	3.0	27.3	57.6	75.8	78.8
125°	3.0	24.2	54.5	69.7	75.8
127.5°	3.0	24.2	51.5	66.7	69.7
130°	3.0	24.2	48.5	60.6	66.7
132.5°	3.0	21.2	45.5	57.6	60.6
135°	3.0	21.2	42.4	54.5	57.6
137.5°	3.0	18.2	39.4	51.5	54.5
140°	3.0	18.2	36.4	48.5	51.5
142.5°	3.0	15.2	33.3	45.5	48.5
145°	3.0	15.2	30.3	42.4	45.5
147.5°	3.0	15.2	27.3	39.4	42.4
150°	3.0	12.1	24.2	36.4	39.4
152.5°	3.0	12.1	21.2	33.3	36.4
155°	3.0	12.1	21.2	30.3	33.3
157.5°	3.0	9.1	18.2	24.2	30.3
160°	3.0	9.1	15.2	21.2	27.3
162.5°	3.0	9.1	15.2	18.2	21.2
165°	3.0	6.1	12.1	15.2	18.2
167.5°	3.0	6.1	9.1	12.1	15.2
170°	3.0	6.1	9.1	9.1	12.1
172.5°	3.0	6.1	6.1	6.1	6.1
175°	6.1	6.1	6.1	6.1	3.0
177.5°	6.1	6.1	6.1	3.0	3.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.0	3.0	3.0	3.0	3.0

(END OF REPORT)