

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: P565900

Luminaire Tested: **2SNX-SL3-LW-UNV-CC93-CD-4000K-HI**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565900  
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: 2SNX-SL3-LW-UNV-CC93-CD-4000K-HI  
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, HI LUMEN SETTING, AND LW LENS  
Light Source: -  
Ballast/Driver: -

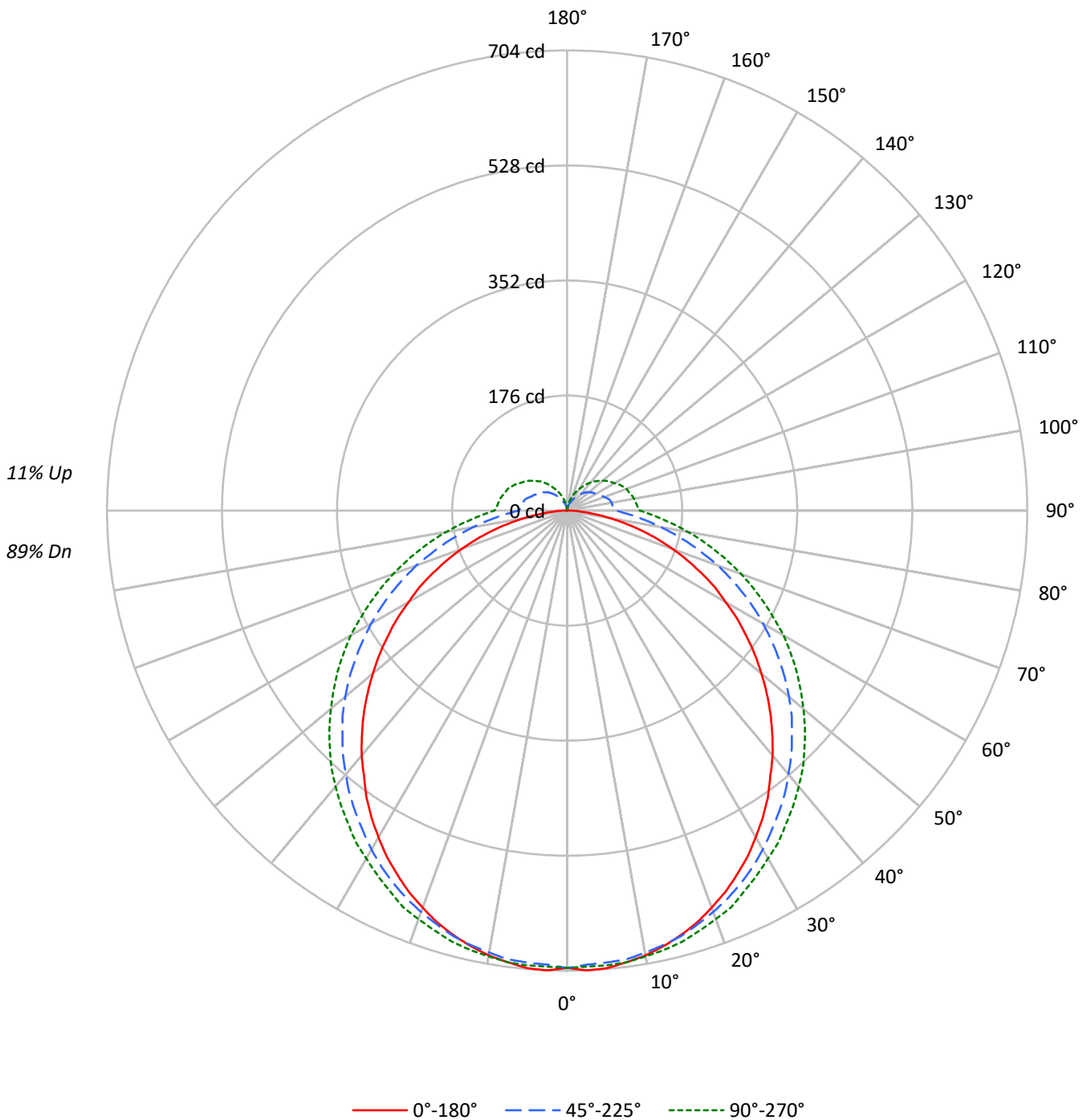
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2491.0 lumens  
Efficiency: N/A  
Efficacy: 123.3 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')  
CIE Type: Semi-Direct  
  
Input Watts (W): 20.2  
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

TEST NUMBER: P565900

CATALOG NUMBER: 2SNX-SL3-LW-UNV-CC93-CD-4000K-HI

### Luminous Intensity Polar Plot





TEST NUMBER: P565900

CATALOG NUMBER: 2SNX-SL3-LW-UNV-CC93-CD-4000K-HI

**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	76	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°	15063	15063	15063
5°	15073	14332	14259
10°	14889	13728	13546
15°	14656	13149	12904
20°	14370	12551	12262
25°	14053	11979	11633
30°	13687	11394	11032
35°	13292	10810	10469
40°	12847	10241	9932
45°	12365	9673	9382
50°	11824	9089	8805
55°	11226	8442	8239
60°	10531	7771	7639
65°	9788	7050	6956
70°	8794	6284	6286
75°	7506	5397	5573
80°	5590	4507	4865
85°	3289	3683	4135



TEST NUMBER: P565900

CATALOG NUMBER: 2SNX-SL3-LW-UNV-CC93-CD-4000K-HI

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	66.5	2.7
10°-20°	191.0	7.7
20°-30°	290.5	11.7
30°-40°	352.6	14.2
40°-50°	372.6	15.0
50°-60°	348.7	14.0
60°-70°	286.1	11.5
70°-80°	196.8	7.9
80°-90°	107.8	4.3
90°-100°	69.4	2.8
100°-110°	62.3	2.5
110°-120°	51.5	2.1
120°-130°	39.7	1.6
130°-140°	27.9	1.1
140°-150°	16.8	0.7
150°-160°	8.0	0.3
160°-170°	2.6	0.1
170°-180°	0.3	0.0
0°-30°	548.0	22.0
0°-40°	900.6	36.2
0°-60°	1621.8	65.1
0°-90°	2212.4	88.8
90°-120°	183.2	7.4
90°-150°	267.6	10.7
90°-180°	279.0	11.2
0°-180°	2491.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	700	700	700	700	700	
5°	703	701	694	700	698	67
15°	672	675	674	682	682	190
25°	615	622	629	642	642	283
35°	535	548	564	580	584	334
45°	440	460	486	508	514	339
55°	335	362	395	420	428	300
65°	226	257	296	323	332	224
75°	118	150	193	224	234	125
85°	26	62	105	134	144	30
90°	0	35	74	101	111	2
95°	0	33	71	97	107	0
105°	0	27	66	91	100	1
115°	1	24	56	81	91	1
125°	1	20	48	69	78	1
135°	1	16	39	56	64	1
145°	1	12	27	43	48	1
155°	1	7	17	27	32	1
165°	1	4	9	13	16	0
175°	1	1	3	3	1	0
180°	1	1	1	1	1	



TEST NUMBER: P565900

CATALOG NUMBER: 2SNX-SL3-LW-UNV-CC93-CD-4000K-HI

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	699.7	699.7	699.7	699.7	699.7
2.5°	704.1	702.6	695.4	701.2	698.3
5°	702.6	701.2	694.0	699.7	698.3
7.5°	696.8	696.8	692.5	698.3	696.8
10°	691.1	691.1	686.7	694.0	692.5
12.5°	682.4	683.9	681.0	689.6	688.2
15°	672.3	675.2	673.8	682.4	682.4
17.5°	660.8	663.7	663.7	673.8	673.8
20°	646.3	650.7	653.6	665.1	665.1
22.5°	631.9	637.7	642.0	652.1	656.4
25°	614.6	621.8	629.0	642.0	642.0
27.5°	597.3	605.9	614.6	627.6	629.0
30°	577.1	587.2	598.7	611.7	614.6
32.5°	556.9	569.9	581.4	597.3	601.6
35°	535.3	548.2	564.1	580.0	584.3
37.5°	510.7	526.6	546.8	564.1	568.4
40°	489.1	506.4	526.6	546.8	551.1
42.5°	464.6	483.3	507.8	526.6	533.8
45°	440.0	460.2	486.2	507.8	513.6
47.5°	414.1	437.1	466.0	486.2	493.4
50°	388.1	412.6	442.9	466.0	471.8
52.5°	362.1	388.1	419.8	442.9	450.1
55°	334.7	362.1	395.3	419.8	428.5
57.5°	308.7	336.2	370.8	396.8	405.4
60°	279.9	311.6	346.3	372.2	382.3
62.5°	255.4	284.2	321.7	347.7	356.4
65°	226.5	256.8	295.8	323.2	331.8
67.5°	199.1	230.8	269.8	298.6	307.3
70°	171.7	203.4	245.3	272.7	282.8
72.5°	144.3	177.5	217.9	248.2	258.3
75°	118.3	150.0	193.3	223.6	233.7
77.5°	90.9	125.5	168.8	199.1	210.6
80°	66.4	102.4	145.7	176.0	187.6
82.5°	44.7	80.8	124.1	154.4	165.9
85°	26.0	62.0	105.3	134.2	144.3
87.5°	13.0	47.6	88.0	116.9	127.0
90°	0.0	34.6	73.6	101.0	111.1
92.5°	0.0	33.2	72.1	98.1	108.2
95°	0.0	33.2	70.7	96.7	106.8
97.5°	0.0	31.7	69.3	96.7	105.3
100°	0.0	30.3	69.3	95.2	103.9
102.5°	0.0	28.9	67.8	93.8	102.4
105°	0.0	27.4	66.4	90.9	99.5
107.5°	1.4	27.4	63.5	89.4	98.1
110°	1.4	26.0	60.6	88.0	96.7



TEST NUMBER: P565900

CATALOG NUMBER: 2SNX-SL3-LW-UNV-CC93-CD-4000K-HI

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.4	24.5	57.7	85.1	93.8
115°	1.4	24.5	56.3	80.8	90.9
117.5°	1.4	23.1	53.4	77.9	88.0
120°	1.4	23.1	51.9	75.0	83.7
122.5°	1.4	21.6	49.1	72.1	80.8
125°	1.4	20.2	47.6	69.3	77.9
127.5°	1.4	18.8	46.2	66.4	75.0
130°	1.4	17.3	43.3	63.5	70.7
132.5°	1.4	17.3	41.8	59.2	67.8
135°	1.4	15.9	39.0	56.3	63.5
137.5°	1.4	14.4	36.1	53.4	60.6
140°	1.4	13.0	33.2	50.5	56.3
142.5°	1.4	13.0	30.3	46.2	51.9
145°	1.4	11.5	27.4	43.3	47.6
147.5°	1.4	10.1	24.5	39.0	43.3
150°	1.4	10.1	21.6	34.6	39.0
152.5°	1.4	8.7	18.8	31.7	36.1
155°	1.4	7.2	17.3	27.4	31.7
157.5°	1.4	7.2	14.4	23.1	27.4
160°	1.4	5.8	13.0	18.8	23.1
162.5°	1.4	5.8	11.5	15.9	20.2
165°	1.4	4.3	8.7	13.0	15.9
167.5°	1.4	4.3	7.2	10.1	13.0
170°	1.4	2.9	5.8	7.2	10.1
172.5°	1.4	2.9	4.3	4.3	4.3
175°	1.4	1.4	2.9	2.9	1.4
177.5°	1.4	1.4	1.4	1.4	1.4
180°	1.4	1.4	1.4	1.4	1.4

(END OF REPORT)