

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: P565886

Luminaire Tested: **2SNX-SL3-LN-UNV-CC93-CD-5000K-LOW**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565886  
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: 2SNX-SL3-LN-UNV-CC93-CD-5000K-LOW  
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, LOW LUMEN SETTING, AND LN LENS  
Light Source: -  
Ballast/Driver: -

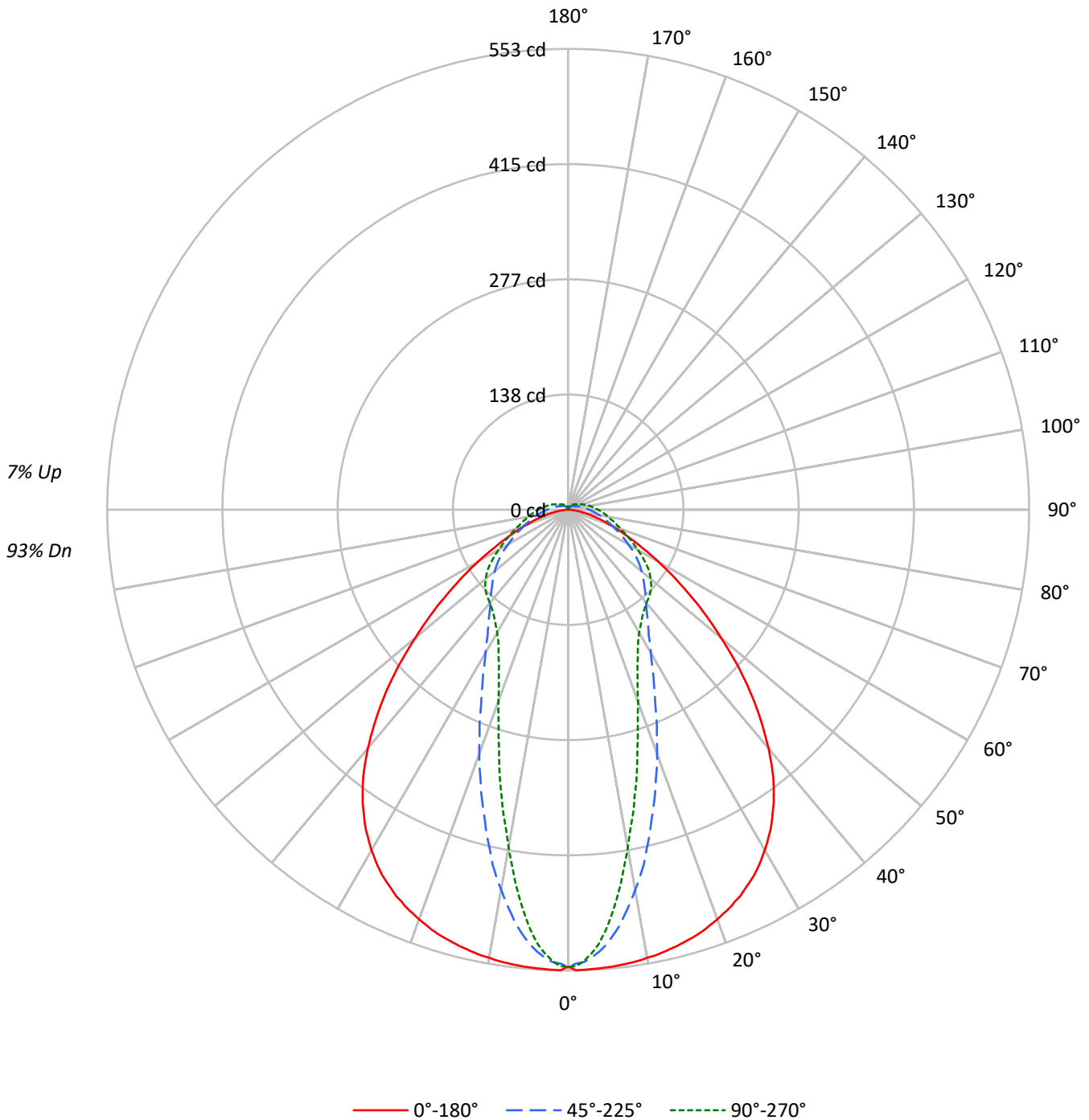
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 874.0 lumens  
Efficiency: N/A  
Efficacy: 131.1 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')  
CIE Type: Direct  
  
Input Watts (W): 6.666  
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: P565886

CATALOG NUMBER: 2SNX-SL3-LN-UNV-CC93-CD-5000K-LOW

### Luminous Intensity Polar Plot





TEST NUMBER: P565886

CATALOG NUMBER: 2SNX-SL3-LN-UNV-CC93-CD-5000K-LOW

**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°	11804	11804	11804
5°	11821	10822	10381
10°	11763	9258	8055
15°	11713	7534	6038
20°	11631	5989	4519
25°	11478	4685	3586
30°	11190	3783	3059
35°	10670	3195	2782
40°	9818	2814	2633
45°	8675	2570	2552
50°	7300	2360	2411
55°	5947	2134	2201
60°	4703	1872	1930
65°	3604	1637	1681
70°	2745	1442	1487
75°	2062	1293	1354
80°	1389	1175	1260
85°	696	1088	1206



TEST NUMBER: P565886

CATALOG NUMBER: 2SNX-SL3-LN-UNV-CC93-CD-5000K-LOW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	48.6	5.6
10°-20°	113.8	13.0
20°-30°	135.1	15.5
30°-40°	135.9	15.6
40°-50°	126.3	14.5
50°-60°	104.0	11.9
60°-70°	73.3	8.4
70°-80°	47.9	5.5
80°-90°	30.6	3.5
90°-100°	20.1	2.3
100°-110°	13.6	1.6
110°-120°	9.3	1.1
120°-130°	6.5	0.7
130°-140°	4.3	0.5
140°-150°	2.7	0.3
150°-160°	1.4	0.2
160°-170°	0.5	0.1
170°-180°	0.1	0.0
0°-30°	297.5	34.0
0°-40°	433.4	49.6
0°-60°	663.8	75.9
0°-90°	815.5	93.3
90°-120°	43.0	4.9
90°-150°	56.5	6.5
90°-180°	58.0	6.6
0°-180°	874.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	548	548	548	548	548	
5°	551	544	524	514	508	52
15°	537	480	386	338	319	152
25°	502	371	246	207	198	231
35°	430	251	167	156	155	267
45°	309	165	129	136	140	237
55°	177	109	100	111	114	160
65°	83	66	69	77	80	85
75°	32	34	46	54	57	35
85°	6	16	31	40	42	7
90°	0	10	25	34	36	0
95°	0	8	21	29	30	0
105°	0	6	14	20	22	0
115°	0	5	10	15	16	0
125°	0	4	8	10	12	0
135°	0	3	6	8	9	0
145°	0	2	5	6	7	0
155°	0	2	3	5	5	0
165°	0	1	2	2	3	0
175°	1	1	1	1	0	0
180°	0	0	0	0	0	0



TEST NUMBER: P565886

CATALOG NUMBER: 2SNX-SL3-LN-UNV-CC93-CD-5000K-LOW

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	548.3	548.3	548.3	548.3	548.3
1°	552.9	550.6	544.6	548.7	547.8
2°	552.4	550.1	543.2	545.1	541.9
3°	552.0	548.7	538.2	537.8	533.2
4°	551.5	546.5	531.8	526.3	522.6
5°	551.0	543.7	524.0	513.9	508.4
6°	550.6	540.5	513.9	498.8	491.0
7°	549.7	535.5	503.4	482.8	472.7
8°	548.7	530.9	490.1	465.4	453.0
9°	547.8	524.9	476.8	446.6	431.9
10°	546.0	519.0	463.1	427.4	411.8
11°	545.1	512.1	449.8	409.0	390.7
12°	543.2	504.8	435.6	389.8	373.8
13°	541.4	497.0	418.2	373.3	354.1
14°	539.6	488.7	403.1	355.0	337.1
15°	537.3	480.0	386.1	337.6	319.3
16°	535.0	470.0	371.0	319.7	300.5
17°	532.7	460.3	356.8	303.2	285.8
18°	530.0	450.7	340.3	287.2	270.2
19°	526.3	439.7	327.0	272.5	257.0
20°	523.1	429.7	311.9	258.8	245.1
21°	519.4	417.3	296.8	246.0	232.2
22.5°	513.9	399.9	277.6	229.9	217.1
23°	511.2	394.8	269.8	224.0	213.0
24°	507.5	381.6	257.0	214.8	203.8
25°	502.0	371.0	246.0	206.6	197.9
26°	497.0	358.2	235.0	199.3	190.5
27°	491.9	345.8	225.4	191.5	184.1
28°	485.5	333.0	214.8	185.1	178.6
29°	478.7	321.1	206.1	179.6	174.5
30°	471.8	307.8	198.8	174.5	170.4
32.5°	452.6	278.5	180.0	164.9	162.1
35°	429.7	251.0	166.7	156.2	155.3
37.5°	404.0	225.8	154.8	149.3	150.2
40°	373.8	202.9	144.7	144.3	146.1
42.5°	341.7	183.2	137.0	140.2	142.9
45°	308.7	165.4	129.2	136.0	139.7
47.5°	274.4	149.8	122.3	131.0	135.1
50°	239.6	134.7	115.0	125.0	129.2
52.5°	208.4	121.4	107.6	118.2	122.8
55°	177.3	108.6	99.9	110.8	114.5
57.5°	150.2	96.6	91.6	102.6	105.4
60°	125.0	85.2	83.4	93.4	96.6
62.5°	102.1	75.1	75.6	85.2	88.4
65°	83.4	65.5	68.7	77.4	80.2



TEST NUMBER: P565886

CATALOG NUMBER: 2SNX-SL3-LN-UNV-CC93-CD-5000K-LOW

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	67.8	56.3	61.8	71.0	73.3
70°	53.6	48.1	56.3	64.6	66.9
72.5°	42.6	40.8	50.8	59.5	61.4
75°	32.5	33.9	46.3	54.5	56.8
77.5°	23.4	28.4	41.7	50.4	52.2
80°	16.5	23.4	38.0	46.7	48.6
82.5°	10.5	19.2	34.4	43.5	45.3
85°	5.5	15.6	31.1	40.3	42.1
87.5°	2.3	12.8	27.9	37.1	38.9
90°	0.0	10.5	25.2	34.4	35.7
92.5°	0.0	9.2	22.9	31.6	33.0
95°	0.0	7.8	21.1	28.9	30.2
97.5°	0.0	7.3	18.8	26.6	27.9
100°	0.0	6.4	16.9	24.3	26.1
102.5°	0.0	6.0	15.6	22.0	23.8
105°	0.0	5.5	14.2	20.2	22.0
107.5°	0.0	5.0	13.3	18.8	20.2
110°	0.0	5.0	11.9	17.4	18.8
112.5°	0.5	4.6	11.0	15.6	16.9
115°	0.5	4.6	10.1	14.7	15.6
117.5°	0.5	4.6	9.6	13.3	14.2
120°	0.5	4.1	9.2	12.4	13.3
122.5°	0.5	4.1	8.7	11.5	11.9
125°	0.5	3.7	8.2	10.5	11.5
127.5°	0.5	3.7	7.8	10.1	10.5
130°	0.5	3.7	7.3	9.2	10.1
132.5°	0.5	3.2	6.9	8.7	9.2
135°	0.5	3.2	6.4	8.2	8.7
137.5°	0.5	2.7	6.0	7.8	8.2
140°	0.5	2.7	5.5	7.3	7.8
142.5°	0.5	2.3	5.0	6.9	7.3
145°	0.5	2.3	4.6	6.4	6.9
147.5°	0.5	2.3	4.1	6.0	6.4
150°	0.5	1.8	3.7	5.5	6.0
152.5°	0.5	1.8	3.2	5.0	5.5
155°	0.5	1.8	3.2	4.6	5.0
157.5°	0.5	1.4	2.7	3.7	4.6
160°	0.5	1.4	2.3	3.2	4.1
162.5°	0.5	1.4	2.3	2.7	3.2
165°	0.5	0.9	1.8	2.3	2.7
167.5°	0.5	0.9	1.4	1.8	2.3
170°	0.5	0.9	1.4	1.4	1.8
172.5°	0.5	0.9	0.9	0.9	0.9
175°	0.9	0.9	0.9	0.9	0.5
177.5°	0.9	0.9	0.9	0.5	0.5



TEST NUMBER: P565886

CATALOG NUMBER: 2SNX-SL3-LN-UNV-CC93-CD-5000K-LOW

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	0.5	0.5	0.5	0.5	0.5

(END OF REPORT)