

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: P565883

Luminaire Tested: **2SNX-SL3-LN-UNV-CC93-CD-4000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565883
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-4000K-LOW
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, LOW LUMEN SETTING, AND LN LENS
Light Source: -
Ballast/Driver: -

Summary

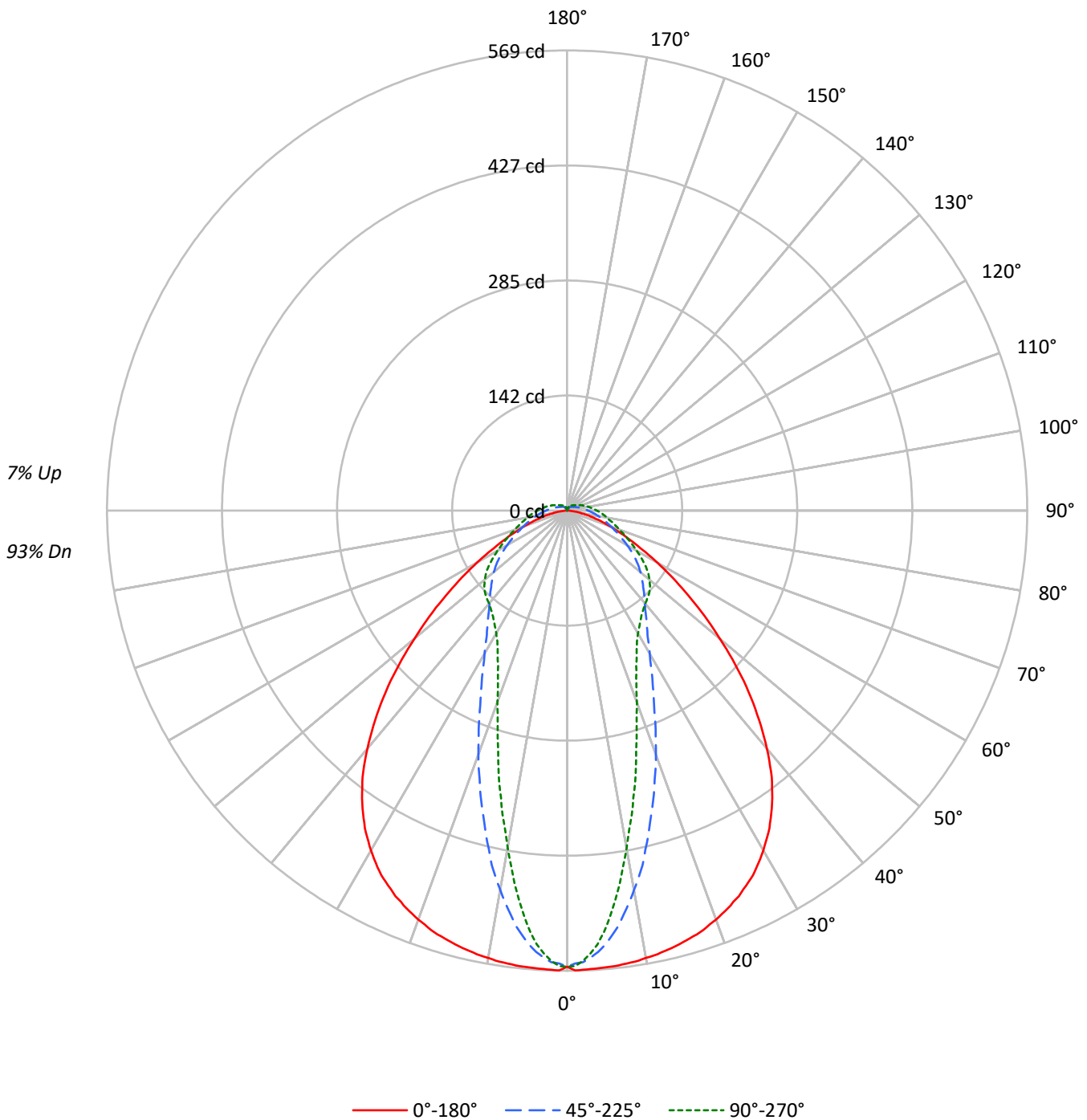
Lumens per Lamp: N/A
Luminaire Lumens: 899.0 lumens
Efficiency: N/A
Efficacy: 134.9 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Direct

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

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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	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°	12142	12142	12142
5°	12160	11131	10679
10°	12099	9521	8286
15°	12049	7751	6210
20°	11965	6162	4648
25°	11807	4818	3687
30°	11510	3892	3147
35°	10973	3287	2861
40°	10099	2896	2709
45°	8926	2644	2625
50°	7507	2428	2480
55°	6114	2193	2265
60°	4839	1923	1986
65°	3704	1685	1730
70°	2822	1486	1529
75°	2125	1329	1393
80°	1431	1210	1294
85°	721	1119	1241



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.9	5.6
10°-20°	117.1	13.0
20°-30°	139.0	15.5
30°-40°	139.8	15.6
40°-50°	130.0	14.5
50°-60°	107.0	11.9
60°-70°	75.4	8.4
70°-80°	49.3	5.5
80°-90°	31.4	3.5
90°-100°	20.6	2.3
100°-110°	14.0	1.6
110°-120°	9.6	1.1
120°-130°	6.6	0.7
130°-140°	4.5	0.5
140°-150°	2.8	0.3
150°-160°	1.4	0.2
160°-170°	0.5	0.1
170°-180°	0.1	0.0
0°-30°	306.0	34.0
0°-40°	445.8	49.6
0°-60°	682.8	75.9
0°-90°	838.9	93.3
90°-120°	44.2	4.9
90°-150°	58.1	6.5
90°-180°	60.0	6.7
0°-180°	899.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	564	564	564	564	564	
5°	567	559	539	529	523	54
15°	553	494	397	347	328	156
25°	516	382	253	212	204	238
35°	442	258	172	161	160	275
45°	318	170	133	140	144	244
55°	182	112	103	114	118	165
65°	86	67	71	80	82	87
75°	34	35	48	56	58	36
85°	6	16	32	42	43	7
90°	0	11	26	35	37	0
95°	0	8	22	30	31	0
105°	0	6	15	21	23	0
115°	0	5	10	15	16	0
125°	0	4	8	11	12	0
135°	0	3	7	8	9	0
145°	0	2	5	7	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



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	564.0	564.0	564.0	564.0	564.0
1°	568.7	566.3	560.2	564.4	563.5
2°	568.2	565.9	558.8	560.7	557.4
3°	567.7	564.4	553.6	553.1	548.4
4°	567.3	562.1	547.0	541.4	537.6
5°	566.8	559.3	539.0	528.6	523.0
6°	566.3	556.0	528.6	513.1	505.1
7°	565.4	550.8	517.8	496.6	486.2
8°	564.4	546.1	504.1	478.7	466.0
9°	563.5	539.9	490.5	459.4	444.3
10°	561.6	533.8	476.3	439.6	423.6
11°	560.7	526.7	462.7	420.7	401.9
12°	558.8	519.2	448.1	401.0	384.5
13°	556.9	511.2	430.2	384.0	364.2
14°	555.0	502.7	414.6	365.1	346.8
15°	552.7	493.8	397.2	347.2	328.4
16°	550.3	483.4	381.6	328.9	309.1
17°	548.0	473.5	367.0	311.9	294.0
18°	545.1	463.6	350.1	295.4	278.0
19°	541.4	452.3	336.4	280.3	264.3
20°	538.1	441.9	320.9	266.2	252.1
21°	534.3	429.2	305.3	253.0	238.9
22.5°	528.6	411.3	285.5	236.5	223.3
23°	525.8	406.1	277.5	230.4	219.1
24°	522.0	392.5	264.3	221.0	209.7
25°	516.4	381.6	253.0	212.5	203.5
26°	511.2	368.4	241.7	205.0	196.0
27°	506.0	355.7	231.8	196.9	189.4
28°	499.4	342.5	221.0	190.3	183.7
29°	492.4	330.3	212.0	184.7	179.5
30°	485.3	316.6	204.5	179.5	175.3
32.5°	465.5	286.5	185.2	169.6	166.8
35°	441.9	258.2	171.5	160.7	159.7
37.5°	415.6	232.3	159.2	153.6	154.5
40°	384.5	208.7	148.9	148.4	150.3
42.5°	351.5	188.5	140.9	144.2	147.0
45°	317.6	170.1	132.9	139.9	143.7
47.5°	282.2	154.1	125.8	134.7	139.0
50°	246.4	138.5	118.3	128.6	132.9
52.5°	214.4	124.9	110.7	121.6	126.3
55°	182.3	111.7	102.7	114.0	117.8
57.5°	154.5	99.4	94.2	105.5	108.4
60°	128.6	87.6	85.7	96.1	99.4
62.5°	105.1	77.3	77.7	87.6	90.9
65°	85.7	67.4	70.7	79.6	82.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	69.7	58.0	63.6	73.0	75.4
70°	55.1	49.5	58.0	66.4	68.8
72.5°	43.8	41.9	52.3	61.2	63.1
75°	33.5	34.9	47.6	56.1	58.4
77.5°	24.0	29.2	42.9	51.8	53.7
80°	17.0	24.0	39.1	48.1	49.9
82.5°	10.8	19.8	35.3	44.8	46.6
85°	5.7	16.0	32.0	41.5	43.3
87.5°	2.4	13.2	28.7	38.2	40.0
90°	0.0	10.8	25.9	35.3	36.7
92.5°	0.0	9.4	23.6	32.5	33.9
95°	0.0	8.0	21.7	29.7	31.1
97.5°	0.0	7.5	19.3	27.3	28.7
100°	0.0	6.6	17.4	25.0	26.9
102.5°	0.0	6.1	16.0	22.6	24.5
105°	0.0	5.7	14.6	20.7	22.6
107.5°	0.0	5.2	13.7	19.3	20.7
110°	0.0	5.2	12.2	17.9	19.3
112.5°	0.5	4.7	11.3	16.0	17.4
115°	0.5	4.7	10.4	15.1	16.0
117.5°	0.5	4.7	9.9	13.7	14.6
120°	0.5	4.2	9.4	12.7	13.7
122.5°	0.5	4.2	9.0	11.8	12.2
125°	0.5	3.8	8.5	10.8	11.8
127.5°	0.5	3.8	8.0	10.4	10.8
130°	0.5	3.8	7.5	9.4	10.4
132.5°	0.5	3.3	7.1	9.0	9.4
135°	0.5	3.3	6.6	8.5	9.0
137.5°	0.5	2.8	6.1	8.0	8.5
140°	0.5	2.8	5.7	7.5	8.0
142.5°	0.5	2.4	5.2	7.1	7.5
145°	0.5	2.4	4.7	6.6	7.1
147.5°	0.5	2.4	4.2	6.1	6.6
150°	0.5	1.9	3.8	5.7	6.1
152.5°	0.5	1.9	3.3	5.2	5.7
155°	0.5	1.9	3.3	4.7	5.2
157.5°	0.5	1.4	2.8	3.8	4.7
160°	0.5	1.4	2.4	3.3	4.2
162.5°	0.5	1.4	2.4	2.8	3.3
165°	0.5	0.9	1.9	2.4	2.8
167.5°	0.5	0.9	1.4	1.9	2.4
170°	0.5	0.9	1.4	1.4	1.9
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



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CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)