

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: P565911

Luminaire Tested: **2SNX-SL3-SLW-UNV-CC83-CD-4000K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565911
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-SLW-UNV-CC83-CD-4000K-MED
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 80CRI, MED LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

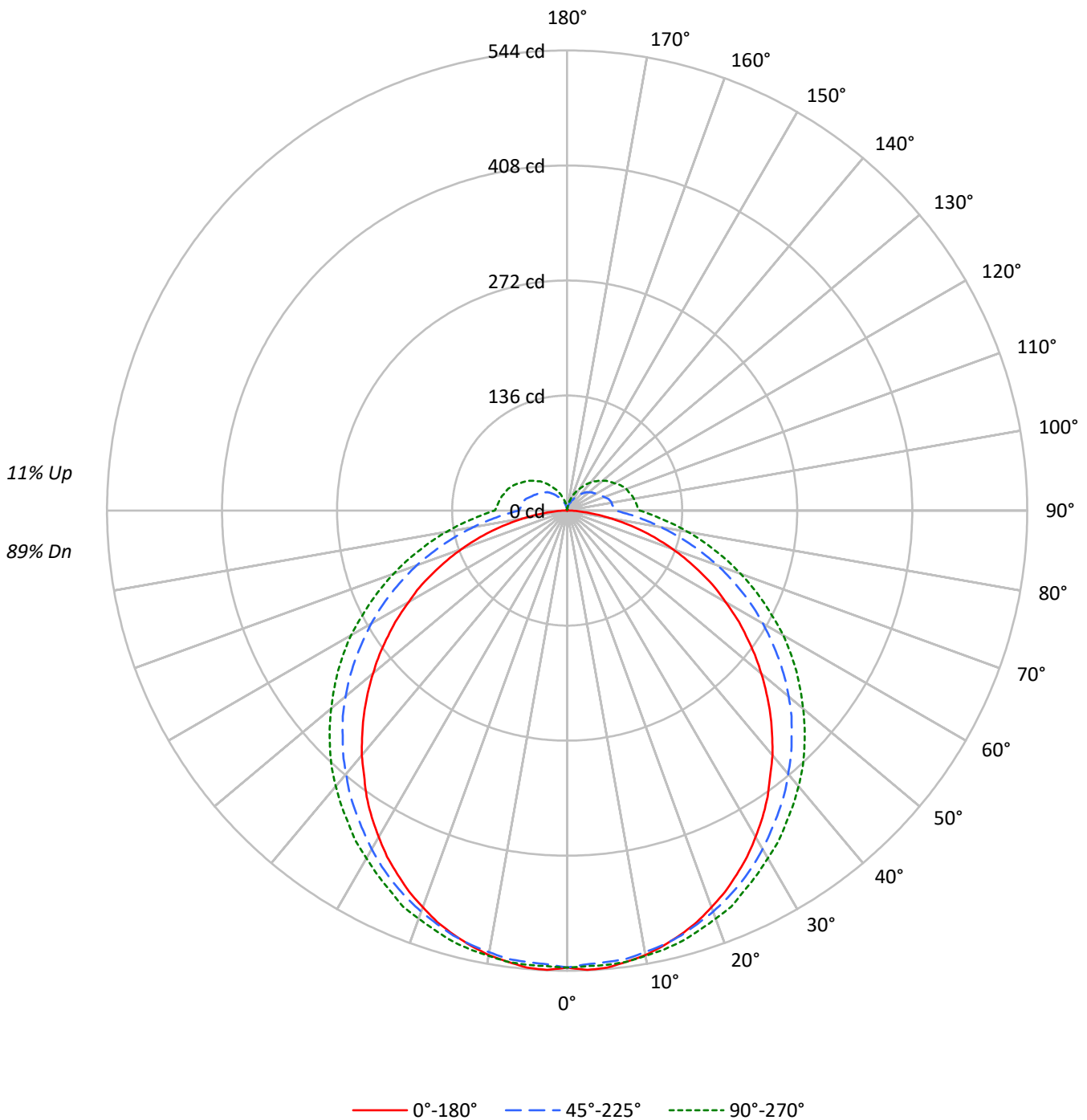
Lumens per Lamp: N/A
Luminaire Lumens: 1923.0 lumens
Efficiency: N/A
Efficacy: 144.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 13.332
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	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°	11629	11629	11629
5°	11679	11315	11321
10°	11578	11074	11040
15°	11440	10826	10782
20°	11262	10544	10494
25°	11057	10270	10194
30°	10815	9969	9898
35°	10553	9659	9619
40°	10254	9351	9352
45°	9930	9039	9063
50°	9561	8709	8740
55°	9156	8318	8422
60°	8680	7897	8067
65°	8181	7424	7623
70°	7486	6905	7186
75°	6576	6250	6702
80°	5138	5584	6227
85°	3351	4997	5739



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.3	2.7
10°-20°	147.5	7.7
20°-30°	224.2	11.7
30°-40°	272.2	14.2
40°-50°	287.6	15.0
50°-60°	269.2	14.0
60°-70°	220.8	11.5
70°-80°	151.9	7.9
80°-90°	83.2	4.3
90°-100°	53.6	2.8
100°-110°	48.1	2.5
110°-120°	39.8	2.1
120°-130°	30.6	1.6
130°-140°	21.5	1.1
140°-150°	13.0	0.7
150°-160°	6.2	0.3
160°-170°	2.0	0.1
170°-180°	0.2	0.0
0°-30°	423.0	22.0
0°-40°	695.2	36.2
0°-60°	1252.0	65.1
0°-90°	1707.9	88.8
90°-120°	141.4	7.4
90°-150°	206.5	10.7
90°-180°	215.0	11.2
0°-180°	1923.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	540	540	540	540	540	
5°	542	541	536	540	539	51
15°	519	521	520	527	527	146
25°	474	480	486	496	496	219
35°	413	423	436	448	451	258
45°	340	355	375	392	396	262
55°	258	280	305	324	331	231
65°	175	198	228	250	256	173
75°	91	116	149	173	180	96
85°	20	48	81	104	111	23
90°	0	27	57	78	86	1
95°	0	26	55	75	82	0
105°	0	21	51	70	77	1
115°	1	19	43	62	70	1
125°	1	16	37	54	60	1
135°	1	12	30	43	49	1
145°	1	9	21	33	37	1
155°	1	6	13	21	24	1
165°	1	3	7	10	12	0
175°	1	1	2	2	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	540.2	540.2	540.2	540.2	540.2
2.5°	543.5	542.4	536.8	541.3	539.1
5°	542.4	541.3	535.7	540.2	539.1
7.5°	537.9	537.9	534.6	539.1	537.9
10°	533.5	533.5	530.2	535.7	534.6
12.5°	526.8	527.9	525.7	532.4	531.3
15°	519.0	521.2	520.1	526.8	526.8
17.5°	510.1	512.3	512.3	520.1	520.1
20°	499.0	502.3	504.5	513.4	513.4
22.5°	487.8	492.3	495.6	503.4	506.8
25°	474.5	480.0	485.6	495.6	495.6
27.5°	461.1	467.8	474.5	484.5	485.6
30°	445.5	453.3	462.2	472.2	474.5
32.5°	429.9	439.9	448.8	461.1	464.4
35°	413.2	423.2	435.5	447.7	451.1
37.5°	394.3	406.5	422.1	435.5	438.8
40°	377.6	390.9	406.5	422.1	425.5
42.5°	358.6	373.1	392.0	406.5	412.1
45°	339.7	355.3	375.3	392.0	396.5
47.5°	319.7	337.5	359.7	375.3	380.9
50°	299.6	318.5	341.9	359.7	364.2
52.5°	279.6	299.6	324.1	341.9	347.5
55°	258.4	279.6	305.2	324.1	330.8
57.5°	238.3	259.5	286.2	306.3	313.0
60°	216.1	240.6	267.3	287.4	295.1
62.5°	197.1	219.4	248.4	268.4	275.1
65°	174.9	198.2	228.3	249.5	256.2
67.5°	153.7	178.2	208.3	230.5	237.2
70°	132.5	157.0	189.3	210.5	218.3
72.5°	111.4	137.0	168.2	191.6	199.4
75°	91.3	115.8	149.2	172.6	180.4
77.5°	70.2	96.9	130.3	153.7	162.6
80°	51.2	79.1	112.5	135.9	144.8
82.5°	34.5	62.4	95.8	119.2	128.1
85°	20.0	47.9	81.3	103.6	111.4
87.5°	10.0	36.8	67.9	90.2	98.0
90°	0.0	26.7	56.8	78.0	85.8
92.5°	0.0	25.6	55.7	75.7	83.5
95°	0.0	25.6	54.6	74.6	82.4
97.5°	0.0	24.5	53.5	74.6	81.3
100°	0.0	23.4	53.5	73.5	80.2
102.5°	0.0	22.3	52.3	72.4	79.1
105°	0.0	21.2	51.2	70.2	76.8
107.5°	1.1	21.2	49.0	69.1	75.7
110°	1.1	20.0	46.8	67.9	74.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.1	18.9	44.6	65.7	72.4
115°	1.1	18.9	43.4	62.4	70.2
117.5°	1.1	17.8	41.2	60.1	67.9
120°	1.1	17.8	40.1	57.9	64.6
122.5°	1.1	16.7	37.9	55.7	62.4
125°	1.1	15.6	36.8	53.5	60.1
127.5°	1.1	14.5	35.6	51.2	57.9
130°	1.1	13.4	33.4	49.0	54.6
132.5°	1.1	13.4	32.3	45.7	52.3
135°	1.1	12.3	30.1	43.4	49.0
137.5°	1.1	11.1	27.8	41.2	46.8
140°	1.1	10.0	25.6	39.0	43.4
142.5°	1.1	10.0	23.4	35.6	40.1
145°	1.1	8.9	21.2	33.4	36.8
147.5°	1.1	7.8	18.9	30.1	33.4
150°	1.1	7.8	16.7	26.7	30.1
152.5°	1.1	6.7	14.5	24.5	27.8
155°	1.1	5.6	13.4	21.2	24.5
157.5°	1.1	5.6	11.1	17.8	21.2
160°	1.1	4.5	10.0	14.5	17.8
162.5°	1.1	4.5	8.9	12.3	15.6
165°	1.1	3.3	6.7	10.0	12.3
167.5°	1.1	3.3	5.6	7.8	10.0
170°	1.1	2.2	4.5	5.6	7.8
172.5°	1.1	2.2	3.3	3.3	3.3
175°	1.1	1.1	2.2	2.2	1.1
177.5°	1.1	1.1	1.1	1.1	1.1
180°	1.1	1.1	1.1	1.1	1.1

(END OF REPORT)