

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: P565853

Luminaire Tested: **2SNX-SL3-LC-UNV-CC83-CD-3500K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565853
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2205-663-1)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNX-SL3-LC-UNV-CC83-CD-3500K-LOW
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 80CRI, LOW LUMEN SETTING, AND LC LENS
Light Source: -
Ballast/Driver: -

Summary

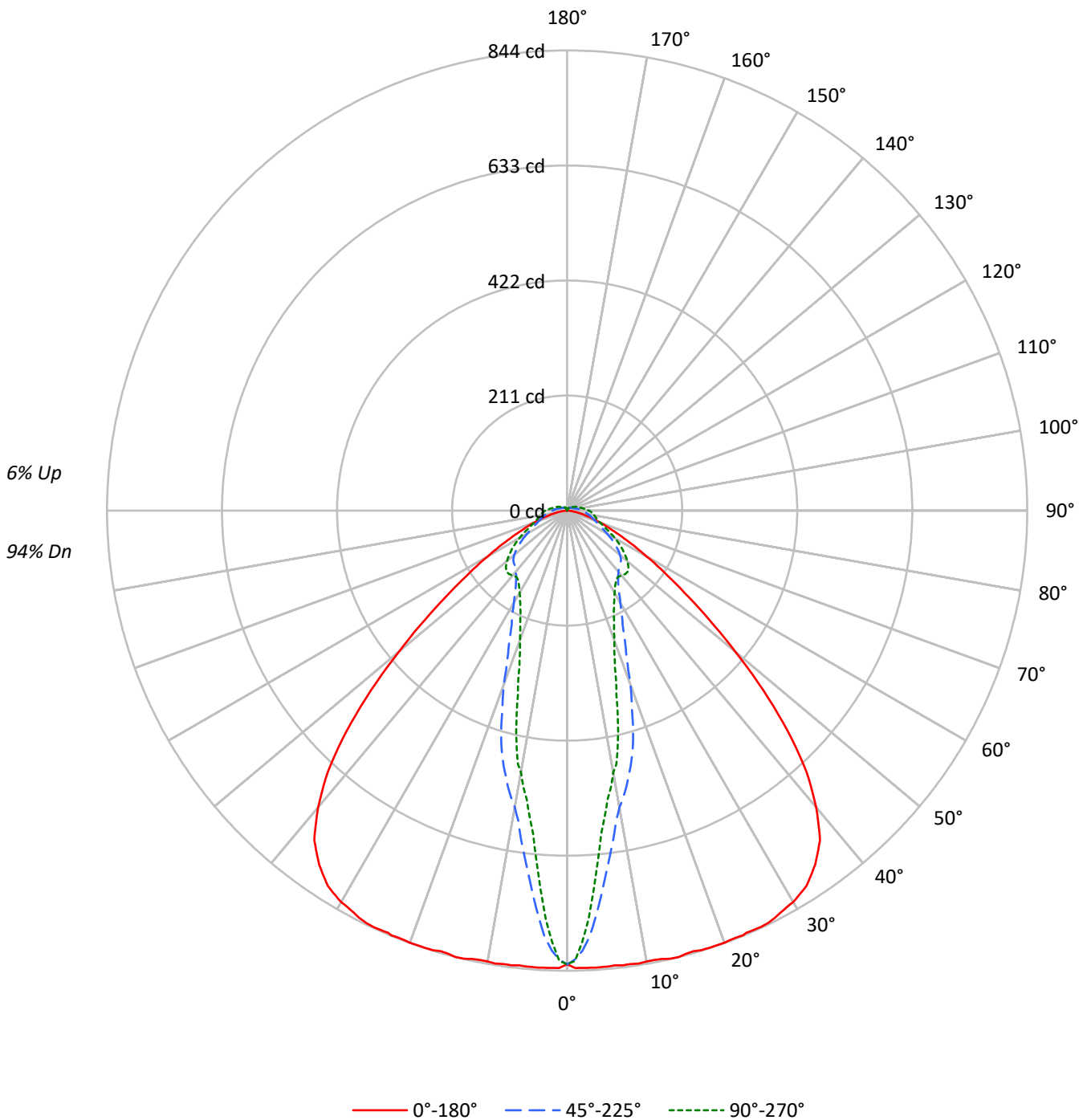
Lumens per Lamp: N/A
Luminaire Lumens: 1026.0 lumens
Efficiency: N/A
Efficacy: 148.1 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Direct

Input Watts (W): 6.93
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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	108	103	99	96	105	101	97	94	95	92	90	90	88	86	86	84	82	80
2	99	92	86	80	96	89	84	79	85	80	76	81	77	74	77	74	71	69
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	70	66	62	60
4	85	74	66	60	82	72	65	59	69	63	58	66	61	56	63	59	55	53
5	79	67	59	53	76	66	58	52	63	56	51	60	55	50	58	53	49	47
6	73	61	53	47	71	60	52	47	58	51	46	56	50	45	53	48	44	42
7	69	56	48	43	67	55	48	42	53	46	42	51	45	41	50	44	40	38
8	64	52	44	39	63	51	44	39	49	43	38	48	42	37	46	41	37	35
9	61	48	41	36	59	47	40	35	46	39	35	44	39	34	43	38	34	32
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	40	35	31	30

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	17918	17918	17918
5°	18015	14681	13174
10°	18090	11057	9534
15°	18352	9019	6601
20°	18753	6512	4662
25°	19259	4656	3668
30°	19666	3713	3123
35°	19689	3133	2799
40°	18672	2843	2804
45°	16106	2741	2881
50°	12272	2600	2689
55°	8818	2268	2386
60°	6332	1887	2018
65°	4546	1592	1654
70°	3283	1401	1425
75°	2271	1293	1328
80°	1414	1203	1310
85°	595	1140	1309



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.5	6.4
10°-20°	142.1	13.9
20°-30°	162.7	15.9
30°-40°	163.0	15.9
40°-50°	154.3	15.0
50°-60°	118.3	11.5
60°-70°	76.3	7.4
70°-80°	48.6	4.7
80°-90°	32.3	3.1
90°-100°	21.7	2.1
100°-110°	14.3	1.4
110°-120°	10.0	1.0
120°-130°	6.9	0.7
130°-140°	4.8	0.5
140°-150°	2.9	0.3
150°-160°	1.5	0.1
160°-170°	0.6	0.1
170°-180°	0.1	0.0
0°-30°	370.3	36.1
0°-40°	533.3	52.0
0°-60°	805.9	78.6
0°-90°	963.1	93.9
90°-120°	46.0	4.5
90°-150°	60.7	5.9
90°-180°	63.0	6.1
0°-180°	1026.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	832	832	832	832	832	
5°	840	793	711	663	645	80
15°	842	606	462	380	349	239
25°	842	429	244	212	202	388
35°	793	239	164	158	156	492
45°	573	151	138	152	158	436
55°	263	108	106	119	124	242
65°	105	68	67	76	79	108
75°	36	37	46	53	56	39
85°	5	17	33	43	46	6
90°	0	12	27	38	39	0
95°	0	8	23	31	33	0
105°	0	6	15	21	23	0
115°	0	5	11	15	16	0
125°	0	5	10	11	12	0
135°	0	4	7	9	10	0
145°	0	3	5	7	7	0
155°	0	2	3	5	5	0
165°	1	1	2	3	3	0
175°	1	1	1	1	0	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	832.3	832.3	832.3	832.3	832.3
1°	839.2	834.4	823.4	826.6	826.0
2°	839.2	829.2	807.6	801.3	791.9
3°	839.7	820.2	783.4	762.9	749.8
4°	839.7	807.1	747.7	713.5	696.7
5°	839.7	793.4	710.9	663.0	645.2
6°	838.7	777.1	673.5	623.1	596.3
7°	840.2	759.3	639.9	585.7	564.7
8°	839.7	738.2	608.9	557.3	534.2
9°	841.3	717.7	575.2	530.5	513.2
10°	839.7	698.8	553.1	505.3	487.4
11°	839.7	680.4	537.4	489.0	473.7
12°	840.8	659.4	520.0	465.9	444.8
13°	843.4	637.8	500.0	440.6	415.9
14°	843.9	621.5	481.6	408.5	382.8
15°	841.8	606.2	462.2	379.6	349.1
16°	840.8	590.5	439.0	352.3	324.9
17°	842.9	572.1	412.8	324.4	299.2
18°	843.4	555.2	384.9	303.4	281.3
19°	843.4	542.1	362.3	283.9	265.0
20°	843.4	529.5	339.1	269.2	252.9
21°	842.3	513.7	312.9	254.0	240.3
22.5°	842.9	484.3	282.9	236.1	225.0
23°	841.3	476.9	275.5	231.4	219.8
24°	841.8	455.9	259.7	221.9	210.8
25°	842.3	429.1	244.5	212.4	202.4
26°	841.3	407.5	231.9	203.5	196.6
27°	838.7	390.1	222.9	196.1	189.8
28°	835.0	367.0	213.5	189.8	184.0
29°	831.3	340.7	204.0	183.0	178.8
30°	829.2	319.7	195.1	177.7	174.0
32.5°	816.6	278.1	176.7	167.2	164.0
35°	792.9	238.7	163.5	158.3	156.2
37.5°	761.9	208.2	153.5	152.5	153.0
40°	710.9	184.0	146.2	150.9	155.6
42.5°	649.9	165.1	140.9	152.5	157.7
45°	573.1	150.9	137.8	152.5	157.7
47.5°	487.9	139.3	134.1	147.2	152.5
50°	402.8	128.8	126.7	139.3	144.1
52.5°	327.6	118.8	117.3	129.3	134.1
55°	262.9	107.8	106.2	119.4	124.1
57.5°	210.8	97.3	95.7	107.8	112.5
60°	168.3	86.8	84.1	96.2	101.0
62.5°	134.1	76.8	75.2	85.7	89.9
65°	105.2	67.8	66.8	76.2	78.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	83.1	59.4	59.9	67.8	71.0
70°	64.1	51.5	54.7	62.0	64.1
72.5°	48.4	43.6	50.5	56.8	59.4
75°	35.8	36.8	46.3	53.1	55.7
77.5°	24.7	30.5	42.6	50.0	52.6
80°	16.8	24.7	38.9	47.3	50.5
82.5°	10.0	20.5	35.8	44.7	48.4
85°	4.7	16.8	32.6	42.6	45.7
87.5°	1.6	13.7	29.4	40.5	43.1
90°	0.0	11.6	27.3	37.9	39.4
92.5°	0.0	10.0	24.7	34.7	35.8
95°	0.0	8.4	22.6	31.0	32.6
97.5°	0.0	7.9	21.0	27.9	30.0
100°	0.0	7.4	18.9	25.2	27.3
102.5°	0.0	6.3	16.8	22.6	24.7
105°	0.0	6.3	14.7	21.0	22.6
107.5°	0.5	5.8	13.7	18.9	21.0
110°	0.5	5.8	12.1	17.9	19.5
112.5°	0.5	5.8	11.6	16.3	18.4
115°	0.5	5.3	11.0	15.2	16.3
117.5°	0.5	5.3	10.5	13.7	14.7
120°	0.5	4.7	10.0	12.6	13.1
122.5°	0.5	4.7	9.5	11.6	12.1
125°	0.5	4.7	9.5	11.0	11.6
127.5°	0.5	4.2	8.9	10.5	10.5
130°	0.5	4.2	8.4	10.0	10.0
132.5°	0.5	3.7	7.9	9.5	10.0
135°	0.5	3.7	7.4	8.9	9.5
137.5°	0.5	3.2	6.8	8.4	8.9
140°	0.5	3.2	6.3	7.9	8.4
142.5°	0.5	2.6	5.8	7.4	7.9
145°	0.5	2.6	5.3	6.8	7.4
147.5°	0.5	2.6	4.7	6.3	6.8
150°	0.5	2.1	4.2	5.8	6.3
152.5°	0.5	2.1	3.7	5.3	5.8
155°	0.5	1.6	3.2	4.7	5.3
157.5°	0.5	1.6	3.2	4.2	4.7
160°	1.1	1.6	2.6	3.7	4.2
162.5°	0.5	1.1	2.6	3.2	3.7
165°	1.1	1.1	2.1	2.6	3.2
167.5°	1.1	1.1	1.6	2.1	2.6
170°	1.1	1.1	1.6	1.6	2.1
172.5°	1.1	1.1	1.1	1.6	1.1
175°	1.1	1.1	1.1	1.1	0.5
177.5°	1.1	1.1	1.1	1.1	0.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.1	1.1	1.1	1.1	1.1

(END OF REPORT)