

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: P565897

Luminaire Tested: **2SNX-SL3-LW-UNV-CC93-CD-3500K-HI**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565897
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-3500K-HI
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, HI LUMEN SETTING, AND LW LENS
Light Source: -
Ballast/Driver: -

Summary

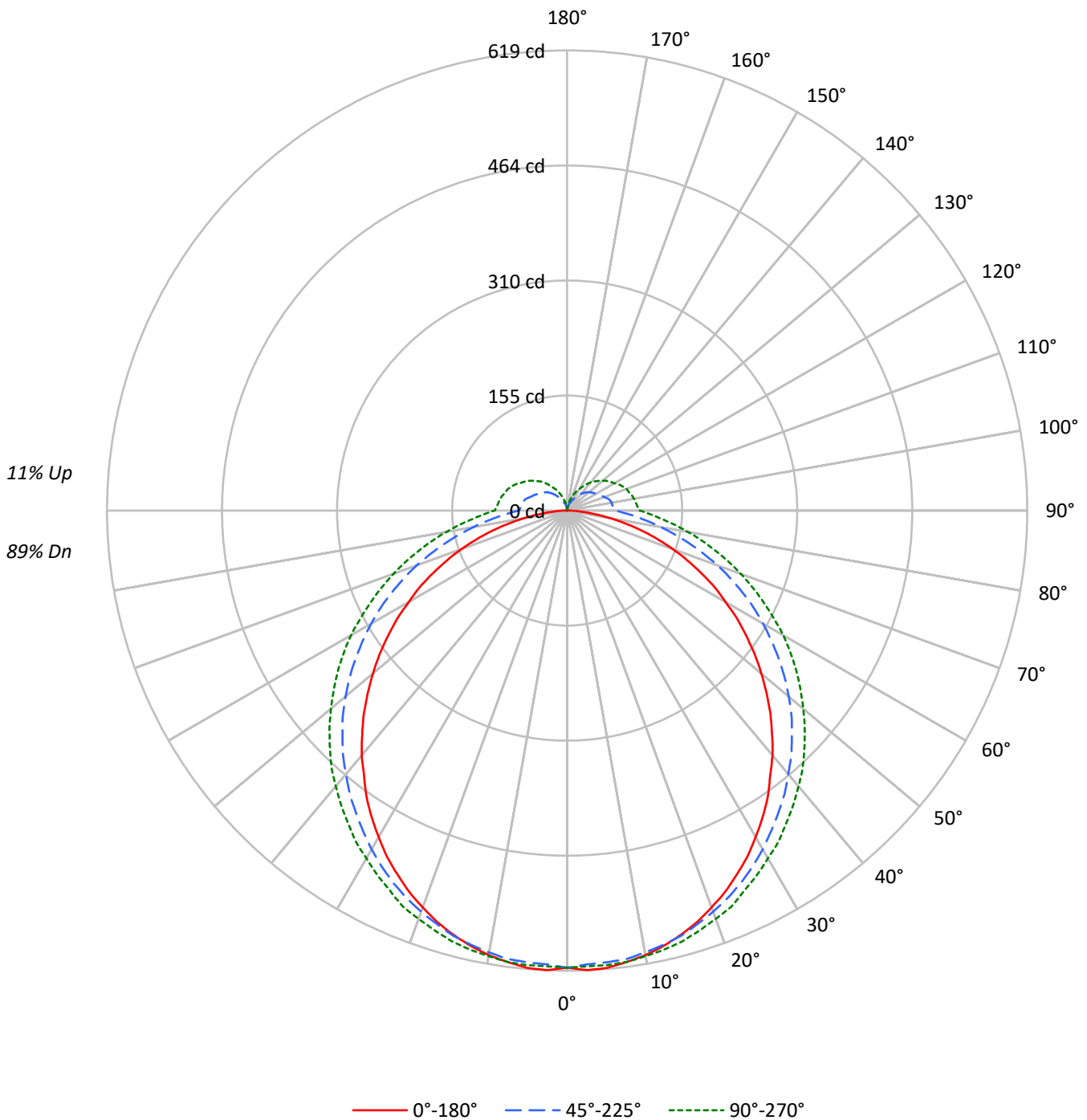
Lumens per Lamp: N/A
Luminaire Lumens: 2189.0 lumens
Efficiency: N/A
Efficacy: 104.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Semi-Direct

Input Watts (W): 21
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	77	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°	13237	13237	13237
5°	13245	12593	12529
10°	13083	12064	11905
15°	12880	11554	11340
20°	12629	11028	10776
25°	12349	10527	10223
30°	12027	10012	9694
35°	11681	9500	9200
40°	11289	9001	8728
45°	10867	8501	8244
50°	10389	7987	7738
55°	9864	7419	7239
60°	9256	6829	6714
65°	8600	6194	6113
70°	7729	5520	5524
75°	6598	4743	4898
80°	4908	3963	4273
85°	2884	3239	3633



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.4	2.7
10°-20°	167.9	7.7
20°-30°	255.3	11.7
30°-40°	309.9	14.2
40°-50°	327.4	15.0
50°-60°	306.4	14.0
60°-70°	251.4	11.5
70°-80°	172.9	7.9
80°-90°	94.7	4.3
90°-100°	61.0	2.8
100°-110°	54.7	2.5
110°-120°	45.3	2.1
120°-130°	34.9	1.6
130°-140°	24.5	1.1
140°-150°	14.8	0.7
150°-160°	7.1	0.3
160°-170°	2.3	0.1
170°-180°	0.3	0.0
0°-30°	481.5	22.0
0°-40°	791.4	36.2
0°-60°	1425.2	65.1
0°-90°	1944.2	88.8
90°-120°	161.0	7.4
90°-150°	235.1	10.7
90°-180°	245.0	11.2
0°-180°	2189.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	615	615	615	615	615	
5°	617	616	610	615	614	59
15°	591	593	592	600	600	167
25°	540	546	553	564	564	249
35°	470	482	496	510	514	294
45°	387	404	427	446	451	298
55°	294	318	347	369	376	263
65°	199	226	260	284	292	197
75°	104	132	170	196	205	109
85°	23	54	93	118	127	26
90°	0	30	65	89	98	2
95°	0	29	62	85	94	0
105°	0	24	58	80	88	1
115°	1	22	49	71	80	1
125°	1	18	42	61	68	1
135°	1	14	34	49	56	1
145°	1	10	24	38	42	1
155°	1	6	15	24	28	1
165°	1	4	8	11	14	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°	614.9	614.9	614.9	614.9	614.9
2.5°	618.7	617.4	611.1	616.2	613.6
5°	617.4	616.2	609.8	614.9	613.6
7.5°	612.4	612.4	608.6	613.6	612.4
10°	607.3	607.3	603.5	609.8	608.6
12.5°	599.7	600.9	598.4	606.0	604.8
15°	590.8	593.3	592.1	599.7	599.7
17.5°	580.7	583.2	583.2	592.1	592.1
20°	568.0	571.8	574.3	584.5	584.5
22.5°	555.3	560.4	564.2	573.1	576.9
25°	540.1	546.4	552.8	564.2	564.2
27.5°	524.9	532.5	540.1	551.5	552.8
30°	507.1	516.0	526.1	537.6	540.1
32.5°	489.4	500.8	510.9	524.9	528.7
35°	470.4	481.8	495.7	509.7	513.5
37.5°	448.8	462.8	480.5	495.7	499.5
40°	429.8	445.0	462.8	480.5	484.3
42.5°	408.2	424.7	446.3	462.8	469.1
45°	386.7	404.4	427.3	446.3	451.3
47.5°	363.9	384.2	409.5	427.3	433.6
50°	341.0	362.6	389.2	409.5	414.6
52.5°	318.2	341.0	368.9	389.2	395.6
55°	294.1	318.2	347.4	368.9	376.5
57.5°	271.3	295.4	325.8	348.7	356.3
60°	246.0	273.9	304.3	327.1	336.0
62.5°	224.4	249.8	282.7	305.5	313.2
65°	199.0	225.7	259.9	284.0	291.6
67.5°	175.0	202.9	237.1	262.4	270.0
70°	150.9	178.8	215.5	239.6	248.5
72.5°	126.8	155.9	191.4	218.1	226.9
75°	104.0	131.9	169.9	196.5	205.4
77.5°	79.9	110.3	148.3	175.0	185.1
80°	58.3	90.0	128.1	154.7	164.8
82.5°	39.3	71.0	109.0	135.7	145.8
85°	22.8	54.5	92.6	117.9	126.8
87.5°	11.4	41.8	77.3	102.7	111.6
90°	0.0	30.4	64.7	88.7	97.6
92.5°	0.0	29.2	63.4	86.2	95.1
95°	0.0	29.2	62.1	84.9	93.8
97.5°	0.0	27.9	60.9	84.9	92.6
100°	0.0	26.6	60.9	83.7	91.3
102.5°	0.0	25.4	59.6	82.4	90.0
105°	0.0	24.1	58.3	79.9	87.5
107.5°	1.3	24.1	55.8	78.6	86.2
110°	1.3	22.8	53.2	77.3	84.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.3	21.6	50.7	74.8	82.4
115°	1.3	21.6	49.4	71.0	79.9
117.5°	1.3	20.3	46.9	68.5	77.3
120°	1.3	20.3	45.6	65.9	73.5
122.5°	1.3	19.0	43.1	63.4	71.0
125°	1.3	17.7	41.8	60.9	68.5
127.5°	1.3	16.5	40.6	58.3	65.9
130°	1.3	15.2	38.0	55.8	62.1
132.5°	1.3	15.2	36.8	52.0	59.6
135°	1.3	13.9	34.2	49.4	55.8
137.5°	1.3	12.7	31.7	46.9	53.2
140°	1.3	11.4	29.2	44.4	49.4
142.5°	1.3	11.4	26.6	40.6	45.6
145°	1.3	10.1	24.1	38.0	41.8
147.5°	1.3	8.9	21.6	34.2	38.0
150°	1.3	8.9	19.0	30.4	34.2
152.5°	1.3	7.6	16.5	27.9	31.7
155°	1.3	6.3	15.2	24.1	27.9
157.5°	1.3	6.3	12.7	20.3	24.1
160°	1.3	5.1	11.4	16.5	20.3
162.5°	1.3	5.1	10.1	13.9	17.7
165°	1.3	3.8	7.6	11.4	13.9
167.5°	1.3	3.8	6.3	8.9	11.4
170°	1.3	2.5	5.1	6.3	8.9
172.5°	1.3	2.5	3.8	3.8	3.8
175°	1.3	1.3	2.5	2.5	1.3
177.5°	1.3	1.3	1.3	1.3	1.3
180°	1.3	1.3	1.3	1.3	1.3

(END OF REPORT)