

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: P565908

Luminaire Tested: **2SNX-SL3-SLW-UNV-CC83-CD-3500K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565908
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-3500K-MED
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 80CRI, MED LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

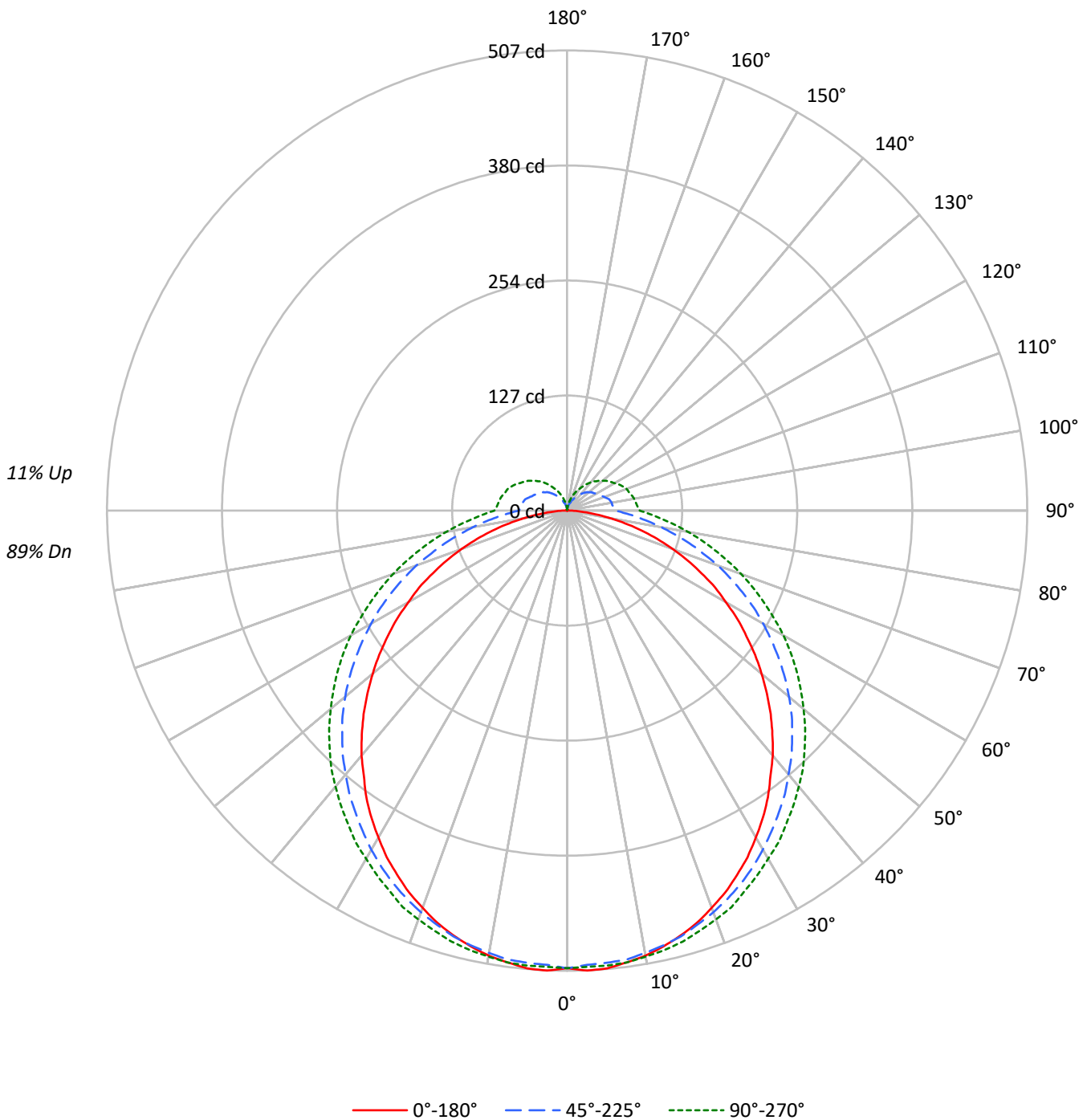
Lumens per Lamp: N/A
Luminaire Lumens: 1795.0 lumens
Efficiency: N/A
Efficacy: 129.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 13.86
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°	10854	10854	10854
5°	10902	10563	10567
10°	10807	10337	10305
15°	10679	10105	10063
20°	10512	9844	9797
25°	10321	9587	9515
30°	10097	9305	9239
35°	9850	9016	8977
40°	9570	8730	8728
45°	9269	8439	8459
50°	8926	8131	8159
55°	8546	7764	7862
60°	8102	7371	7531
65°	7634	6930	7114
70°	6989	6445	6709
75°	6136	5835	6256
80°	4797	5211	5814
85°	3133	4665	5358



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.9	2.7
10°-20°	137.7	7.7
20°-30°	209.3	11.7
30°-40°	254.1	14.2
40°-50°	268.5	15.0
50°-60°	251.2	14.0
60°-70°	206.1	11.5
70°-80°	141.8	7.9
80°-90°	77.6	4.3
90°-100°	50.0	2.8
100°-110°	44.9	2.5
110°-120°	37.1	2.1
120°-130°	28.6	1.6
130°-140°	20.1	1.1
140°-150°	12.1	0.7
150°-160°	5.8	0.3
160°-170°	1.9	0.1
170°-180°	0.2	0.0
0°-30°	394.9	22.0
0°-40°	648.9	36.2
0°-60°	1168.7	65.1
0°-90°	1594.3	88.8
90°-120°	132.0	7.4
90°-150°	192.8	10.7
90°-180°	201.0	11.2
0°-180°	1795.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	504	504	504	504	504	
5°	506	505	500	504	503	48
15°	484	486	486	492	492	137
25°	443	448	453	463	463	204
35°	386	395	406	418	421	241
45°	317	332	350	366	370	244
55°	241	261	285	302	309	216
65°	163	185	213	233	239	162
75°	85	108	139	161	168	90
85°	19	45	76	97	104	22
90°	0	25	53	73	80	1
95°	0	24	51	70	77	0
105°	0	20	48	66	72	1
115°	1	18	40	58	66	1
125°	1	15	34	50	56	1
135°	1	11	28	40	46	1
145°	1	8	20	31	34	1
155°	1	5	12	20	23	0
165°	1	3	6	9	11	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°	504.2	504.2	504.2	504.2	504.2
2.5°	507.3	506.3	501.1	505.3	503.2
5°	506.3	505.3	500.1	504.2	503.2
7.5°	502.1	502.1	499.0	503.2	502.1
10°	498.0	498.0	494.9	500.1	499.0
12.5°	491.7	492.8	490.7	496.9	495.9
15°	484.5	486.5	485.5	491.7	491.7
17.5°	476.1	478.2	478.2	485.5	485.5
20°	465.8	468.9	471.0	479.3	479.3
22.5°	455.4	459.5	462.6	469.9	473.0
25°	442.9	448.1	453.3	462.6	462.6
27.5°	430.4	436.6	442.9	452.2	453.3
30°	415.9	423.1	431.4	440.8	442.9
32.5°	401.3	410.7	419.0	430.4	433.5
35°	385.7	395.1	406.5	417.9	421.0
37.5°	368.0	379.5	394.0	406.5	409.6
40°	352.4	364.9	379.5	394.0	397.1
42.5°	334.8	348.3	365.9	379.5	384.7
45°	317.1	331.6	350.4	365.9	370.1
47.5°	298.4	315.0	335.8	350.4	355.6
50°	279.7	297.3	319.2	335.8	340.0
52.5°	260.9	279.7	302.5	319.2	324.4
55°	241.2	260.9	284.9	302.5	308.8
57.5°	222.5	242.2	267.2	285.9	292.1
60°	201.7	224.6	249.5	268.2	275.5
62.5°	184.0	204.8	231.8	250.6	256.8
65°	163.2	185.1	213.1	232.9	239.1
67.5°	143.5	166.3	194.4	215.2	221.4
70°	123.7	146.6	176.7	196.5	203.8
72.5°	104.0	127.9	157.0	178.8	186.1
75°	85.2	108.1	139.3	161.1	168.4
77.5°	65.5	90.4	121.6	143.5	151.8
80°	47.8	73.8	105.0	126.8	135.2
82.5°	32.2	58.2	89.4	111.2	119.6
85°	18.7	44.7	75.9	96.7	104.0
87.5°	9.4	34.3	63.4	84.2	91.5
90°	0.0	25.0	53.0	72.8	80.1
92.5°	0.0	23.9	52.0	70.7	78.0
95°	0.0	23.9	50.9	69.7	76.9
97.5°	0.0	22.9	49.9	69.7	75.9
100°	0.0	21.8	49.9	68.6	74.9
102.5°	0.0	20.8	48.9	67.6	73.8
105°	0.0	19.8	47.8	65.5	71.7
107.5°	1.0	19.8	45.7	64.5	70.7
110°	1.0	18.7	43.7	63.4	69.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.0	17.7	41.6	61.3	67.6
115°	1.0	17.7	40.5	58.2	65.5
117.5°	1.0	16.6	38.5	56.1	63.4
120°	1.0	16.6	37.4	54.1	60.3
122.5°	1.0	15.6	35.3	52.0	58.2
125°	1.0	14.6	34.3	49.9	56.1
127.5°	1.0	13.5	33.3	47.8	54.1
130°	1.0	12.5	31.2	45.7	50.9
132.5°	1.0	12.5	30.1	42.6	48.9
135°	1.0	11.4	28.1	40.5	45.7
137.5°	1.0	10.4	26.0	38.5	43.7
140°	1.0	9.4	23.9	36.4	40.5
142.5°	1.0	9.4	21.8	33.3	37.4
145°	1.0	8.3	19.8	31.2	34.3
147.5°	1.0	7.3	17.7	28.1	31.2
150°	1.0	7.3	15.6	25.0	28.1
152.5°	1.0	6.2	13.5	22.9	26.0
155°	1.0	5.2	12.5	19.8	22.9
157.5°	1.0	5.2	10.4	16.6	19.8
160°	1.0	4.2	9.4	13.5	16.6
162.5°	1.0	4.2	8.3	11.4	14.6
165°	1.0	3.1	6.2	9.4	11.4
167.5°	1.0	3.1	5.2	7.3	9.4
170°	1.0	2.1	4.2	5.2	7.3
172.5°	1.0	2.1	3.1	3.1	3.1
175°	1.0	1.0	2.1	2.1	1.0
177.5°	1.0	1.0	1.0	1.0	1.0
180°	1.0	1.0	1.0	1.0	1.0

(END OF REPORT)