

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: P565931

Luminaire Tested: **2SNX-SL3-UNV-CC83-CD-5000K-LOW**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565931  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 2SNX-SL3-UNV-CC83-CD-5000K-LOW  
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 80CRI, LOW LUMEN SETTING, AND NO LENS  
Light Source: -  
Ballast/Driver: -

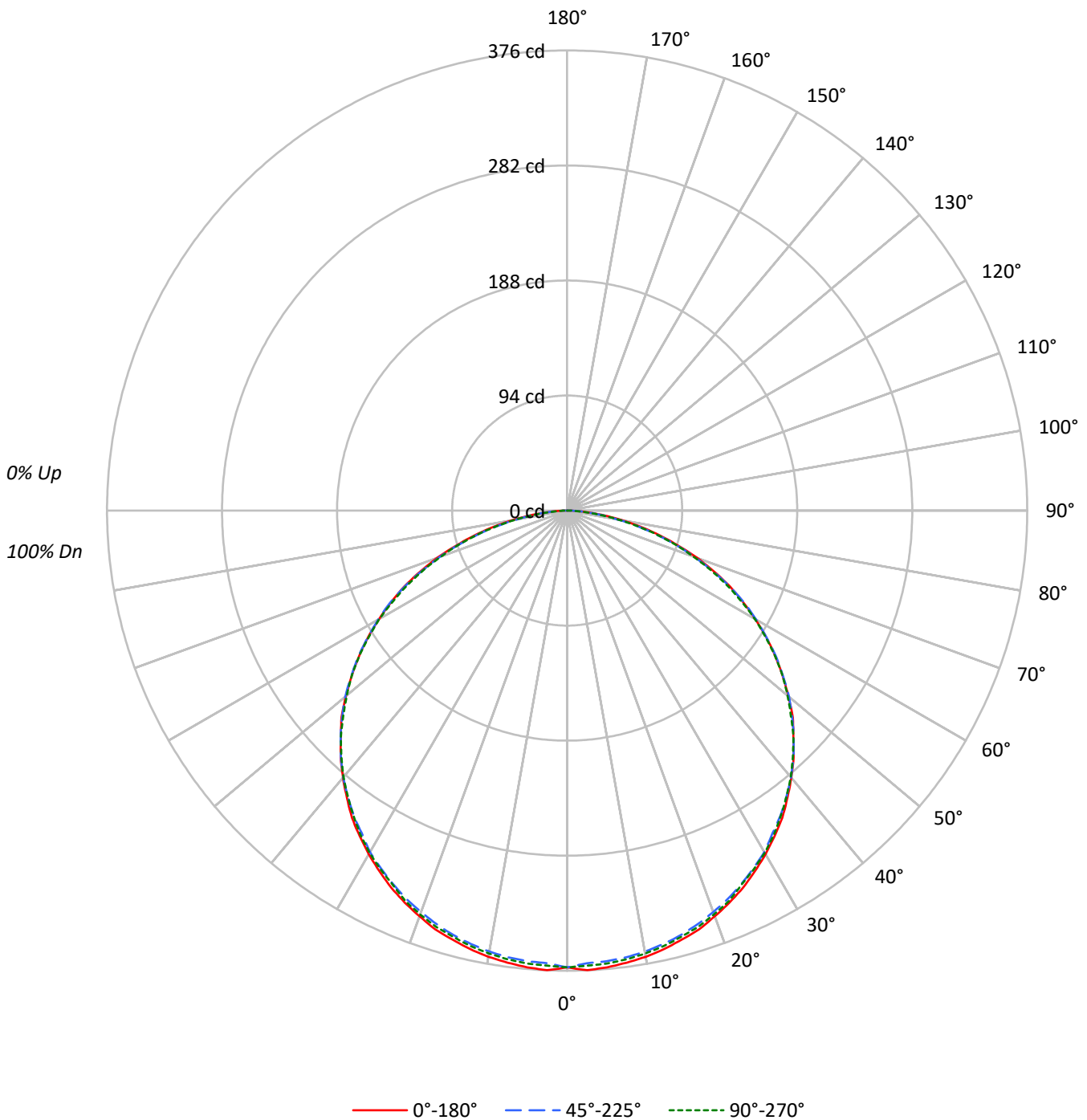
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1116.0 lumens  
Efficiency: N/A  
Efficacy: 167.4 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')  
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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	8034	8034	8034
5°	8095	7987	8030
10°	8093	7999	8034
15°	8086	8003	8035
20°	8082	7998	8044
25°	8076	7998	8012
30°	8059	8009	8027
35°	8055	7992	8000
40°	8009	7998	7990
45°	7961	7970	7961
50°	7904	7924	7870
55°	7799	7822	7784
60°	7647	7673	7629
65°	7488	7437	7335
70°	7119	6974	6886
75°	6504	6280	6313
80°	5616	5207	5331
85°	4224	4051	3656



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	35.4	3.2
10°-20°	102.0	9.1
20°-30°	156.1	14.0
30°-40°	190.9	17.1
40°-50°	201.9	18.1
50°-60°	186.0	16.7
60°-70°	143.3	12.8
70°-80°	80.3	7.2
80°-90°	20.0	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	293.5	26.3
0°-40°	484.4	43.4
0°-60°	872.4	78.2
0°-90°	1116.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1116.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	373	373	373	373	373	
5°	375	373	370	373	372	36
15°	363	362	359	362	360	103
25°	340	339	337	339	337	157
35°	306	306	304	305	304	191
45°	262	262	262	262	262	202
55°	208	209	208	208	207	186
65°	147	147	146	142	144	145
75°	78	77	76	73	76	83
85°	17	16	16	16	15	21
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	373.2	373.2	373.2	373.2	373.2
2.5°	375.9	374.3	370.2	373.9	372.2
5°	374.6	373.2	369.6	373.2	371.6
7.5°	372.6	371.6	368.2	371.6	369.9
10°	370.2	369.2	365.9	369.2	367.5
12.5°	366.9	366.2	362.8	366.2	364.5
15°	362.8	362.2	359.1	362.2	360.5
17.5°	358.8	357.5	354.4	357.8	356.5
20°	352.8	352.1	349.1	352.1	351.1
22.5°	346.7	346.1	343.4	346.1	345.4
25°	340.0	339.3	336.7	339.3	337.3
27.5°	332.3	332.6	329.6	331.3	330.3
30°	324.2	324.2	322.2	322.9	322.9
32.5°	315.5	315.5	312.5	314.5	314.2
35°	306.5	305.8	304.1	305.1	304.4
37.5°	295.7	295.4	294.4	295.0	294.4
40°	285.0	285.3	284.6	284.3	284.3
42.5°	273.9	274.6	273.6	273.2	272.9
45°	261.5	262.5	261.8	261.5	261.5
47.5°	250.1	250.4	249.4	249.1	248.0
50°	236.0	237.3	236.6	236.0	235.0
52.5°	221.9	223.9	222.5	221.9	221.9
55°	207.8	209.4	208.4	208.4	207.4
57.5°	193.0	194.7	193.3	193.3	192.0
60°	177.6	179.2	178.2	177.2	177.2
62.5°	162.1	163.5	163.1	161.4	160.4
65°	147.0	147.0	146.0	142.3	144.0
67.5°	129.9	129.6	128.2	124.5	126.9
70°	113.1	113.1	110.8	106.4	109.4
72.5°	95.0	96.0	93.0	90.0	93.0
75°	78.2	77.2	75.5	72.8	75.9
77.5°	62.1	60.4	58.4	57.1	58.7
80°	45.3	44.3	42.0	42.0	43.0
82.5°	30.9	29.9	28.2	28.5	27.2
85°	17.1	16.1	16.4	16.4	14.8
87.5°	7.0	7.0	7.0	6.4	5.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)