

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: P565925

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

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565925  
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-3500K-LOW  
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 80CRI, LOW LUMEN SETTING, AND NO LENS  
Light Source: -  
Ballast/Driver: -

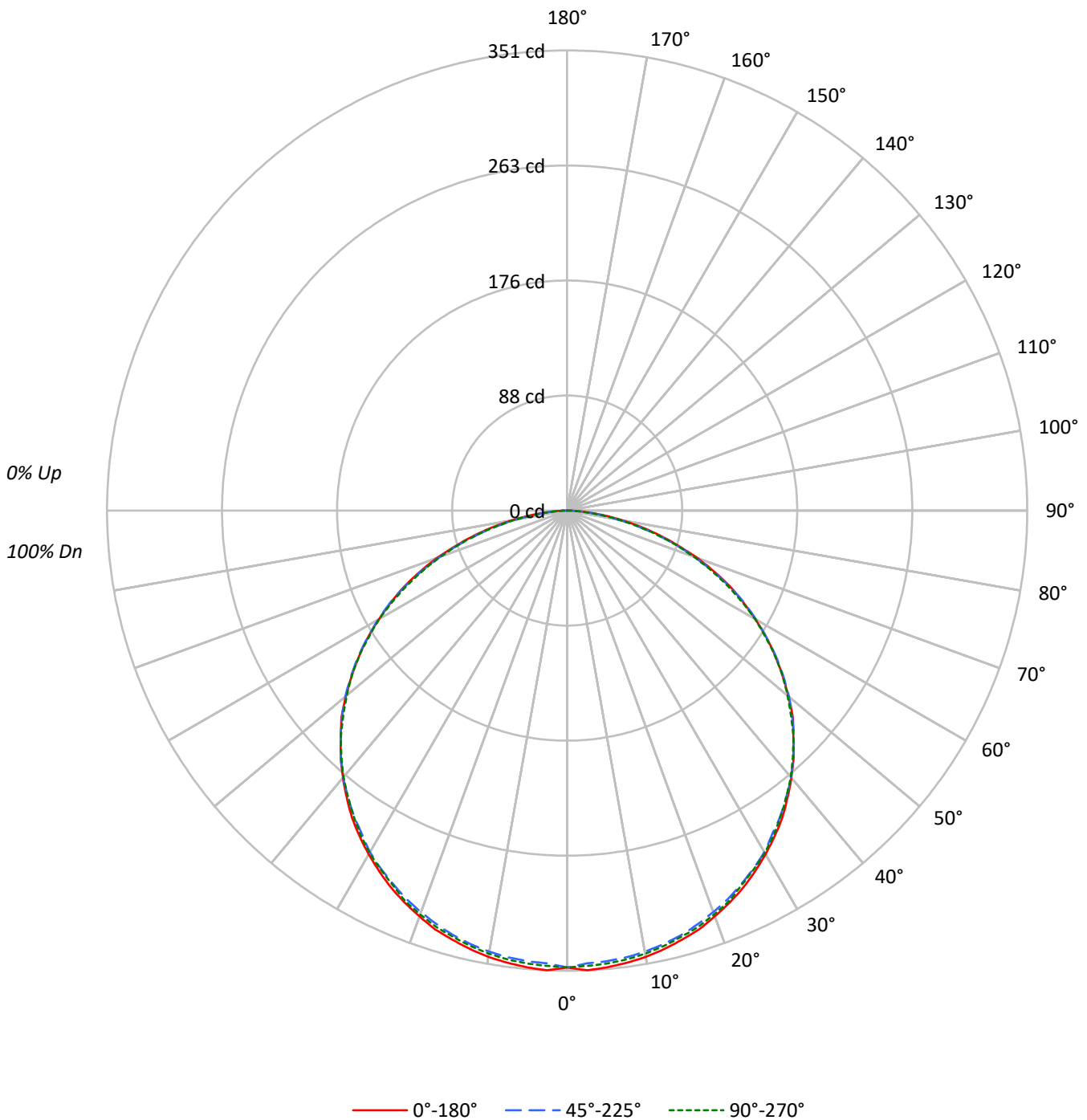
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1042.0 lumens  
Efficiency: N/A  
Efficacy: 150.4 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): 6.93  
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	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	37	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°	7502	7502	7502
5°	7557	7455	7497
10°	7557	7467	7502
15°	7551	7473	7502
20°	7546	7466	7510
25°	7542	7466	7482
30°	7525	7480	7495
35°	7519	7461	7469
40°	7478	7470	7458
45°	7432	7441	7432
50°	7378	7398	7348
55°	7281	7304	7270
60°	7139	7164	7126
65°	6994	6943	6846
70°	6647	6508	6433
75°	6072	5864	5889
80°	5244	4860	4971
85°	3952	3804	3409



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	33.1	3.2
10°-20°	95.3	9.1
20°-30°	145.8	14.0
30°-40°	178.2	17.1
40°-50°	188.5	18.1
50°-60°	173.7	16.7
60°-70°	133.9	12.8
70°-80°	75.0	7.2
80°-90°	18.6	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°	274.1	26.3
0°-40°	452.3	43.4
0°-60°	814.5	78.2
0°-90°	1042.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1042.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	348	348	348	348	348	
5°	350	348	345	348	347	33
15°	339	338	335	338	337	96
25°	318	317	314	317	315	146
35°	286	286	284	285	284	179
45°	244	245	244	244	244	189
55°	194	196	195	195	194	173
65°	137	137	136	133	134	135
75°	73	72	70	68	71	77
85°	16	15	15	15	14	20
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	348.5	348.5	348.5	348.5	348.5
2.5°	351.0	349.4	345.7	349.1	347.6
5°	349.7	348.5	345.0	348.5	346.9
7.5°	347.9	346.9	343.8	346.9	345.4
10°	345.7	344.7	341.6	344.7	343.2
12.5°	342.5	341.9	338.8	341.9	340.3
15°	338.8	338.2	335.3	338.2	336.6
17.5°	335.0	333.8	330.9	334.1	332.8
20°	329.4	328.8	325.9	328.8	327.8
22.5°	323.7	323.1	320.6	323.1	322.5
25°	317.5	316.8	314.3	316.8	315.0
27.5°	310.3	310.6	307.8	309.3	308.4
30°	302.7	302.7	300.9	301.5	301.5
32.5°	294.6	294.6	291.8	293.7	293.3
35°	286.1	285.5	283.9	284.9	284.2
37.5°	276.1	275.8	274.8	275.5	274.8
40°	266.1	266.4	265.8	265.4	265.4
42.5°	255.7	256.4	255.4	255.1	254.8
45°	244.1	245.1	244.4	244.1	244.1
47.5°	233.5	233.8	232.9	232.5	231.6
50°	220.3	221.6	220.9	220.3	219.4
52.5°	207.2	209.0	207.8	207.2	207.2
55°	194.0	195.6	194.6	194.6	193.7
57.5°	180.2	181.8	180.5	180.5	179.3
60°	165.8	167.4	166.4	165.5	165.5
62.5°	151.4	152.6	152.3	150.7	149.8
65°	137.3	137.3	136.3	132.9	134.4
67.5°	121.3	121.0	119.7	116.3	118.5
70°	105.6	105.6	103.4	99.3	102.2
72.5°	88.7	89.6	86.8	84.0	86.8
75°	73.0	72.1	70.5	68.0	70.8
77.5°	58.0	56.4	54.5	53.3	54.8
80°	42.3	41.4	39.2	39.2	40.1
82.5°	28.8	27.9	26.3	26.6	25.4
85°	16.0	15.0	15.4	15.4	13.8
87.5°	6.6	6.6	6.6	6.0	5.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)