

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: P565935

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

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565935  
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-CC93-CD-3500K-MED  
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, MED LUMEN SETTING, AND NO LENS  
Light Source: -  
Ballast/Driver: -

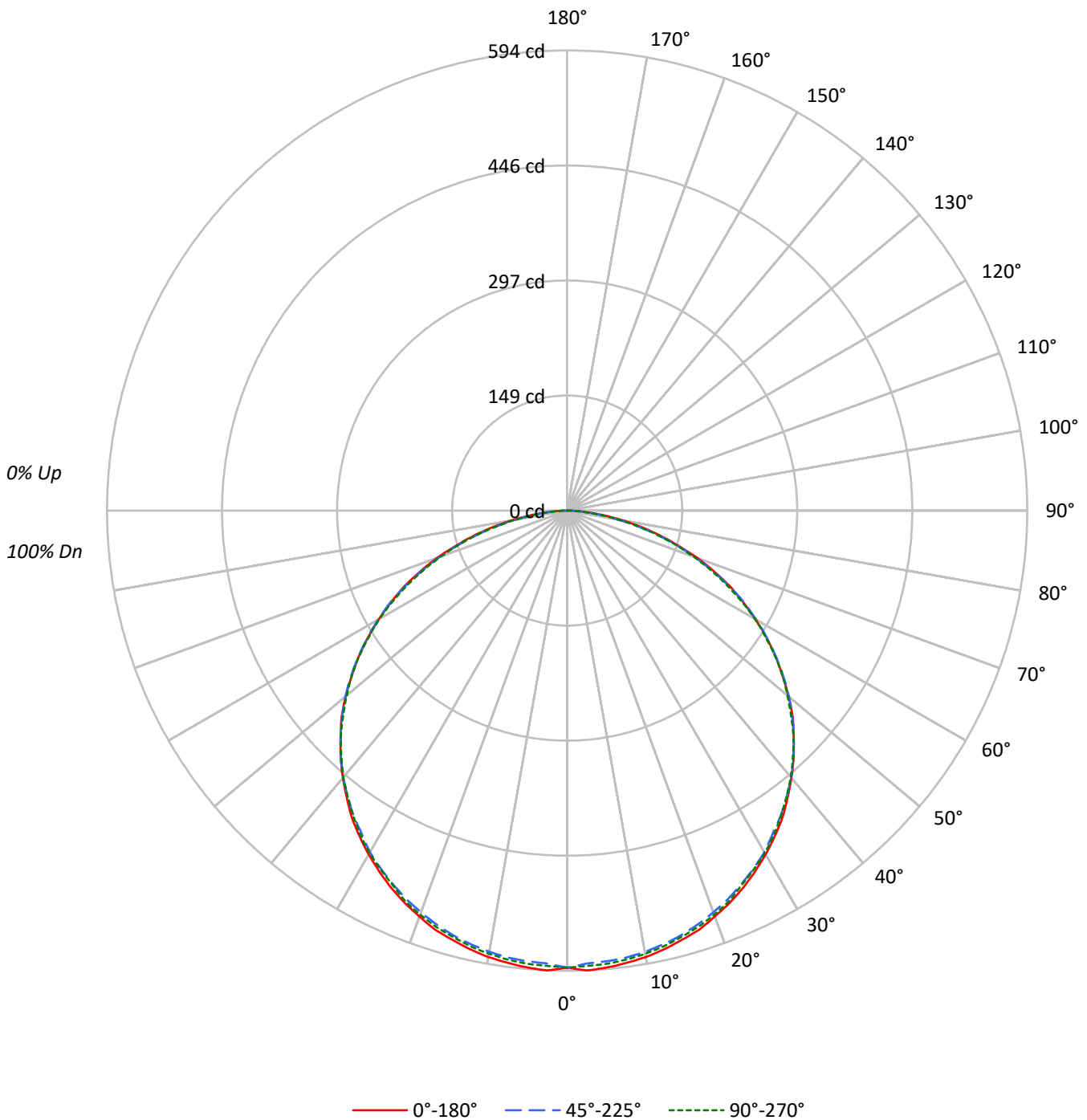
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1764.0 lumens  
Efficiency: N/A  
Efficacy: 127.3 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): 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	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°	12701	12701	12701
5°	12795	12622	12692
10°	12792	12642	12698
15°	12782	12652	12699
20°	12774	12641	12715
25°	12765	12639	12665
30°	12740	12660	12688
35°	12730	12633	12646
40°	12657	12643	12629
45°	12583	12598	12583
50°	12492	12526	12439
55°	12326	12367	12307
60°	12086	12129	12060
65°	11838	11757	11594
70°	11254	11021	10889
75°	10281	9931	9973
80°	8877	8219	8418
85°	6694	6422	5755



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	56.0	3.2
10°-20°	161.3	9.1
20°-30°	246.8	14.0
30°-40°	301.7	17.1
40°-50°	319.2	18.1
50°-60°	294.1	16.7
60°-70°	226.6	12.8
70°-80°	127.0	7.2
80°-90°	31.6	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°	464.0	26.3
0°-40°	765.7	43.4
0°-60°	1378.9	78.2
0°-90°	1764.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1764.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	590	590	590	590	590	
5°	592	590	584	590	587	56
15°	574	572	568	572	570	162
25°	537	536	532	536	533	248
35°	484	483	481	482	481	303
45°	413	415	414	413	413	319
55°	328	331	330	330	328	293
65°	232	232	231	225	228	229
75°	124	122	119	115	120	131
85°	27	26	26	26	23	33
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	590.0	590.0	590.0	590.0	590.0
2.5°	594.2	591.6	585.2	591.0	588.4
5°	592.1	590.0	584.1	590.0	587.3
7.5°	588.9	587.3	582.0	587.3	584.7
10°	585.2	583.6	578.3	583.6	580.9
12.5°	579.9	578.8	573.5	578.8	576.2
15°	573.5	572.5	567.7	572.5	569.8
17.5°	567.2	565.0	560.3	565.6	563.4
20°	557.6	556.5	551.8	556.5	555.0
22.5°	548.1	547.0	542.7	547.0	545.9
25°	537.4	536.4	532.1	536.4	533.2
27.5°	525.2	525.8	521.0	523.7	522.1
30°	512.5	512.5	509.3	510.4	510.4
32.5°	498.7	498.7	493.9	497.1	496.6
35°	484.4	483.3	480.7	482.3	481.2
37.5°	467.4	466.9	465.3	466.4	465.3
40°	450.4	451.0	449.9	449.4	449.4
42.5°	432.9	434.0	432.4	431.9	431.3
45°	413.3	414.9	413.8	413.3	413.3
47.5°	395.3	395.8	394.2	393.7	392.1
50°	373.0	375.1	374.0	373.0	371.4
52.5°	350.7	353.9	351.8	350.7	350.7
55°	328.4	331.1	329.5	329.5	327.9
57.5°	305.1	307.7	305.6	305.6	303.5
60°	280.7	283.3	281.7	280.1	280.1
62.5°	256.3	258.4	257.8	255.2	253.6
65°	232.4	232.4	230.8	225.0	227.6
67.5°	205.3	204.8	202.7	196.8	200.5
70°	178.8	178.8	175.1	168.2	173.0
72.5°	150.1	151.7	147.0	142.2	147.0
75°	123.6	122.0	119.4	115.1	119.9
77.5°	98.2	95.5	92.3	90.2	92.8
80°	71.6	70.0	66.3	66.3	67.9
82.5°	48.8	47.2	44.6	45.1	43.0
85°	27.1	25.5	26.0	26.0	23.3
87.5°	11.1	11.1	11.1	10.1	9.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)