

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: P565593

Luminaire Tested: **2SNX-23SL-UNV-L950-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565593  
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-23SL-UNV-L950-CD  
Description: 2FT 2300 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

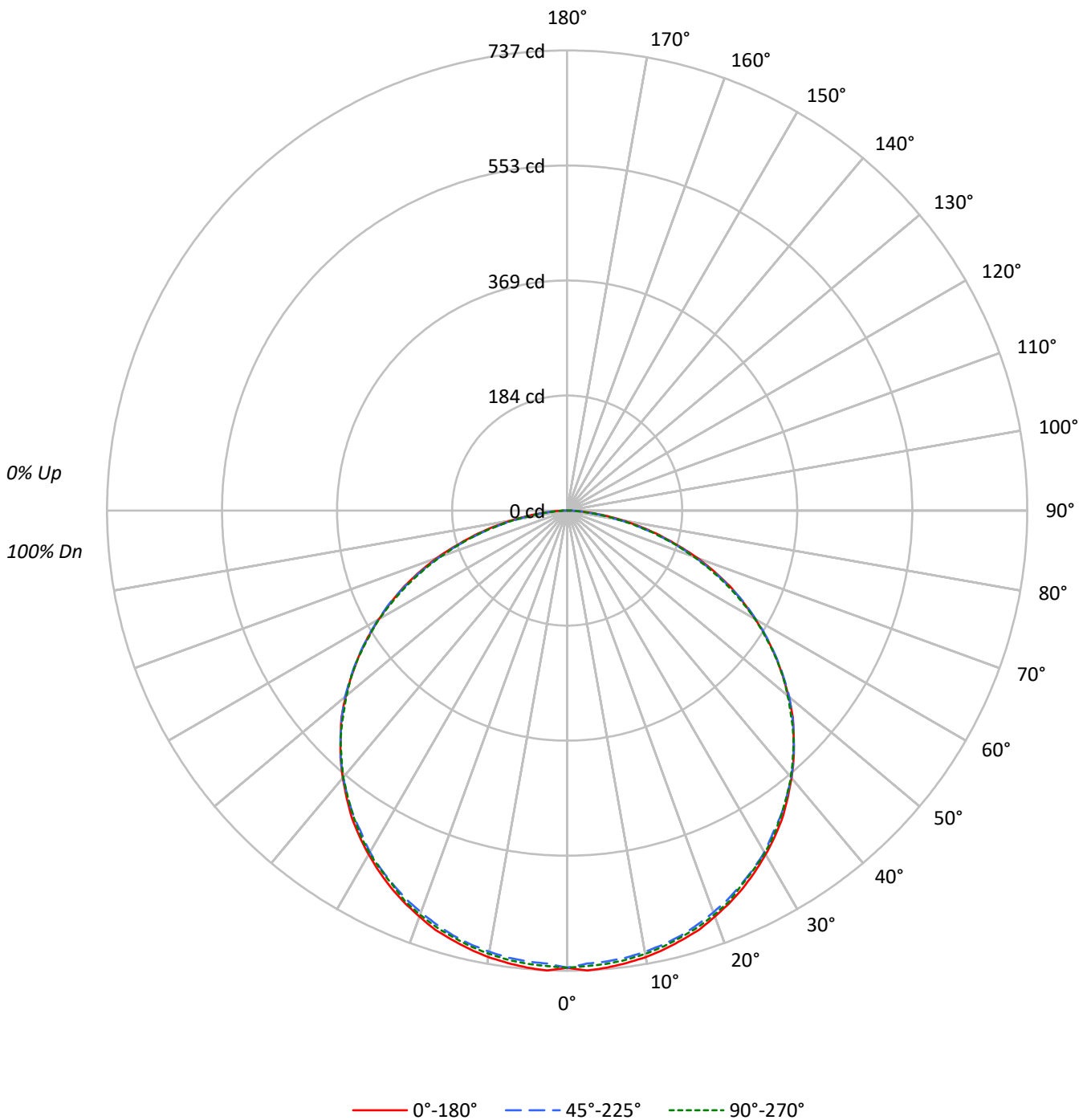
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2189.0 lumens  
Efficiency: N/A  
Efficacy: 146.9 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): 14.9  
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°	15761	15761	15761
5°	15877	15665	15749
10°	15875	15687	15759
15°	15862	15701	15759
20°	15851	15686	15778
25°	15841	15684	15718
30°	15810	15710	15745
35°	15797	15676	15692
40°	15709	15690	15670
45°	15615	15633	15615
50°	15500	15547	15436
55°	15295	15343	15272
60°	14996	15052	14966
65°	14691	14589	14385
70°	13967	13678	13508
75°	12759	12319	12377
80°	11021	10203	10451
85°	8299	7978	7163



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	69.4	3.2
10°-20°	200.1	9.1
20°-30°	306.2	14.0
30°-40°	374.4	17.1
40°-50°	396.0	18.1
50°-60°	364.9	16.7
60°-70°	281.2	12.8
70°-80°	157.5	7.2
80°-90°	39.2	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°	575.8	26.3
0°-40°	950.2	43.4
0°-60°	1711.1	78.2
0°-90°	2189.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2189.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	732	732	732	732	732	
5°	735	732	725	732	729	70
15°	712	710	704	710	707	201
25°	667	666	660	666	662	307
35°	601	600	596	598	597	376
45°	513	515	514	513	513	396
55°	408	411	409	409	407	364
65°	288	288	286	279	282	284
75°	153	151	148	143	149	163
85°	34	32	32	32	29	41
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	732.1	732.1	732.1	732.1	732.1
2.5°	737.4	734.1	726.2	733.4	730.1
5°	734.7	732.1	724.9	732.1	728.8
7.5°	730.8	728.8	722.2	728.8	725.5
10°	726.2	724.2	717.6	724.2	720.9
12.5°	719.6	718.3	711.7	718.3	715.0
15°	711.7	710.4	704.5	710.4	707.1
17.5°	703.8	701.2	695.2	701.8	699.2
20°	691.9	690.6	684.7	690.6	688.7
22.5°	680.1	678.8	673.5	678.8	677.5
25°	666.9	665.6	660.3	665.6	661.7
27.5°	651.8	652.4	646.5	649.8	647.8
30°	636.0	636.0	632.0	633.4	633.4
32.5°	618.9	618.9	612.9	616.9	616.2
35°	601.1	599.8	596.5	598.5	597.1
37.5°	580.0	579.4	577.4	578.7	577.4
40°	559.0	559.6	558.3	557.6	557.6
42.5°	537.2	538.5	536.6	535.9	535.3
45°	512.9	514.8	513.5	512.9	512.9
47.5°	490.5	491.1	489.2	488.5	486.5
50°	462.8	465.5	464.2	462.8	460.9
52.5°	435.2	439.1	436.5	435.2	435.2
55°	407.5	410.8	408.8	408.8	406.9
57.5°	378.6	381.9	379.2	379.2	376.6
60°	348.3	351.6	349.6	347.6	347.6
62.5°	318.0	320.6	320.0	316.7	314.7
65°	288.4	288.4	286.4	279.1	282.4
67.5°	254.8	254.1	251.5	244.3	248.9
70°	221.9	221.9	217.3	208.7	214.6
72.5°	186.3	188.3	182.4	176.4	182.4
75°	153.4	151.4	148.1	142.9	148.8
77.5°	121.8	118.5	114.6	111.9	115.2
80°	88.9	86.9	82.3	82.3	84.3
82.5°	60.6	58.6	55.3	56.0	53.3
85°	33.6	31.6	32.3	32.3	29.0
87.5°	13.8	13.8	13.8	12.5	11.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)