

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: P565622

Luminaire Tested: **2SNX-25SL-LW-UNV-L930-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565622  
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-25SL-LW-UNV-L930-CD  
Description: 2FT 2500 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LW LENS  
Light Source: -  
Ballast/Driver: -

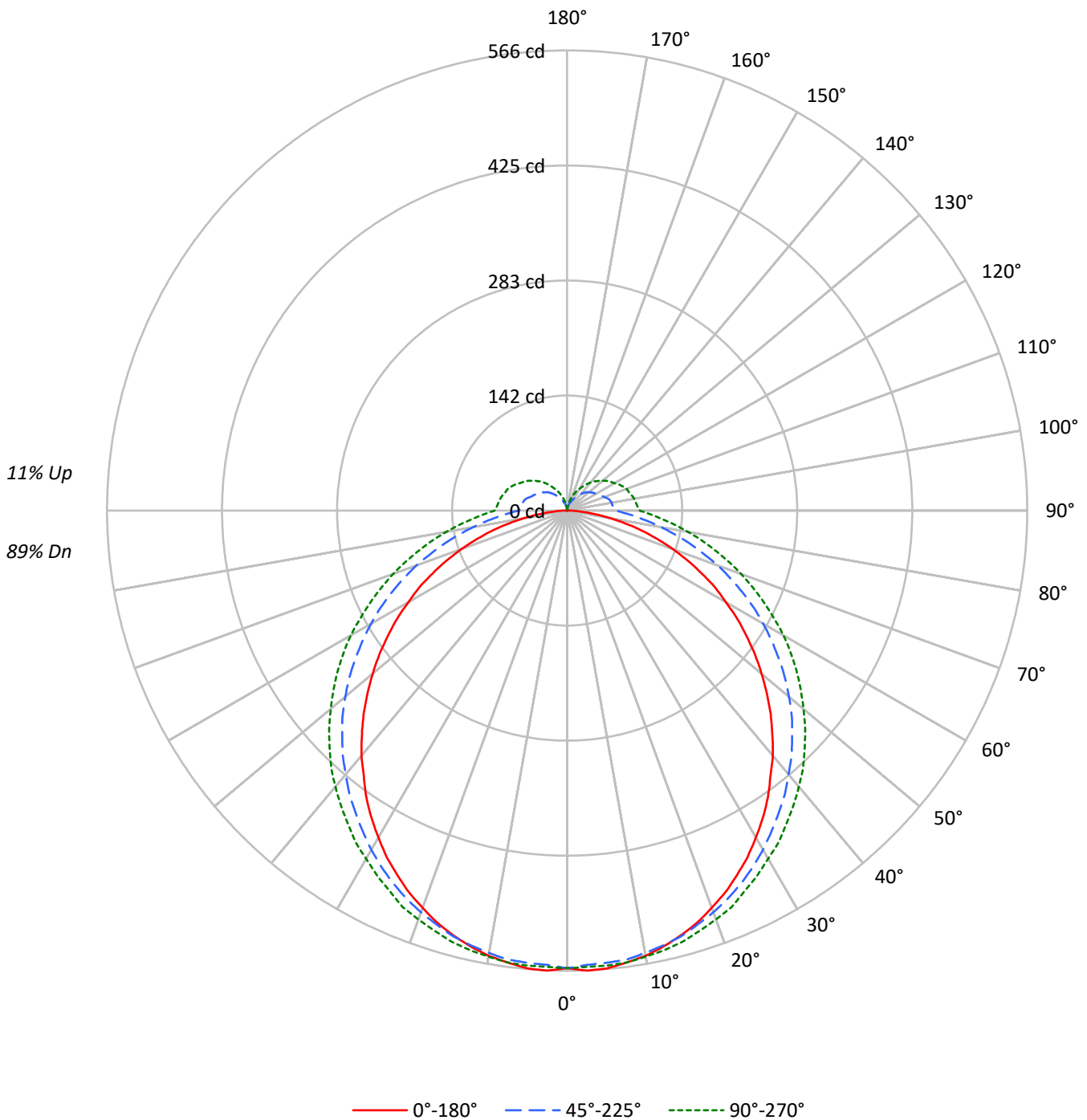
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2004.0 lumens  
Efficiency: N/A  
Efficacy: 114.5 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: 0.17')  
CIE Type: Semi-Direct

Input Watts (W): 17.5  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	76	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°	12118	12118	12118
5°	12126	11530	11471
10°	11978	11045	10897
15°	11792	10577	10381
20°	11562	10097	9865
25°	11304	9638	9359
30°	11012	9167	8874
35°	10693	8697	8423
40°	10336	8238	7991
45°	9948	7781	7548
50°	9511	7312	7083
55°	9033	6791	6627
60°	8473	6252	6146
65°	7874	5670	5598
70°	7073	5054	5057
75°	6040	4341	4483
80°	4496	3625	3913
85°	2644	2963	3327



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	53.5	2.7
10°-20°	153.7	7.7
20°-30°	233.7	11.7
30°-40°	283.7	14.2
40°-50°	299.8	15.0
50°-60°	280.5	14.0
60°-70°	230.1	11.5
70°-80°	158.3	7.9
80°-90°	86.7	4.3
90°-100°	55.8	2.8
100°-110°	50.1	2.5
110°-120°	41.5	2.1
120°-130°	31.9	1.6
130°-140°	22.4	1.1
140°-150°	13.5	0.7
150°-160°	6.5	0.3
160°-170°	2.1	0.1
170°-180°	0.3	0.0
0°-30°	440.8	22.0
0°-40°	724.5	36.2
0°-60°	1304.8	65.1
0°-90°	1779.9	88.8
90°-120°	147.4	7.4
90°-150°	215.3	10.7
90°-180°	224.0	11.2
0°-180°	2004.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	563	563	563	563	563	
5°	565	564	558	563	562	54
15°	541	543	542	549	549	153
25°	494	500	506	516	516	228
35°	431	441	454	467	470	269
45°	354	370	391	409	413	273
55°	269	291	318	338	345	241
65°	182	207	238	260	267	180
75°	95	121	156	180	188	100
85°	21	50	85	108	116	24
90°	0	28	59	81	89	1
95°	0	27	57	78	86	0
105°	0	22	53	73	80	1
115°	1	20	45	65	73	1
125°	1	16	38	56	63	1
135°	1	13	31	45	51	1
145°	1	9	22	35	38	1
155°	1	6	14	22	26	1
165°	1	4	7	10	13	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°	562.9	562.9	562.9	562.9	562.9
2.5°	566.4	565.2	559.4	564.1	561.8
5°	565.2	564.1	558.3	562.9	561.8
7.5°	560.6	560.6	557.1	561.8	560.6
10°	556.0	556.0	552.5	558.3	557.1
12.5°	549.0	550.2	547.8	554.8	553.6
15°	540.9	543.2	542.0	549.0	549.0
17.5°	531.6	533.9	533.9	542.0	542.0
20°	520.0	523.5	525.8	535.1	535.1
22.5°	508.4	513.0	516.5	524.6	528.1
25°	494.4	500.3	506.1	516.5	516.5
27.5°	480.5	487.5	494.4	504.9	506.1
30°	464.3	472.4	481.7	492.1	494.4
32.5°	448.0	458.5	467.8	480.5	484.0
35°	430.6	441.1	453.8	466.6	470.1
37.5°	410.9	423.6	439.9	453.8	457.3
40°	393.5	407.4	423.6	439.9	443.4
42.5°	373.7	388.8	408.6	423.6	429.5
45°	354.0	370.3	391.1	408.6	413.2
47.5°	333.1	351.7	374.9	391.1	397.0
50°	312.2	332.0	356.3	374.9	379.5
52.5°	291.3	312.2	337.8	356.3	362.1
55°	269.3	291.3	318.0	337.8	344.7
57.5°	248.4	270.4	298.3	319.2	326.2
60°	225.2	250.7	278.6	299.5	307.6
62.5°	205.4	228.7	258.8	279.7	286.7
65°	182.2	206.6	237.9	260.0	267.0
67.5°	160.2	185.7	217.0	240.3	247.2
70°	138.1	163.7	197.3	219.4	227.5
72.5°	116.1	142.8	175.3	199.6	207.8
75°	95.2	120.7	155.5	179.9	188.0
77.5°	73.1	101.0	135.8	160.2	169.5
80°	53.4	82.4	117.2	141.6	150.9
82.5°	36.0	65.0	99.8	124.2	133.5
85°	20.9	49.9	84.7	107.9	116.1
87.5°	10.4	38.3	70.8	94.0	102.1
90°	0.0	27.9	59.2	81.2	89.4
92.5°	0.0	26.7	58.0	78.9	87.1
95°	0.0	26.7	56.9	77.8	85.9
97.5°	0.0	25.5	55.7	77.8	84.7
100°	0.0	24.4	55.7	76.6	83.6
102.5°	0.0	23.2	54.6	75.4	82.4
105°	0.0	22.1	53.4	73.1	80.1
107.5°	1.2	22.1	51.1	72.0	78.9
110°	1.2	20.9	48.7	70.8	77.8



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.2	19.7	46.4	68.5	75.4
115°	1.2	19.7	45.3	65.0	73.1
117.5°	1.2	18.6	42.9	62.7	70.8
120°	1.2	18.6	41.8	60.4	67.3
122.5°	1.2	17.4	39.5	58.0	65.0
125°	1.2	16.2	38.3	55.7	62.7
127.5°	1.2	15.1	37.1	53.4	60.4
130°	1.2	13.9	34.8	51.1	56.9
132.5°	1.2	13.9	33.7	47.6	54.6
135°	1.2	12.8	31.3	45.3	51.1
137.5°	1.2	11.6	29.0	42.9	48.7
140°	1.2	10.4	26.7	40.6	45.3
142.5°	1.2	10.4	24.4	37.1	41.8
145°	1.2	9.3	22.1	34.8	38.3
147.5°	1.2	8.1	19.7	31.3	34.8
150°	1.2	8.1	17.4	27.9	31.3
152.5°	1.2	7.0	15.1	25.5	29.0
155°	1.2	5.8	13.9	22.1	25.5
157.5°	1.2	5.8	11.6	18.6	22.1
160°	1.2	4.6	10.4	15.1	18.6
162.5°	1.2	4.6	9.3	12.8	16.2
165°	1.2	3.5	7.0	10.4	12.8
167.5°	1.2	3.5	5.8	8.1	10.4
170°	1.2	2.3	4.6	5.8	8.1
172.5°	1.2	2.3	3.5	3.5	3.5
175°	1.2	1.2	2.3	2.3	1.2
177.5°	1.2	1.2	1.2	1.2	1.2
180°	1.2	1.2	1.2	1.2	1.2

(END OF REPORT)