

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: P565641

Luminaire Tested: **2SNX-25SL-UNV-L950-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565641  
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-25SL-UNV-L950-CD  
Description: 2FT 2500 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

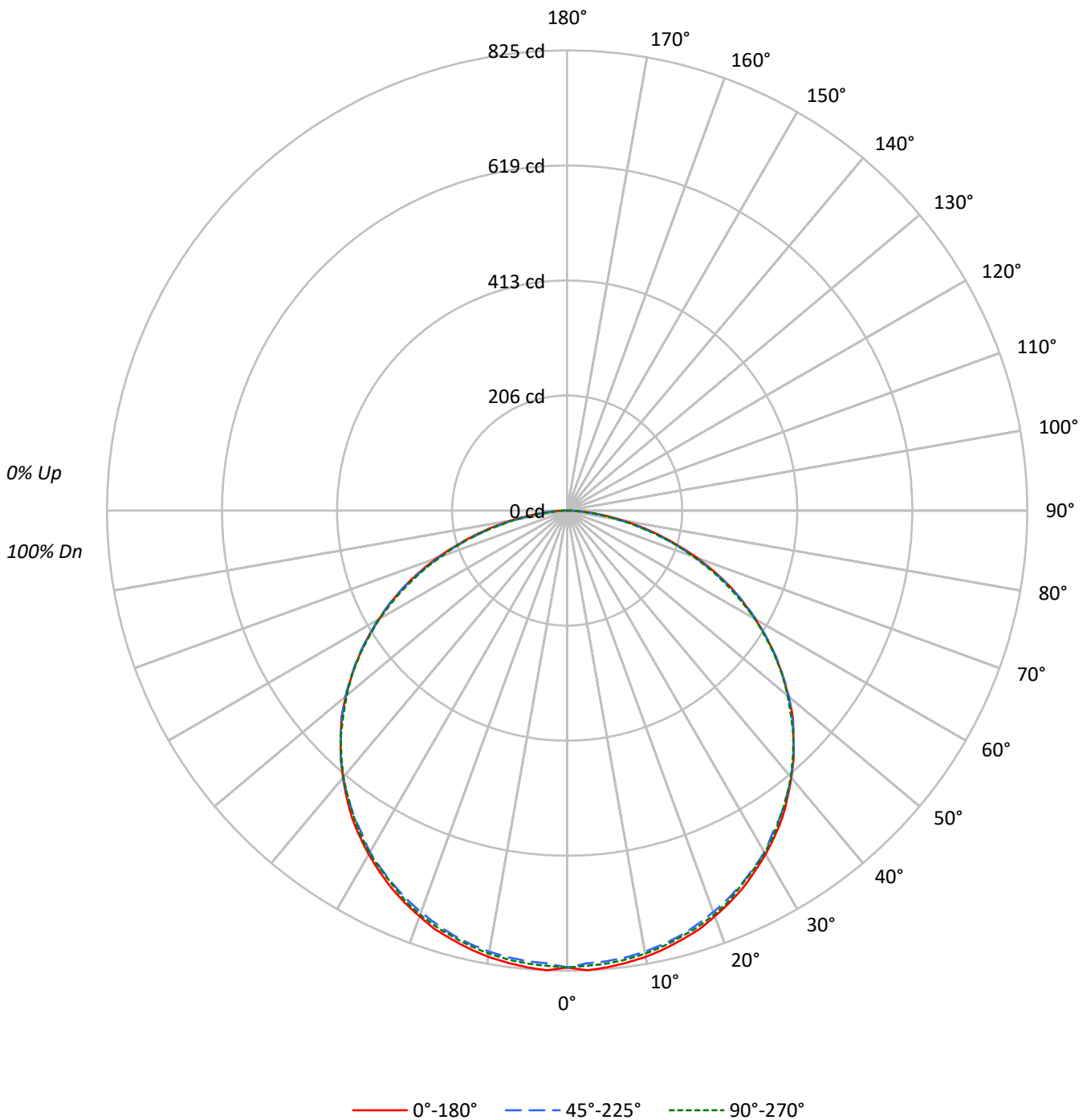
Lumens per Lamp: N/A  
Luminaire Lumens: 2449.0 lumens  
Efficiency: N/A  
Efficacy: 139.9 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')  
CIE Type: Direct

Input Watts (W): 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	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					100			
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83					83			
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69					69			
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58					58			
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49					49			
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42					42			
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37					37			
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33					33			
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29					29			
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26					26			
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23					23			

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

	0°	45°	90°
0°	17633	17633	17633
5°	17763	17526	17621
10°	17759	17551	17630
15°	17745	17565	17631
20°	17734	17549	17652
25°	17722	17549	17585
30°	17687	17577	17615
35°	17674	17537	17558
40°	17573	17553	17533
45°	17469	17491	17469
50°	17342	17392	17268
55°	17111	17167	17085
60°	16774	16839	16744
65°	16433	16321	16097
70°	15622	15301	15113
75°	14273	13782	13849
80°	12323	11418	11691
85°	9287	8917	8003



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	77.7	3.2
10°-20°	223.9	9.1
20°-30°	342.6	14.0
30°-40°	418.9	17.1
40°-50°	443.1	18.1
50°-60°	408.2	16.7
60°-70°	314.6	12.8
70°-80°	176.3	7.2
80°-90°	43.8	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°	644.2	26.3
0°-40°	1063.0	43.4
0°-60°	1914.3	78.2
0°-90°	2449.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2449.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	819	819	819	819	819	
5°	822	819	811	819	815	78
15°	796	795	788	795	791	225
25°	746	745	739	745	740	344
35°	672	671	667	670	668	420
45°	574	576	574	574	574	443
55°	456	460	457	457	455	407
65°	323	323	320	312	316	317
75°	172	169	166	160	166	182
85°	38	35	36	36	32	46
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	819.1	819.1	819.1	819.1	819.1
2.5°	825.0	821.3	812.4	820.5	816.9
5°	822.0	819.1	811.0	819.1	815.4
7.5°	817.6	815.4	808.0	815.4	811.7
10°	812.4	810.2	802.9	810.2	806.5
12.5°	805.1	803.6	796.2	803.6	799.9
15°	796.2	794.8	788.1	794.8	791.1
17.5°	787.4	784.4	777.8	785.2	782.2
20°	774.1	772.7	766.0	772.7	770.5
22.5°	760.9	759.4	753.5	759.4	757.9
25°	746.1	744.7	738.8	744.7	740.3
27.5°	729.2	729.9	723.3	727.0	724.8
30°	711.5	711.5	707.1	708.6	708.6
32.5°	692.4	692.4	685.7	690.2	689.4
35°	672.5	671.0	667.3	669.5	668.1
37.5°	648.9	648.2	646.0	647.4	646.0
40°	625.3	626.1	624.6	623.9	623.9
42.5°	601.0	602.5	600.3	599.6	598.8
45°	573.8	576.0	574.5	573.8	573.8
47.5°	548.7	549.5	547.3	546.5	544.3
50°	517.8	520.8	519.3	517.8	515.6
52.5°	486.9	491.3	488.3	486.9	486.9
55°	455.9	459.6	457.4	457.4	455.2
57.5°	423.5	427.2	424.3	424.3	421.3
60°	389.6	393.3	391.1	388.9	388.9
62.5°	355.8	358.7	358.0	354.3	352.1
65°	322.6	322.6	320.4	312.3	316.0
67.5°	285.1	284.3	281.4	273.3	278.4
70°	248.2	248.2	243.1	233.5	240.1
72.5°	208.4	210.7	204.0	197.4	204.0
75°	171.6	169.4	165.7	159.8	166.5
77.5°	136.3	132.6	128.2	125.2	128.9
80°	99.4	97.2	92.1	92.1	94.3
82.5°	67.8	65.6	61.9	62.6	59.7
85°	37.6	35.4	36.1	36.1	32.4
87.5°	15.5	15.5	15.5	14.0	12.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)