

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: P566181

Luminaire Tested: **4SNX-22SL-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566181
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: 4SNX-22SL-UNV-L950-CD
Description: 4FT 2200 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

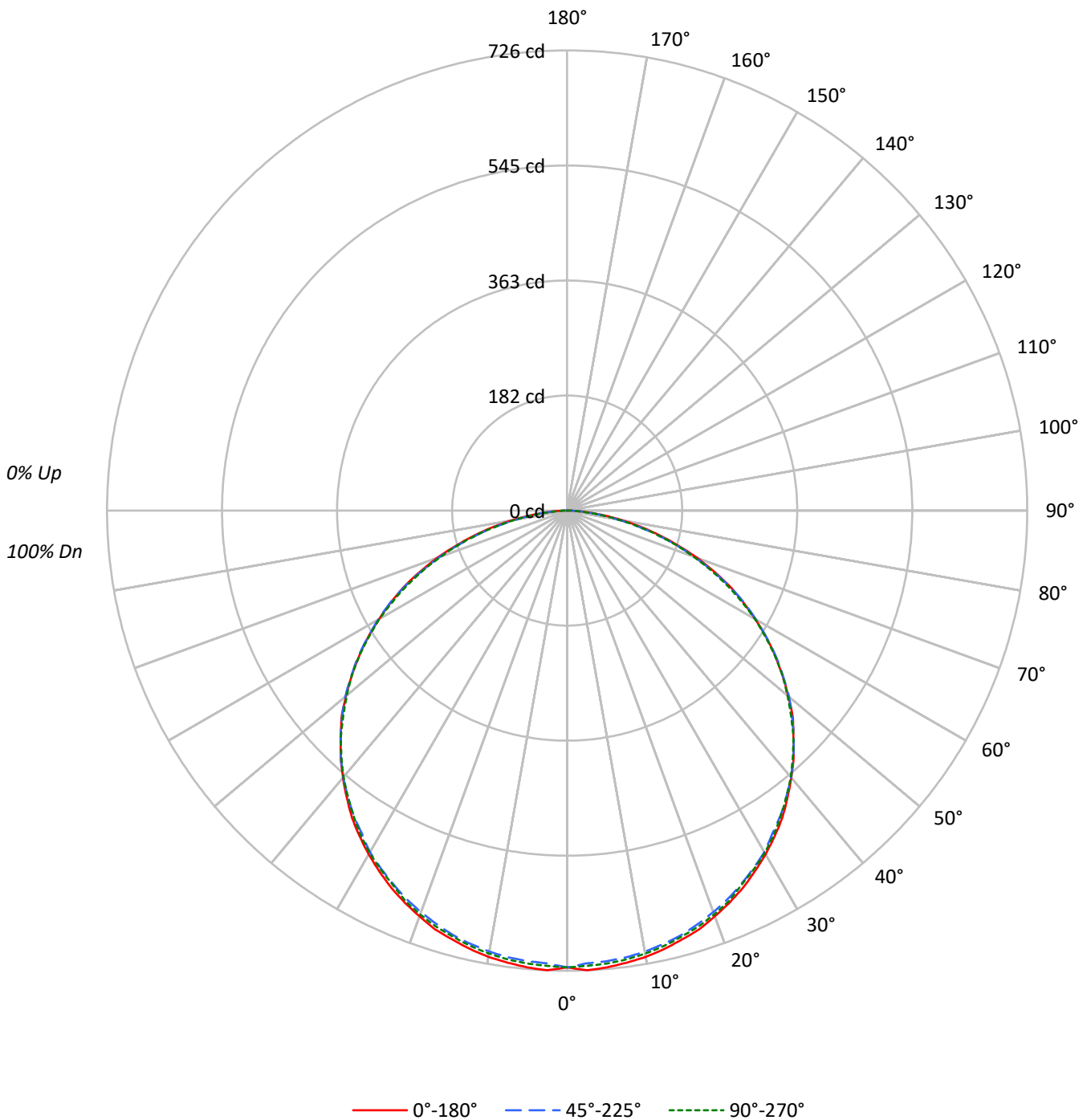
Lumens per Lamp: N/A
Luminaire Lumens: 2155.0 lumens
Efficiency: N/A
Efficacy: 156.2 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 13.8
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°	7758	7758	7758
5°	7815	7710	7753
10°	7814	7722	7757
15°	7807	7728	7757
20°	7803	7722	7766
25°	7798	7721	7736
30°	7782	7733	7750
35°	7776	7716	7725
40°	7732	7723	7714
45°	7686	7696	7686
50°	7629	7651	7598
55°	7529	7553	7518
60°	7382	7410	7367
65°	7231	7180	7083
70°	6873	6732	6650
75°	6280	6064	6093
80°	5424	5021	5145
85°	4088	3927	3520



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.4	3.2
10°-20°	197.0	9.1
20°-30°	301.4	14.0
30°-40°	368.6	17.1
40°-50°	389.9	18.1
50°-60°	359.2	16.7
60°-70°	276.8	12.8
70°-80°	155.1	7.2
80°-90°	38.6	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°	566.8	26.3
0°-40°	935.4	43.4
0°-60°	1684.5	78.2
0°-90°	2155.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2155.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	721	721	721	721	721	
5°	723	721	714	721	718	69
15°	701	699	694	699	696	198
25°	657	655	650	655	651	303
35°	592	590	587	589	588	370
45°	505	507	506	505	505	390
55°	401	404	402	402	401	358
65°	284	284	282	275	278	279
75°	151	149	146	141	146	160
85°	33	31	32	32	28	41
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	720.7	720.7	720.7	720.7	720.7
2.5°	725.9	722.7	714.9	722.0	718.8
5°	723.3	720.7	713.6	720.7	717.5
7.5°	719.4	717.5	711.0	717.5	714.3
10°	714.9	713.0	706.5	713.0	709.7
12.5°	708.4	707.1	700.6	707.1	703.9
15°	700.6	699.3	693.5	699.3	696.1
17.5°	692.9	690.3	684.4	690.9	688.3
20°	681.2	679.9	674.1	679.9	678.0
22.5°	669.5	668.2	663.1	668.2	666.9
25°	656.6	655.3	650.1	655.3	651.4
27.5°	641.7	642.3	636.5	639.7	637.8
30°	626.1	626.1	622.2	623.5	623.5
32.5°	609.3	609.3	603.4	607.3	606.7
35°	591.8	590.5	587.2	589.2	587.9
37.5°	571.0	570.4	568.4	569.7	568.4
40°	550.3	550.9	549.6	549.0	549.0
42.5°	528.9	530.2	528.2	527.6	526.9
45°	504.9	506.9	505.6	504.9	504.9
47.5°	482.9	483.5	481.6	480.9	479.0
50°	455.6	458.2	456.9	455.6	453.7
52.5°	428.4	432.3	429.7	428.4	428.4
55°	401.2	404.4	402.5	402.5	400.6
57.5°	372.7	375.9	373.3	373.3	370.7
60°	342.9	346.1	344.2	342.2	342.2
62.5°	313.1	315.6	315.0	311.8	309.8
65°	283.9	283.9	281.9	274.8	278.1
67.5°	250.8	250.2	247.6	240.5	245.0
70°	218.4	218.4	213.9	205.5	211.3
72.5°	183.4	185.4	179.5	173.7	179.5
75°	151.0	149.1	145.8	140.6	146.5
77.5°	119.9	116.7	112.8	110.2	113.4
80°	87.5	85.6	81.0	81.0	83.0
82.5°	59.6	57.7	54.4	55.1	52.5
85°	33.1	31.1	31.8	31.8	28.5
87.5°	13.6	13.6	13.6	12.3	11.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)