

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: P565638

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565638
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-L930-CD
Description: 2FT 2500 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

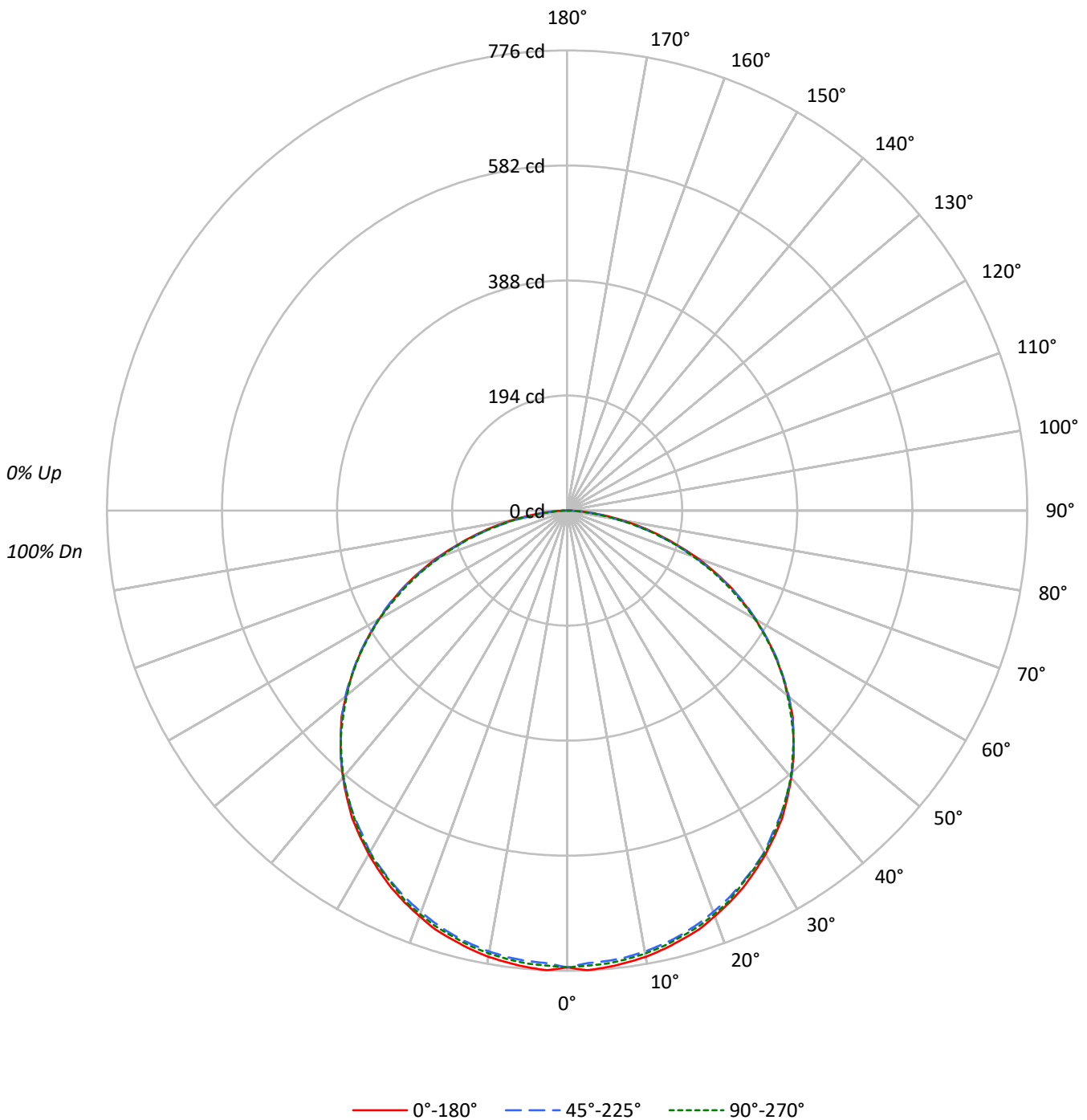
Lumens per Lamp: N/A
Luminaire Lumens: 2303.0 lumens
Efficiency: N/A
Efficacy: 131.6 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 17.5
Input Voltage (V): NR
Input Current (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	38	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°	16581	16581	16581
5°	16705	16480	16571
10°	16701	16504	16581
15°	16689	16517	16579
20°	16678	16504	16598
25°	16668	16501	16535
30°	16633	16531	16563
35°	16620	16491	16509
40°	16527	16507	16488
45°	16428	16449	16428
50°	16307	16354	16240
55°	16094	16143	16068
60°	15776	15836	15745
65°	15455	15348	15139
70°	14691	14389	14213
75°	13425	12959	13017
80°	11592	10736	10996
85°	8719	8373	7534



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.1	3.2
10°-20°	210.5	9.1
20°-30°	322.1	14.0
30°-40°	393.9	17.1
40°-50°	416.7	18.1
50°-60°	383.9	16.7
60°-70°	295.8	12.8
70°-80°	165.7	7.2
80°-90°	41.2	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°	605.8	26.3
0°-40°	999.6	43.4
0°-60°	1800.2	78.2
0°-90°	2303.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2303.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	770	770	770	770	770	
5°	773	770	763	770	767	73
15°	749	747	741	747	744	212
25°	702	700	695	700	696	323
35°	632	631	628	630	628	395
45°	540	542	540	540	540	417
55°	429	432	430	430	428	383
65°	303	303	301	294	297	298
75°	161	159	156	150	156	171
85°	35	33	34	34	30	44
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	770.2	770.2	770.2	770.2	770.2
2.5°	775.8	772.3	764.0	771.6	768.2
5°	773.0	770.2	762.6	770.2	766.8
7.5°	768.9	766.8	759.8	766.8	763.3
10°	764.0	761.9	755.0	761.9	758.5
12.5°	757.1	755.7	748.8	755.7	752.2
15°	748.8	747.4	741.1	747.4	743.9
17.5°	740.5	737.7	731.4	738.4	735.6
20°	728.0	726.6	720.4	726.6	724.5
22.5°	715.5	714.1	708.6	714.1	712.7
25°	701.7	700.3	694.7	700.3	696.1
27.5°	685.7	686.4	680.2	683.7	681.6
30°	669.1	669.1	665.0	666.3	666.3
32.5°	651.1	651.1	644.9	649.0	648.3
35°	632.4	631.0	627.5	629.6	628.2
37.5°	610.2	609.5	607.5	608.8	607.5
40°	588.1	588.8	587.4	586.7	586.7
42.5°	565.2	566.6	564.5	563.8	563.1
45°	539.6	541.7	540.3	539.6	539.6
47.5°	516.0	516.7	514.6	514.0	511.9
50°	486.9	489.7	488.3	486.9	484.9
52.5°	457.8	462.0	459.2	457.8	457.8
55°	428.8	432.2	430.1	430.1	428.1
57.5°	398.3	401.7	399.0	399.0	396.2
60°	366.4	369.9	367.8	365.7	365.7
62.5°	334.6	337.3	336.6	333.2	331.1
65°	303.4	303.4	301.3	293.7	297.2
67.5°	268.1	267.4	264.6	257.0	261.8
70°	233.4	233.4	228.6	219.6	225.8
72.5°	196.0	198.1	191.9	185.6	191.9
75°	161.4	159.3	155.8	150.3	156.5
77.5°	128.1	124.7	120.5	117.8	121.2
80°	93.5	91.4	86.6	86.6	88.7
82.5°	63.7	61.6	58.2	58.9	56.1
85°	35.3	33.2	33.9	33.9	30.5
87.5°	14.5	14.5	14.5	13.2	11.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)