

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: P567137

Luminaire Tested: **4SNX-SL3-UNV-CC83-CD-3500K-LOW**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567137  
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-SL3-UNV-CC83-CD-3500K-LOW  
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 80CRI, LOW LUMEN SETTING, AND NO LENS  
Light Source: -  
Ballast/Driver: -

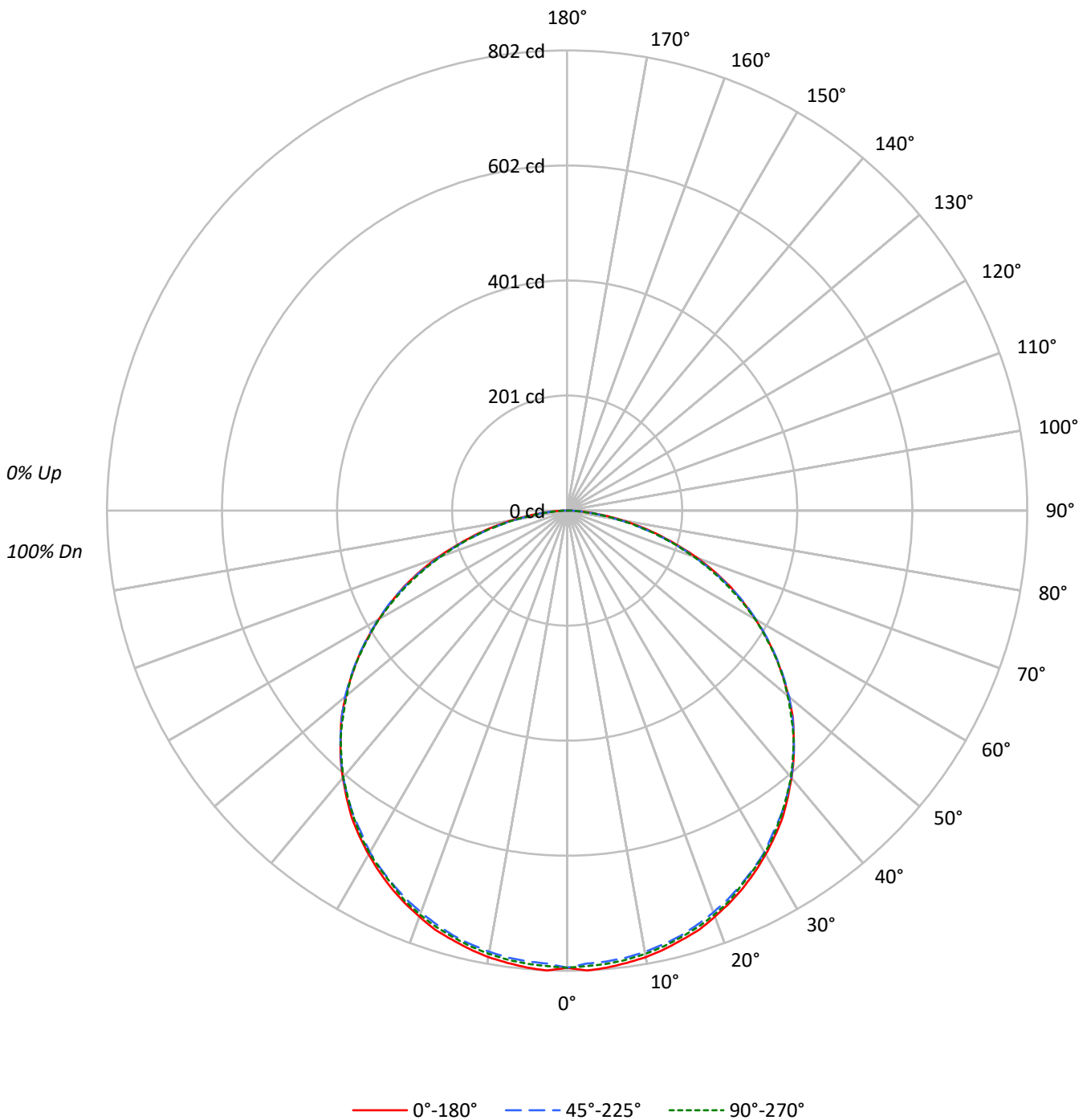
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2382.0 lumens  
Efficiency: N/A  
Efficacy: 142.4 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): 16.731  
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°	8576	8576	8576
5°	8639	8523	8569
10°	8637	8535	8575
15°	8630	8543	8574
20°	8625	8535	8584
25°	8619	8535	8551
30°	8602	8549	8566
35°	8595	8529	8539
40°	8546	8536	8526
45°	8496	8506	8496
50°	8433	8458	8398
55°	8323	8349	8308
60°	8159	8189	8144
65°	7992	7936	7827
70°	7597	7440	7352
75°	6941	6704	6733
80°	5994	5554	5684
85°	4508	4335	3890



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	75.6	3.2
10°-20°	217.8	9.1
20°-30°	333.2	14.0
30°-40°	407.4	17.1
40°-50°	430.9	18.1
50°-60°	397.1	16.7
60°-70°	306.0	12.8
70°-80°	171.4	7.2
80°-90°	42.6	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°	626.5	26.3
0°-40°	1033.9	43.4
0°-60°	1862.0	78.2
0°-90°	2382.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2382.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	797	797	797	797	797	
5°	800	797	789	797	793	76
15°	774	773	767	773	769	219
25°	726	724	719	724	720	334
35°	654	653	649	651	650	409
45°	558	560	559	558	558	431
55°	444	447	445	445	443	396
65°	314	314	312	304	307	309
75°	167	165	161	156	162	177
85°	36	34	35	35	32	45
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	796.7	796.7	796.7	796.7	796.7
2.5°	802.4	798.8	790.2	798.1	794.5
5°	799.5	796.7	788.8	796.7	793.1
7.5°	795.2	793.1	785.9	793.1	789.5
10°	790.2	788.1	780.9	788.1	784.5
12.5°	783.0	781.6	774.4	781.6	778.0
15°	774.4	773.0	766.6	773.0	769.4
17.5°	765.9	763.0	756.5	763.7	760.8
20°	753.0	751.5	745.1	751.5	749.4
22.5°	740.1	738.6	732.9	738.6	737.2
25°	725.7	724.3	718.6	724.3	720.0
27.5°	709.3	710.0	703.5	707.1	705.0
30°	692.1	692.1	687.8	689.2	689.2
32.5°	673.4	673.4	667.0	671.3	670.6
35°	654.1	652.7	649.1	651.2	649.8
37.5°	631.2	630.4	628.3	629.7	628.3
40°	608.2	609.0	607.5	606.8	606.8
42.5°	584.6	586.0	583.9	583.2	582.4
45°	558.1	560.2	558.8	558.1	558.1
47.5°	533.7	534.4	532.3	531.6	529.4
50°	503.6	506.5	505.1	503.6	501.5
52.5°	473.6	477.9	475.0	473.6	473.6
55°	443.5	447.0	444.9	444.9	442.7
57.5°	411.9	415.5	412.7	412.7	409.8
60°	379.0	382.6	380.4	378.3	378.3
62.5°	346.0	348.9	348.2	344.6	342.4
65°	313.8	313.8	311.6	303.8	307.3
67.5°	277.3	276.5	273.7	265.8	270.8
70°	241.4	241.4	236.4	227.1	233.6
72.5°	202.7	204.9	198.4	192.0	198.4
75°	166.9	164.8	161.2	155.5	161.9
77.5°	132.5	129.0	124.7	121.8	125.4
80°	96.7	94.6	89.6	89.6	91.7
82.5°	65.9	63.8	60.2	60.9	58.0
85°	36.5	34.4	35.1	35.1	31.5
87.5°	15.0	15.0	15.0	13.6	12.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)