

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: P566723

Luminaire Tested: **4SNX-67SL-LC-UNV-L935-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566723  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2205-663-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4SNX-67SL-LC-UNV-L935-CD  
Description: 4FT 6700 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND LC LENS  
Light Source: -  
Ballast/Driver: -

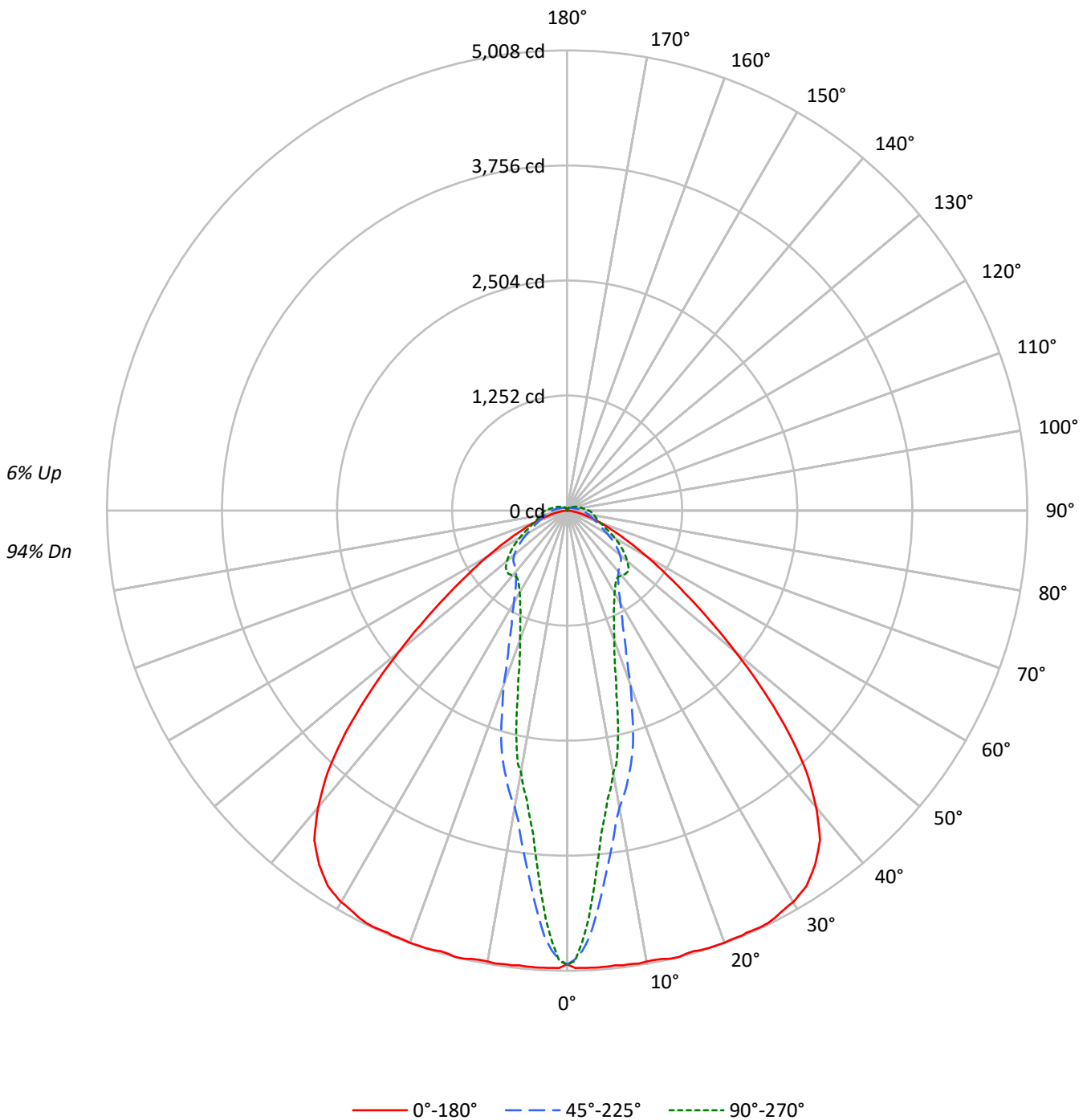
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6088.0 lumens  
Efficiency: N/A  
Efficacy: 127.1 lumens/watt  
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')  
CIE Type: Direct

Input Watts (W): 47.9  
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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	108	103	99	96	105	101	97	94	95	92	90	90	88	86	86	84	82	80
2	99	92	86	80	96	89	84	79	85	80	76	81	77	74	77	74	71	69
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	70	66	62	60
4	85	74	66	60	82	72	65	59	69	63	58	66	61	56	63	59	55	53
5	79	67	59	53	76	66	58	52	63	56	51	60	55	50	58	53	49	47
6	73	61	53	47	71	60	52	47	58	51	46	56	50	45	53	48	44	42
7	69	56	48	43	67	55	48	42	53	46	42	51	45	41	50	44	40	38
8	64	52	44	39	63	51	44	39	49	43	38	48	42	37	46	41	37	35
9	61	48	41	36	59	47	40	35	46	39	35	44	39	34	43	38	34	32
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	40	35	31	30

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

	0°	45°	90°
0°	53162	53162	53162
5°	53642	43664	39084
10°	54062	32963	28286
15°	55048	26944	19586
20°	56468	19497	13833
25°	58231	13968	10883
30°	59717	11160	9268
35°	60071	9439	8301
40°	57269	8580	8321
45°	49696	8290	8549
50°	38127	7885	7978
55°	27631	6895	7078
60°	20047	5754	5985
65°	14589	4865	4906
70°	10748	4298	4230
75°	7637	3980	3943
80°	5004	3727	3883
85°	2351	3552	3888



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	388.4	6.4
10°-20°	843.4	13.9
20°-30°	965.4	15.9
30°-40°	967.2	15.9
40°-50°	915.5	15.0
50°-60°	702.1	11.5
60°-70°	452.6	7.4
70°-80°	288.6	4.7
80°-90°	191.6	3.1
90°-100°	128.8	2.1
100°-110°	84.9	1.4
110°-120°	59.0	1.0
120°-130°	41.2	0.7
130°-140°	28.6	0.5
140°-150°	17.5	0.3
150°-160°	8.9	0.1
160°-170°	3.4	0.1
170°-180°	0.7	0.0
0°-30°	2197.3	36.1
0°-40°	3164.4	52.0
0°-60°	4782.1	78.6
0°-90°	5715.0	93.9
90°-120°	272.8	4.5
90°-150°	360.1	5.9
90°-180°	373.0	6.1
0°-180°	6088.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4939	4939	4939	4939	4939	
5°	4983	4708	4218	3934	3828	476
15°	4995	3597	2742	2253	2072	1417
25°	4998	2546	1451	1260	1201	2304
35°	4705	1416	970	939	927	2919
45°	3401	895	817	905	936	2586
55°	1560	640	630	708	736	1435
65°	624	402	396	452	468	642
75°	212	218	275	315	331	233
85°	28	100	193	253	271	39
90°	0	69	162	225	234	1
95°	0	50	134	184	193	0
105°	0	37	87	125	134	2
115°	3	31	66	90	97	3
125°	3	28	56	66	69	3
135°	3	22	44	53	56	2
145°	3	16	31	41	44	2
155°	3	9	19	28	31	2
165°	6	6	12	16	19	2
175°	6	6	6	6	3	1
180°	6	6	6	6	6	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	4938.9	4938.9	4938.9	4938.9	4938.9
1°	4979.4	4951.4	4885.8	4904.6	4901.4
2°	4979.4	4920.2	4792.2	4754.8	4698.6
3°	4982.6	4867.1	4648.7	4527.0	4449.0
4°	4982.6	4789.1	4436.6	4233.8	4133.9
5°	4982.6	4708.0	4218.2	3934.3	3828.2
6°	4976.3	4611.3	3996.7	3697.1	3538.0
7°	4985.7	4505.2	3797.0	3475.6	3350.8
8°	4982.6	4380.4	3612.9	3307.1	3169.9
9°	4991.9	4258.7	3413.2	3148.0	3045.1
10°	4982.6	4146.4	3282.2	2998.3	2892.2
11°	4982.6	4037.2	3188.6	2901.6	2811.1
12°	4988.8	3912.4	3085.6	2764.3	2639.5
13°	5004.4	3784.5	2967.1	2614.5	2467.9
14°	5007.5	3687.8	2857.9	2424.2	2271.3
15°	4995.0	3597.3	2742.4	2252.6	2071.6
16°	4988.8	3503.7	2605.2	2090.4	1928.1
17°	5001.3	3394.5	2449.2	1925.0	1775.3
18°	5004.4	3294.7	2283.8	1800.2	1669.2
19°	5004.4	3216.7	2149.6	1684.8	1572.5
20°	5004.4	3141.8	2012.4	1597.4	1500.7
21°	4998.2	3048.2	1856.4	1506.9	1425.8
22.5°	5001.3	2873.5	1678.5	1400.9	1335.3
23°	4991.9	2829.8	1634.9	1372.8	1304.1
24°	4995.0	2705.0	1541.3	1316.6	1251.1
25°	4998.2	2545.9	1450.8	1260.5	1201.2
26°	4991.9	2418.0	1375.9	1207.4	1166.9
27°	4976.3	2315.0	1322.9	1163.7	1126.3
28°	4954.5	2177.7	1266.7	1126.3	1092.0
29°	4932.6	2021.7	1210.5	1085.7	1060.8
30°	4920.2	1896.9	1157.5	1054.5	1032.7
32.5°	4845.3	1650.5	1048.3	992.1	973.4
35°	4704.9	1416.5	970.3	939.1	926.6
37.5°	4520.8	1235.5	911.0	904.8	907.9
40°	4218.2	1092.0	867.3	895.4	923.5
42.5°	3856.3	979.7	836.1	904.8	936.0
45°	3400.7	895.4	817.4	904.8	936.0
47.5°	2895.3	826.8	795.6	873.6	904.8
50°	2389.9	764.4	751.9	826.8	854.9
52.5°	1943.7	705.1	695.7	767.5	795.6
55°	1560.0	639.6	630.2	708.2	736.3
57.5°	1251.1	577.2	567.8	639.6	667.7
60°	998.4	514.8	499.2	571.0	599.0
62.5°	795.6	455.5	446.2	508.6	533.5
65°	624.0	402.5	396.2	452.4	468.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	493.0	352.6	355.7	402.5	421.2
70°	380.6	305.8	324.5	368.2	380.6
72.5°	287.0	259.0	299.5	337.0	352.6
75°	212.2	218.4	274.6	315.1	330.7
77.5°	146.6	181.0	252.7	296.4	312.0
80°	99.8	146.6	230.9	280.8	299.5
82.5°	59.3	121.7	212.2	265.2	287.0
85°	28.1	99.8	193.4	252.7	271.4
87.5°	9.4	81.1	174.7	240.2	255.8
90°	0.0	68.6	162.2	224.6	234.0
92.5°	0.0	59.3	146.6	205.9	212.2
95°	0.0	49.9	134.2	184.1	193.4
97.5°	0.0	46.8	124.8	165.4	177.8
100°	0.0	43.7	112.3	149.8	162.2
102.5°	0.0	37.4	99.8	134.2	146.6
105°	0.0	37.4	87.4	124.8	134.2
107.5°	3.1	34.3	81.1	112.3	124.8
110°	3.1	34.3	71.8	106.1	115.4
112.5°	3.1	34.3	68.6	96.7	109.2
115°	3.1	31.2	65.5	90.5	96.7
117.5°	3.1	31.2	62.4	81.1	87.4
120°	3.1	28.1	59.3	74.9	78.0
122.5°	3.1	28.1	56.2	68.6	71.8
125°	3.1	28.1	56.2	65.5	68.6
127.5°	3.1	25.0	53.0	62.4	62.4
130°	3.1	25.0	49.9	59.3	59.3
132.5°	3.1	21.8	46.8	56.2	59.3
135°	3.1	21.8	43.7	53.0	56.2
137.5°	3.1	18.7	40.6	49.9	53.0
140°	3.1	18.7	37.4	46.8	49.9
142.5°	3.1	15.6	34.3	43.7	46.8
145°	3.1	15.6	31.2	40.6	43.7
147.5°	3.1	15.6	28.1	37.4	40.6
150°	3.1	12.5	25.0	34.3	37.4
152.5°	3.1	12.5	21.8	31.2	34.3
155°	3.1	9.4	18.7	28.1	31.2
157.5°	3.1	9.4	18.7	25.0	28.1
160°	6.2	9.4	15.6	21.8	25.0
162.5°	3.1	6.2	15.6	18.7	21.8
165°	6.2	6.2	12.5	15.6	18.7
167.5°	6.2	6.2	9.4	12.5	15.6
170°	6.2	6.2	9.4	9.4	12.5
172.5°	6.2	6.2	6.2	9.4	6.2
175°	6.2	6.2	6.2	6.2	3.1
177.5°	6.2	6.2	6.2	6.2	3.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	6.2	6.2	6.2	6.2	6.2

(END OF REPORT)