

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: P566733

Luminaire Tested: **4SNX-67SL-LN-UNV-L950-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566733  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4SNX-67SL-LN-UNV-L950-CD  
Description: 4FT 6700 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND LN LENS  
Light Source: -  
Ballast/Driver: -

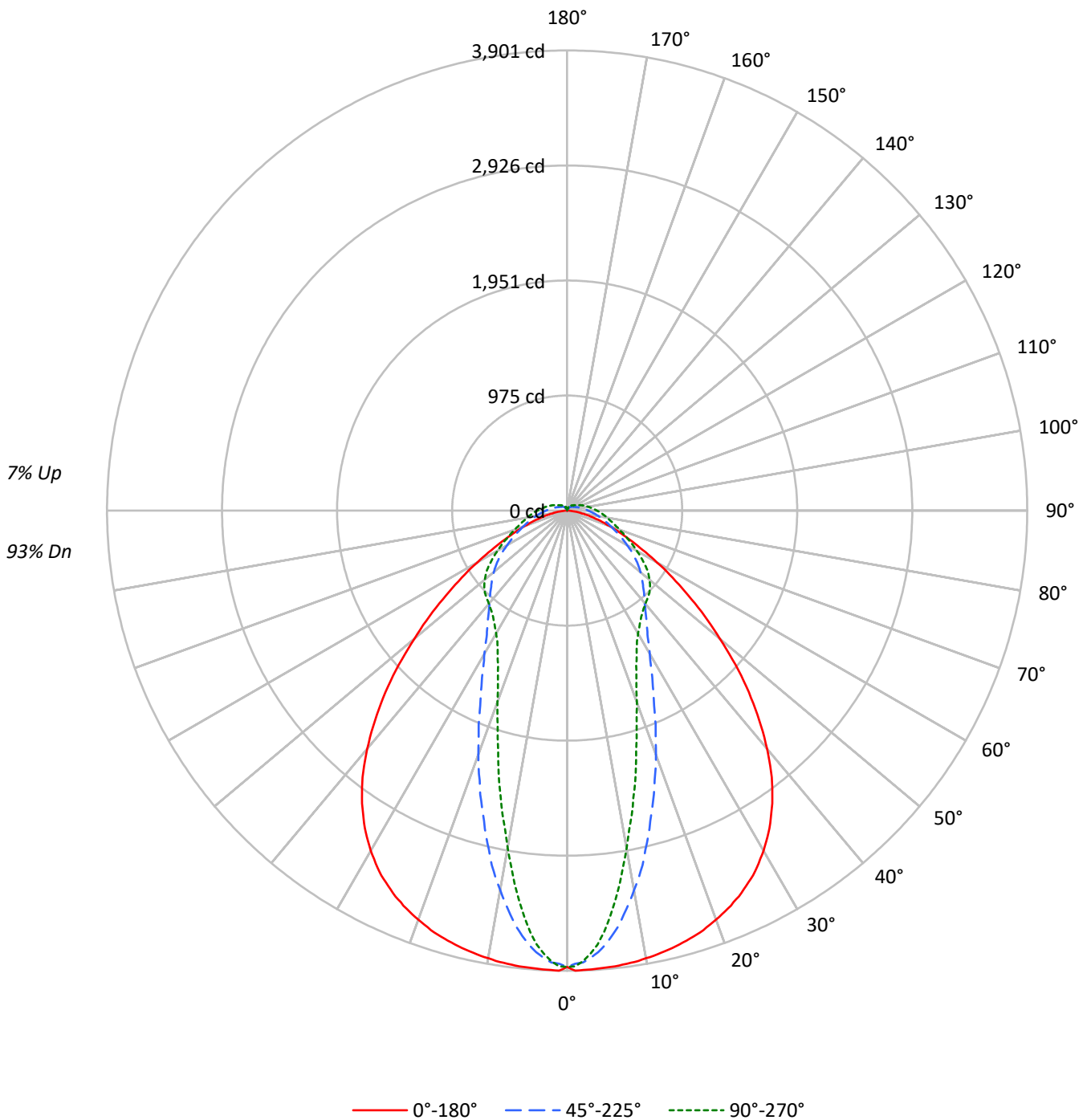
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6167.0 lumens  
Efficiency: N/A  
Efficacy: 128.7 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78  
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

TEST NUMBER: P566733  
CATALOG NUMBER: 4SNX-67SL-LN-UNV-L950-CD

### Luminous Intensity Polar Plot





TEST NUMBER: P566733

CATALOG NUMBER: 4SNX-67SL-LN-UNV-L950-CD

**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	0	
RCR																						
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93				
1	107	103	99	95	104	100	96	93	94	91	88	89	87	85	85	83	81	78				
2	99	91	84	79	95	88	82	77	84	79	75	79	75	72	76	72	69	67				
3	91	81	73	67	88	79	72	66	75	69	64	71	66	62	68	64	60	58				
4	84	73	64	58	81	71	63	57	67	61	56	64	59	54	62	57	53	51				
5	78	66	57	51	75	64	56	51	61	55	49	59	53	48	56	51	47	45				
6	72	60	51	45	70	59	51	45	56	49	44	54	48	43	52	46	42	40				
7	67	55	47	41	65	54	46	41	52	45	40	50	44	39	48	42	38	36				
8	63	51	43	37	61	50	42	37	48	41	36	46	40	36	44	39	35	33				
9	59	47	39	34	58	46	39	34	44	38	33	43	37	33	41	36	32	30				
10	56	44	36	31	54	43	36	31	41	35	31	40	34	30	39	34	30	28				

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

	0°	45°	90°
0°	41642	41642	41642
5°	41858	38273	36628
10°	41802	32816	28418
15°	41781	26769	21299
20°	41648	21324	15939
25°	41269	16710	12650
30°	40404	13524	10790
35°	38707	11445	9816
40°	35806	10104	9290
45°	31834	9244	9004
50°	26968	8506	8505
55°	22155	7709	7768
60°	17715	6780	6814
65°	13752	5953	5929
70°	10677	5265	5245
75°	8260	4731	4779
80°	5836	4330	4442
85°	3246	4037	4259



TEST NUMBER: P566733

CATALOG NUMBER: 4SNX-67SL-LN-UNV-L950-CD

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	342.6	5.6
10°-20°	803.1	13.0
20°-30°	953.3	15.5
30°-40°	959.1	15.6
40°-50°	891.5	14.5
50°-60°	734.1	11.9
60°-70°	517.3	8.4
70°-80°	338.0	5.5
80°-90°	215.8	3.5
90°-100°	141.5	2.3
100°-110°	96.1	1.6
110°-120°	65.8	1.1
120°-130°	45.5	0.7
130°-140°	30.6	0.5
140°-150°	18.9	0.3
150°-160°	9.8	0.2
160°-170°	3.5	0.1
170°-180°	0.6	0.0
0°-30°	2098.9	34.0
0°-40°	3058.0	49.6
0°-60°	4683.6	75.9
0°-90°	5754.6	93.3
90°-120°	303.4	4.9
90°-150°	398.5	6.5
90°-180°	412.0	6.7
0°-180°	6167.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3869	3869	3869	3869	3869	
5°	3888	3836	3697	3626	3588	370
15°	3791	3387	2725	2382	2253	1071
25°	3542	2618	1736	1458	1396	1630
35°	3032	1771	1176	1102	1096	1885
45°	2178	1167	911	960	986	1672
55°	1251	766	705	782	808	1130
65°	588	462	485	546	566	597
75°	230	239	326	385	401	248
85°	39	110	220	284	297	49
90°	0	74	178	242	252	2
95°	0	55	149	204	213	0
105°	0	39	100	142	155	0
115°	3	32	71	103	110	3
125°	3	26	58	74	81	3
135°	3	23	45	58	61	2
145°	3	16	32	45	48	2
155°	3	13	23	32	36	1
165°	3	6	13	16	19	1
175°	6	6	6	6	3	0
180°	3	3	3	3	3	



TEST NUMBER: P566733

CATALOG NUMBER: 4SNX-67SL-LN-UNV-L950-CD

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3868.7	3868.7	3868.7	3868.7	3868.7
1°	3901.1	3884.9	3842.9	3872.0	3865.5
2°	3897.8	3881.7	3833.2	3846.1	3823.5
3°	3894.6	3872.0	3797.6	3794.4	3762.1
4°	3891.4	3855.8	3752.4	3713.6	3687.7
5°	3888.1	3836.4	3697.4	3626.3	3587.6
6°	3884.9	3813.8	3626.3	3519.7	3464.7
7°	3878.4	3778.2	3552.0	3406.6	3335.5
8°	3872.0	3745.9	3458.3	3283.7	3196.5
9°	3865.5	3703.9	3364.5	3151.2	3047.8
10°	3852.6	3661.9	3267.6	3015.5	2905.6
11°	3846.1	3613.4	3173.9	2886.2	2756.9
12°	3833.2	3561.7	3073.7	2750.5	2637.3
13°	3820.3	3506.8	2950.8	2634.1	2498.4
14°	3807.3	3448.6	2844.2	2504.8	2378.8
15°	3791.2	3387.2	2724.6	2382.0	2252.7
16°	3775.0	3316.1	2617.9	2256.0	2120.2
17°	3758.9	3248.2	2517.8	2139.6	2016.8
18°	3739.5	3180.3	2401.4	2026.5	1906.9
19°	3713.6	3102.8	2307.7	1923.1	1813.2
20°	3691.0	3031.6	2201.0	1826.1	1729.1
21°	3665.1	2944.4	2094.4	1735.6	1638.6
22.5°	3626.3	2821.6	1958.6	1622.5	1532.0
23°	3606.9	2786.0	1903.7	1580.5	1502.9
24°	3581.1	2692.3	1813.2	1515.8	1438.3
25°	3542.3	2617.9	1735.6	1457.6	1396.2
26°	3506.8	2527.4	1658.0	1405.9	1344.5
27°	3471.2	2440.2	1590.2	1351.0	1299.3
28°	3426.0	2349.7	1515.8	1305.7	1260.5
29°	3377.5	2265.7	1454.4	1267.0	1231.4
30°	3329.0	2171.9	1402.7	1231.4	1202.3
32.5°	3193.2	1965.1	1270.2	1163.5	1144.1
35°	3031.6	1771.2	1176.5	1102.1	1095.7
37.5°	2850.7	1593.4	1092.4	1053.6	1060.1
40°	2637.3	1431.8	1021.3	1018.1	1031.0
42.5°	2411.1	1292.8	966.4	989.0	1008.4
45°	2178.4	1166.8	911.4	959.9	985.8
47.5°	1936.0	1056.9	863.0	924.4	953.4
50°	1690.4	950.2	811.2	882.3	911.4
52.5°	1470.6	856.5	759.5	833.9	866.2
55°	1250.8	766.0	704.6	782.2	808.0
57.5°	1060.1	682.0	646.4	724.0	743.4
60°	882.3	601.2	588.2	659.3	682.0
62.5°	720.7	530.1	533.3	601.2	623.8
65°	588.2	462.2	484.8	546.2	565.6



TEST NUMBER: P566733

CATALOG NUMBER: 4SNX-67SL-LN-UNV-L950-CD

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	478.3	397.5	436.3	501.0	517.1
70°	378.1	339.4	397.5	455.7	471.9
72.5°	300.6	287.7	358.8	420.2	433.1
75°	229.5	239.2	326.4	384.6	400.8
77.5°	164.8	200.4	294.1	355.5	368.5
80°	116.4	164.8	268.3	329.7	342.6
82.5°	74.3	135.7	242.4	307.0	320.0
85°	38.8	109.9	219.8	284.4	297.3
87.5°	16.2	90.5	197.2	261.8	274.7
90°	0.0	74.3	177.8	242.4	252.1
92.5°	0.0	64.6	161.6	223.0	232.7
95°	0.0	54.9	148.7	203.6	213.3
97.5°	0.0	51.7	132.5	187.5	197.2
100°	0.0	45.2	119.6	171.3	184.2
102.5°	0.0	42.0	109.9	155.1	168.1
105°	0.0	38.8	100.2	142.2	155.1
107.5°	0.0	35.6	93.7	132.5	142.2
110°	0.0	35.6	84.0	122.8	132.5
112.5°	3.2	32.3	77.6	109.9	119.6
115°	3.2	32.3	71.1	103.4	109.9
117.5°	3.2	32.3	67.9	93.7	100.2
120°	3.2	29.1	64.6	87.3	93.7
122.5°	3.2	29.1	61.4	80.8	84.0
125°	3.2	25.9	58.2	74.3	80.8
127.5°	3.2	25.9	54.9	71.1	74.3
130°	3.2	25.9	51.7	64.6	71.1
132.5°	3.2	22.6	48.5	61.4	64.6
135°	3.2	22.6	45.2	58.2	61.4
137.5°	3.2	19.4	42.0	54.9	58.2
140°	3.2	19.4	38.8	51.7	54.9
142.5°	3.2	16.2	35.6	48.5	51.7
145°	3.2	16.2	32.3	45.2	48.5
147.5°	3.2	16.2	29.1	42.0	45.2
150°	3.2	12.9	25.9	38.8	42.0
152.5°	3.2	12.9	22.6	35.6	38.8
155°	3.2	12.9	22.6	32.3	35.6
157.5°	3.2	9.7	19.4	25.9	32.3
160°	3.2	9.7	16.2	22.6	29.1
162.5°	3.2	9.7	16.2	19.4	22.6
165°	3.2	6.5	12.9	16.2	19.4
167.5°	3.2	6.5	9.7	12.9	16.2
170°	3.2	6.5	9.7	9.7	12.9
172.5°	3.2	6.5	6.5	6.5	6.5
175°	6.5	6.5	6.5	6.5	3.2
177.5°	6.5	6.5	6.5	3.2	3.2



TEST NUMBER: P566733

CATALOG NUMBER: 4SNX-67SL-LN-UNV-L950-CD

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	3.2	3.2	3.2	3.2	3.2

(END OF REPORT)