

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: P566731

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566731
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-L935-CD
Description: 4FT 6700 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND LN LENS
Light Source: -
Ballast/Driver: -

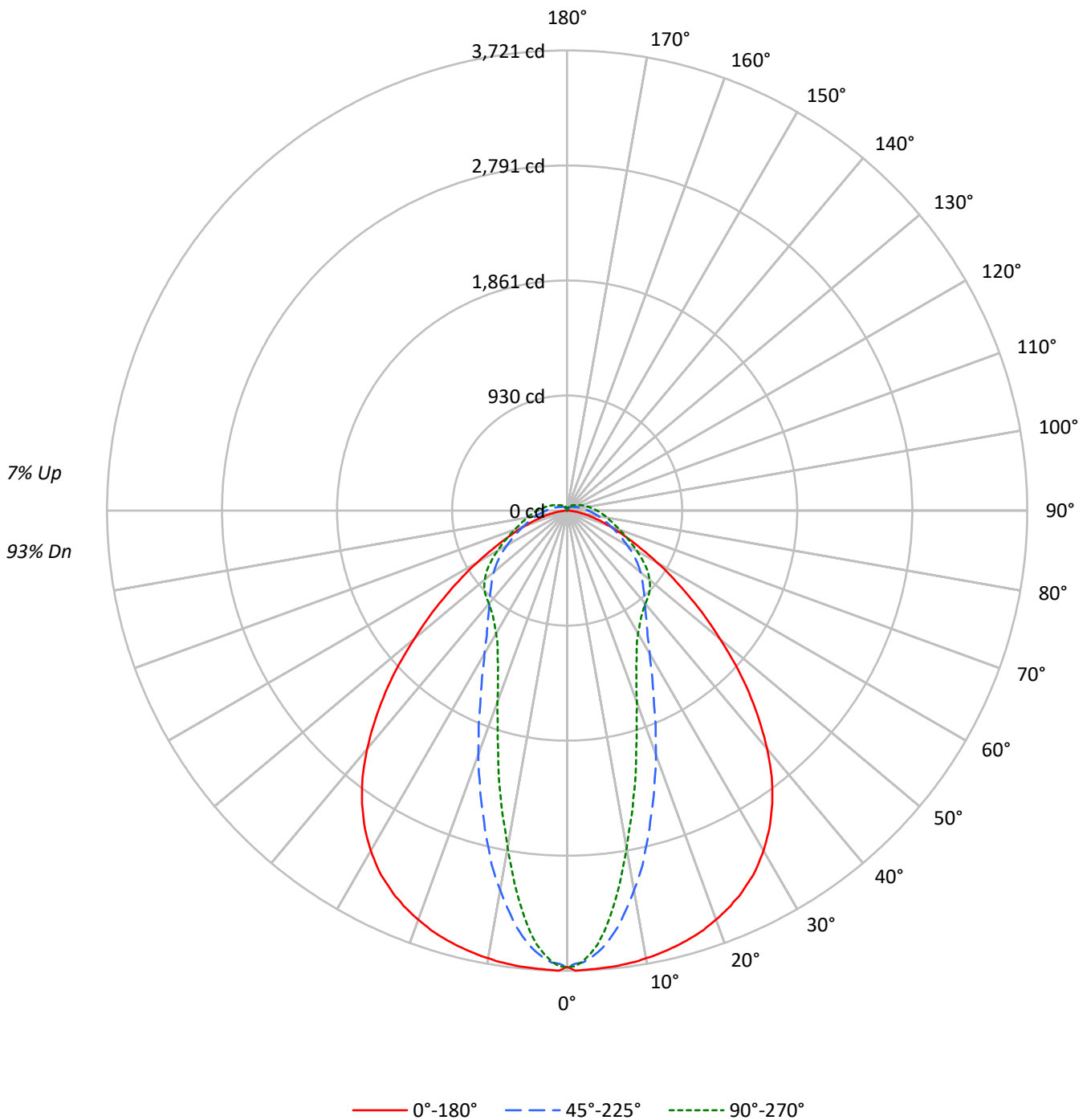
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5882.0 lumens
Efficiency: N/A
Efficacy: 122.8 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

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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	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°	39719	39719	39719
5°	39925	36505	34935
10°	39869	31300	27104
15°	39850	25532	20314
20°	39723	20339	15202
25°	39362	15938	12065
30°	38537	12899	10292
35°	36918	10916	9362
40°	34152	9637	8861
45°	30363	8817	8587
50°	25720	8113	8112
55°	21131	7352	7409
60°	16898	6467	6498
65°	13116	5678	5655
70°	10186	5022	5002
75°	7879	4512	4558
80°	5565	4130	4237
85°	3095	3849	4063



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	326.8	5.6
10°-20°	765.9	13.0
20°-30°	909.2	15.5
30°-40°	914.8	15.6
40°-50°	850.3	14.5
50°-60°	700.2	11.9
60°-70°	493.4	8.4
70°-80°	322.3	5.5
80°-90°	205.8	3.5
90°-100°	135.0	2.3
100°-110°	91.6	1.6
110°-120°	62.8	1.1
120°-130°	43.5	0.7
130°-140°	29.2	0.5
140°-150°	18.0	0.3
150°-160°	9.3	0.2
160°-170°	3.4	0.1
170°-180°	0.6	0.0
0°-30°	2001.9	34.0
0°-40°	2916.7	49.6
0°-60°	4467.1	75.9
0°-90°	5488.6	93.3
90°-120°	289.4	4.9
90°-150°	380.1	6.5
90°-180°	393.0	6.7
0°-180°	5882.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3690	3690	3690	3690	3690	
5°	3708	3659	3527	3459	3422	353
15°	3616	3231	2599	2272	2149	1021
25°	3379	2497	1655	1390	1332	1555
35°	2892	1689	1122	1051	1045	1798
45°	2078	1113	869	916	940	1595
55°	1193	731	672	746	771	1077
65°	561	441	462	521	540	569
75°	219	228	311	367	382	237
85°	37	105	210	271	284	47
90°	0	71	170	231	240	2
95°	0	52	142	194	204	0
105°	0	37	96	136	148	0
115°	3	31	68	99	105	3
125°	3	25	56	71	77	3
135°	3	22	43	56	59	2
145°	3	15	31	43	46	2
155°	3	12	22	31	34	1
165°	3	6	12	15	18	1
175°	6	6	6	6	3	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3690.0	3690.0	3690.0	3690.0	3690.0
1°	3720.8	3705.4	3665.3	3693.0	3686.9
2°	3717.7	3702.3	3656.0	3668.4	3646.8
3°	3714.6	3693.0	3622.1	3619.1	3588.2
4°	3711.5	3677.6	3579.0	3542.0	3517.3
5°	3708.5	3659.1	3526.6	3458.8	3421.8
6°	3705.4	3637.5	3458.8	3357.0	3304.6
7°	3699.2	3603.6	3387.9	3249.1	3181.3
8°	3693.0	3572.8	3298.5	3132.0	3048.8
9°	3686.9	3532.7	3209.1	3005.6	2907.0
10°	3674.5	3492.7	3116.6	2876.1	2771.3
11°	3668.4	3446.4	3027.2	2752.8	2629.5
12°	3656.0	3397.1	2931.6	2623.4	2515.5
13°	3643.7	3344.7	2814.5	2512.4	2382.9
14°	3631.4	3289.2	2712.7	2389.1	2268.8
15°	3616.0	3230.6	2598.7	2271.9	2148.6
16°	3600.6	3162.8	2497.0	2151.7	2022.2
17°	3585.1	3098.1	2401.4	2040.7	1923.6
18°	3566.6	3033.3	2290.4	1932.8	1818.8
19°	3542.0	2959.4	2201.0	1834.2	1729.4
20°	3520.4	2891.5	2099.3	1741.7	1649.2
21°	3495.7	2808.3	1997.6	1655.4	1562.9
22.5°	3458.8	2691.2	1868.1	1547.5	1461.2
23°	3440.3	2657.3	1815.7	1507.4	1433.4
24°	3415.6	2567.9	1729.4	1445.8	1371.8
25°	3378.6	2497.0	1655.4	1390.3	1331.7
26°	3344.7	2410.6	1581.4	1341.0	1282.4
27°	3310.8	2327.4	1516.7	1288.6	1239.2
28°	3267.6	2241.1	1445.8	1245.4	1202.2
29°	3221.4	2161.0	1387.2	1208.4	1174.5
30°	3175.1	2071.6	1337.9	1174.5	1146.8
32.5°	3045.7	1874.3	1211.5	1109.8	1091.3
35°	2891.5	1689.3	1122.1	1051.2	1045.0
37.5°	2718.9	1519.8	1041.9	1005.0	1011.1
40°	2515.5	1365.6	974.1	971.0	983.4
42.5°	2299.7	1233.1	921.7	943.3	961.8
45°	2077.7	1112.8	869.3	915.6	940.2
47.5°	1846.5	1008.0	823.1	881.6	909.4
50°	1612.2	906.3	773.7	841.6	869.3
52.5°	1402.6	816.9	724.4	795.3	826.2
55°	1193.0	730.6	672.0	746.0	770.7
57.5°	1011.1	650.4	616.5	690.5	709.0
60°	841.6	573.4	561.0	628.9	650.4
62.5°	687.4	505.6	508.6	573.4	595.0
65°	561.0	440.8	462.4	521.0	539.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	456.2	379.2	416.2	477.8	493.2
70°	360.7	323.7	379.2	434.7	450.1
72.5°	286.7	274.4	342.2	400.7	413.1
75°	218.9	228.1	311.3	366.8	382.3
77.5°	157.2	191.1	280.5	339.1	351.4
80°	111.0	157.2	255.9	314.4	326.8
82.5°	70.9	129.5	231.2	292.9	305.2
85°	37.0	104.8	209.6	271.3	283.6
87.5°	15.4	86.3	188.0	249.7	262.0
90°	0.0	70.9	169.5	231.2	240.4
92.5°	0.0	61.7	154.1	212.7	222.0
95°	0.0	52.4	141.8	194.2	203.5
97.5°	0.0	49.3	126.4	178.8	188.0
100°	0.0	43.2	114.1	163.4	175.7
102.5°	0.0	40.1	104.8	148.0	160.3
105°	0.0	37.0	95.6	135.6	148.0
107.5°	0.0	33.9	89.4	126.4	135.6
110°	0.0	33.9	80.1	117.1	126.4
112.5°	3.1	30.8	74.0	104.8	114.1
115°	3.1	30.8	67.8	98.6	104.8
117.5°	3.1	30.8	64.7	89.4	95.6
120°	3.1	27.7	61.7	83.2	89.4
122.5°	3.1	27.7	58.6	77.1	80.1
125°	3.1	24.7	55.5	70.9	77.1
127.5°	3.1	24.7	52.4	67.8	70.9
130°	3.1	24.7	49.3	61.7	67.8
132.5°	3.1	21.6	46.2	58.6	61.7
135°	3.1	21.6	43.2	55.5	58.6
137.5°	3.1	18.5	40.1	52.4	55.5
140°	3.1	18.5	37.0	49.3	52.4
142.5°	3.1	15.4	33.9	46.2	49.3
145°	3.1	15.4	30.8	43.2	46.2
147.5°	3.1	15.4	27.7	40.1	43.2
150°	3.1	12.3	24.7	37.0	40.1
152.5°	3.1	12.3	21.6	33.9	37.0
155°	3.1	12.3	21.6	30.8	33.9
157.5°	3.1	9.2	18.5	24.7	30.8
160°	3.1	9.2	15.4	21.6	27.7
162.5°	3.1	9.2	15.4	18.5	21.6
165°	3.1	6.2	12.3	15.4	18.5
167.5°	3.1	6.2	9.2	12.3	15.4
170°	3.1	6.2	9.2	9.2	12.3
172.5°	3.1	6.2	6.2	6.2	6.2
175°	6.2	6.2	6.2	6.2	3.1
177.5°	6.2	6.2	6.2	3.1	3.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.1	3.1	3.1	3.1	3.1

(END OF REPORT)