

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: P566730

Luminaire Tested: **4SNX-67SL-LN-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566730
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-L930-CD
Description: 4FT 6700 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LN LENS
Light Source: -
Ballast/Driver: -

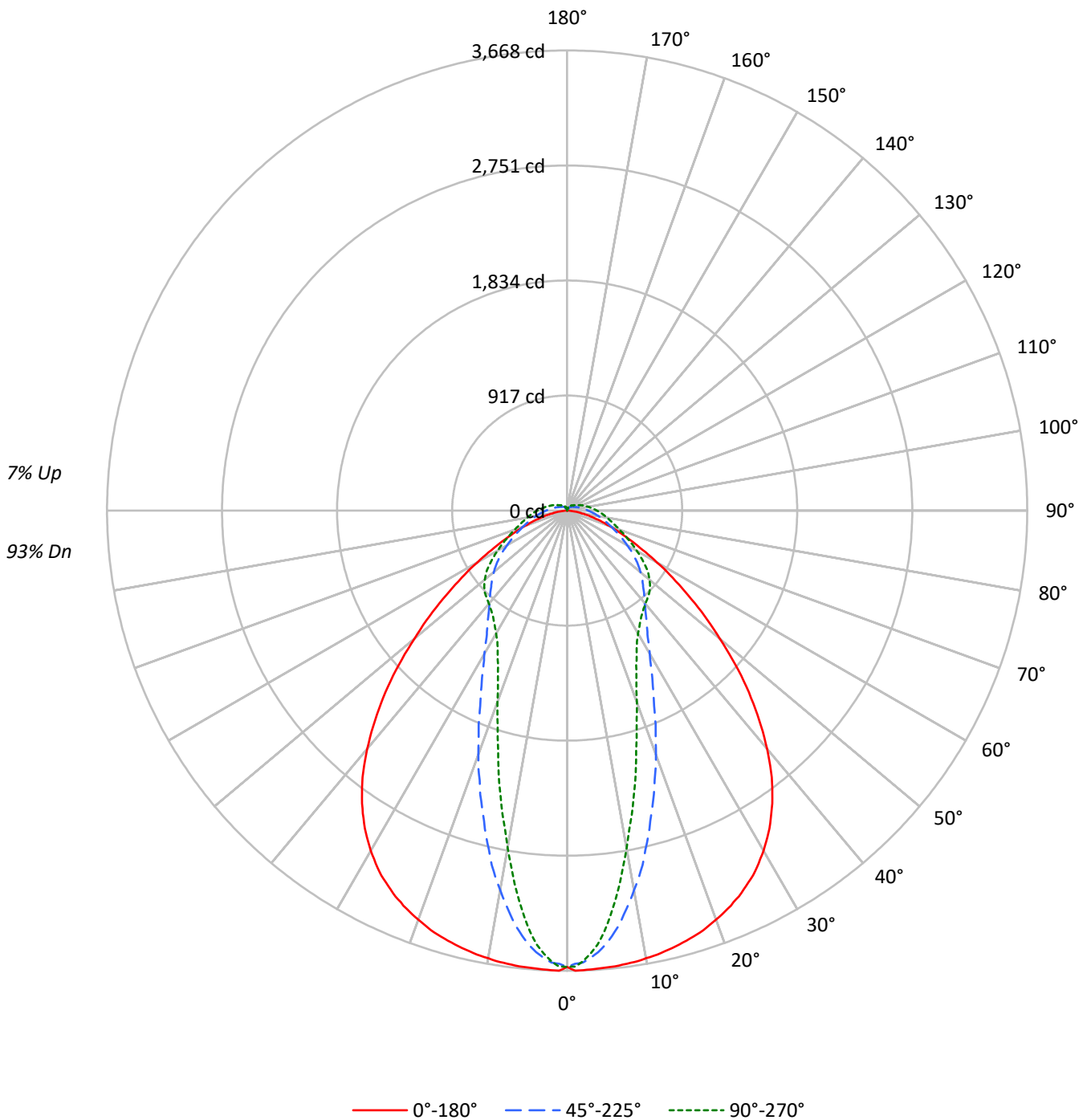
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5799.0 lumens
Efficiency: N/A
Efficacy: 121.1 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 (A_{in}): 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	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°	39158	39158	39158
5°	39361	35990	34442
10°	39307	30858	26722
15°	39287	25172	20028
20°	39162	20052	14988
25°	38806	15713	11895
30°	37993	12717	10147
35°	36397	10763	9230
40°	33670	9502	8736
45°	29934	8692	8466
50°	25358	7999	7997
55°	20833	7248	7304
60°	16659	6376	6407
65°	12932	5598	5576
70°	10042	4951	4931
75°	7767	4450	4494
80°	5485	4072	4177
85°	3054	3796	4006



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	322.2	5.6
10°-20°	755.1	13.0
20°-30°	896.4	15.5
30°-40°	901.8	15.6
40°-50°	838.3	14.5
50°-60°	690.3	11.9
60°-70°	486.4	8.4
70°-80°	317.8	5.5
80°-90°	202.9	3.5
90°-100°	133.1	2.3
100°-110°	90.3	1.6
110°-120°	61.9	1.1
120°-130°	42.8	0.7
130°-140°	28.8	0.5
140°-150°	17.8	0.3
150°-160°	9.2	0.2
160°-170°	3.3	0.1
170°-180°	0.6	0.0
0°-30°	1973.7	34.0
0°-40°	2875.5	49.6
0°-60°	4404.1	75.9
0°-90°	5411.2	93.3
90°-120°	285.3	4.9
90°-150°	374.7	6.5
90°-180°	388.0	6.7
0°-180°	5799.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3638	3638	3638	3638	3638	
5°	3656	3608	3477	3410	3374	348
15°	3565	3185	2562	2240	2118	1007
25°	3331	2462	1632	1371	1313	1533
35°	2851	1666	1106	1036	1030	1773
45°	2048	1097	857	903	927	1573
55°	1176	720	662	736	760	1062
65°	553	435	456	514	532	561
75°	216	225	307	362	377	233
85°	36	103	207	267	280	46
90°	0	70	167	228	237	2
95°	0	52	140	192	201	0
105°	0	36	94	134	146	0
115°	3	30	67	97	103	3
125°	3	24	55	70	76	3
135°	3	21	42	55	58	2
145°	3	15	30	42	46	2
155°	3	12	21	30	33	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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CATALOG NUMBER: 4SNX-67SL-LN-UNV-L930-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3637.9	3637.9	3637.9	3637.9	3637.9
1°	3668.3	3653.1	3613.6	3640.9	3634.8
2°	3665.2	3650.0	3604.5	3616.6	3595.3
3°	3662.2	3640.9	3571.0	3568.0	3537.6
4°	3659.2	3625.7	3528.5	3492.0	3467.7
5°	3656.1	3607.5	3476.8	3409.9	3373.5
6°	3653.1	3586.2	3409.9	3309.7	3258.0
7°	3647.0	3552.8	3340.0	3203.3	3136.4
8°	3640.9	3522.4	3251.9	3087.8	3005.7
9°	3634.8	3482.9	3163.8	2963.2	2865.9
10°	3622.7	3443.4	3072.6	2835.5	2732.2
11°	3616.6	3397.8	2984.5	2714.0	2592.4
12°	3604.5	3349.2	2890.3	2586.3	2480.0
13°	3592.3	3297.5	2774.8	2476.9	2349.3
14°	3580.1	3242.8	2674.5	2355.4	2236.8
15°	3564.9	3185.1	2562.0	2239.9	2118.3
16°	3549.8	3118.2	2461.7	2121.3	1993.7
17°	3534.6	3054.4	2367.5	2011.9	1896.4
18°	3516.3	2990.5	2258.1	1905.6	1793.1
19°	3492.0	2917.6	2170.0	1808.3	1705.0
20°	3470.7	2850.7	2069.7	1717.1	1626.0
21°	3446.4	2768.7	1969.4	1632.0	1540.9
22.5°	3409.9	2653.2	1841.7	1525.7	1440.6
23°	3391.7	2619.8	1790.1	1486.2	1413.2
24°	3367.4	2531.6	1705.0	1425.4	1352.4
25°	3330.9	2461.7	1632.0	1370.7	1312.9
26°	3297.5	2376.6	1559.1	1322.0	1264.3
27°	3264.1	2294.6	1495.3	1270.4	1221.7
28°	3221.5	2209.5	1425.4	1227.8	1185.3
29°	3175.9	2130.5	1367.6	1191.4	1157.9
30°	3130.3	2042.3	1319.0	1157.9	1130.6
32.5°	3002.7	1847.8	1194.4	1094.1	1075.9
35°	2850.7	1665.5	1106.3	1036.4	1030.3
37.5°	2680.5	1498.3	1027.2	990.8	996.8
40°	2480.0	1346.4	960.4	957.3	969.5
42.5°	2267.2	1215.7	908.7	930.0	948.2
45°	2048.4	1097.1	857.0	902.6	926.9
47.5°	1820.5	993.8	811.5	869.2	896.6
50°	1589.5	893.5	762.8	829.7	857.0
52.5°	1382.8	805.4	714.2	784.1	814.5
55°	1176.2	720.3	662.5	735.5	759.8
57.5°	996.8	641.3	607.8	680.8	699.0
60°	829.7	565.3	553.1	620.0	641.3
62.5°	677.7	498.4	501.5	565.3	586.6
65°	553.1	434.6	455.9	513.6	531.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	449.8	373.8	410.3	471.1	486.3
70°	355.6	319.1	373.8	428.5	443.7
72.5°	282.6	270.5	337.3	395.1	407.2
75°	215.8	224.9	307.0	361.7	376.9
77.5°	155.0	188.4	276.6	334.3	346.5
80°	109.4	155.0	252.3	310.0	322.2
82.5°	69.9	127.6	227.9	288.7	300.9
85°	36.5	103.3	206.7	267.4	279.6
87.5°	15.2	85.1	185.4	246.2	258.3
90°	0.0	69.9	167.2	227.9	237.1
92.5°	0.0	60.8	152.0	209.7	218.8
95°	0.0	51.7	139.8	191.5	200.6
97.5°	0.0	48.6	124.6	176.3	185.4
100°	0.0	42.5	112.4	161.1	173.2
102.5°	0.0	39.5	103.3	145.9	158.0
105°	0.0	36.5	94.2	133.7	145.9
107.5°	0.0	33.4	88.1	124.6	133.7
110°	0.0	33.4	79.0	115.5	124.6
112.5°	3.0	30.4	72.9	103.3	112.4
115°	3.0	30.4	66.9	97.3	103.3
117.5°	3.0	30.4	63.8	88.1	94.2
120°	3.0	27.4	60.8	82.1	88.1
122.5°	3.0	27.4	57.7	76.0	79.0
125°	3.0	24.3	54.7	69.9	76.0
127.5°	3.0	24.3	51.7	66.9	69.9
130°	3.0	24.3	48.6	60.8	66.9
132.5°	3.0	21.3	45.6	57.7	60.8
135°	3.0	21.3	42.5	54.7	57.7
137.5°	3.0	18.2	39.5	51.7	54.7
140°	3.0	18.2	36.5	48.6	51.7
142.5°	3.0	15.2	33.4	45.6	48.6
145°	3.0	15.2	30.4	42.5	45.6
147.5°	3.0	15.2	27.4	39.5	42.5
150°	3.0	12.2	24.3	36.5	39.5
152.5°	3.0	12.2	21.3	33.4	36.5
155°	3.0	12.2	21.3	30.4	33.4
157.5°	3.0	9.1	18.2	24.3	30.4
160°	3.0	9.1	15.2	21.3	27.4
162.5°	3.0	9.1	15.2	18.2	21.3
165°	3.0	6.1	12.2	15.2	18.2
167.5°	3.0	6.1	9.1	12.2	15.2
170°	3.0	6.1	9.1	9.1	12.2
172.5°	3.0	6.1	6.1	6.1	6.1
175°	6.1	6.1	6.1	6.1	3.0
177.5°	6.1	6.1	6.1	3.0	3.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.0	3.0	3.0	3.0	3.0

(END OF REPORT)