

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: P566725

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566725
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-L950-CD
Description: 4FT 6700 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

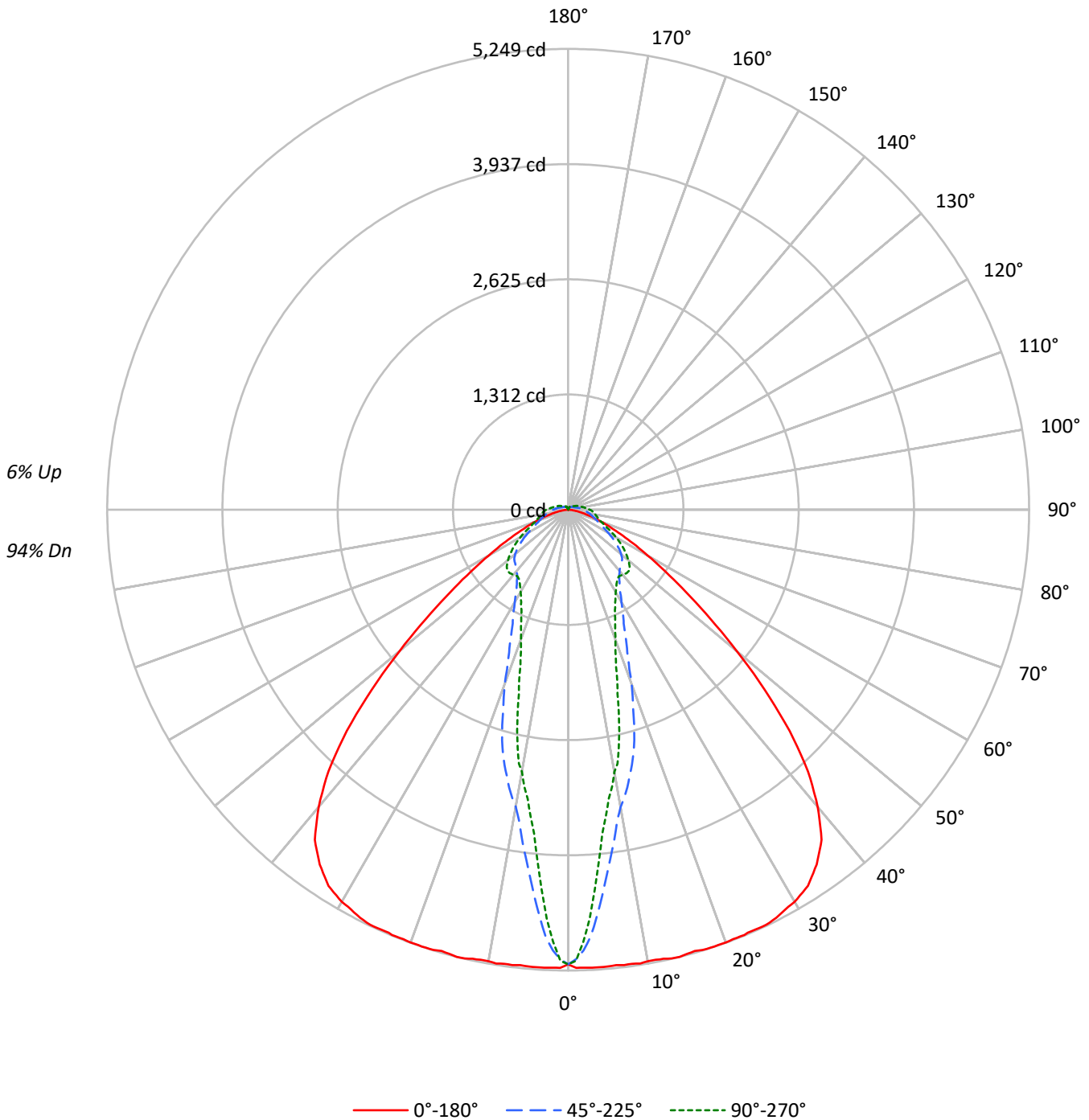
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6382.0 lumens
Efficiency: N/A
Efficacy: 133.2 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	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°	55729	55729	55729
5°	56232	45773	40971
10°	56673	34555	29653
15°	57707	28246	20533
20°	59195	20438	14502
25°	61042	14642	11408
30°	62601	11698	9716
35°	62972	9896	8702
40°	60034	8995	8723
45°	52097	8691	8962
50°	39968	8265	8362
55°	28965	7228	7421
60°	21014	6032	6274
65°	15293	5101	5143
70°	11267	4505	4435
75°	8005	4171	4134
80°	5250	3906	4071
85°	2460	3724	4076



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	407.2	6.4
10°-20°	884.2	13.9
20°-30°	1012.1	15.9
30°-40°	1013.9	15.9
40°-50°	959.8	15.0
50°-60°	736.1	11.5
60°-70°	474.4	7.4
70°-80°	302.5	4.7
80°-90°	200.9	3.1
90°-100°	135.0	2.1
100°-110°	89.0	1.4
110°-120°	61.9	1.0
120°-130°	43.2	0.7
130°-140°	30.0	0.5
140°-150°	18.4	0.3
150°-160°	9.3	0.1
160°-170°	3.6	0.1
170°-180°	0.7	0.0
0°-30°	2303.4	36.1
0°-40°	3317.3	52.0
0°-60°	5013.1	78.6
0°-90°	5991.0	93.9
90°-120°	285.9	4.5
90°-150°	377.4	5.9
90°-180°	391.0	6.1
0°-180°	6382.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5177	5177	5177	5177	5177	
5°	5223	4935	4422	4124	4013	499
15°	5236	3771	2875	2361	2172	1485
25°	5240	2669	1521	1321	1259	2415
35°	4932	1485	1017	984	971	3060
45°	3565	939	857	948	981	2710
55°	1635	670	661	742	772	1504
65°	654	422	415	474	491	673
75°	222	229	288	330	347	245
85°	29	105	203	265	284	40
90°	0	72	170	236	245	1
95°	0	52	141	193	203	0
105°	0	39	92	131	141	2
115°	3	33	69	95	101	3
125°	3	29	59	69	72	3
135°	3	23	46	56	59	3
145°	3	16	33	42	46	2
155°	3	10	20	29	33	2
165°	6	6	13	16	20	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°	5177.4	5177.4	5177.4	5177.4	5177.4
1°	5219.9	5190.5	5121.8	5141.4	5138.1
2°	5219.9	5157.8	5023.7	4984.4	4925.6
3°	5223.2	5102.2	4873.2	4745.7	4663.9
4°	5223.2	5020.4	4650.8	4438.2	4333.6
5°	5223.2	4935.4	4421.9	4124.2	4013.0
6°	5216.6	4834.0	4189.7	3875.7	3708.9
7°	5226.4	4722.8	3980.3	3643.5	3512.6
8°	5223.2	4591.9	3787.4	3466.9	3322.9
9°	5233.0	4464.4	3578.1	3300.1	3192.1
10°	5223.2	4346.7	3440.7	3143.1	3031.9
11°	5223.2	4232.2	3342.6	3041.7	2946.8
12°	5229.7	4101.4	3234.6	2897.8	2766.9
13°	5246.1	3967.3	3110.4	2740.8	2587.1
14°	5249.3	3865.9	2995.9	2541.3	2381.0
15°	5236.3	3771.0	2874.9	2361.4	2171.7
16°	5229.7	3672.9	2731.0	2191.3	2021.2
17°	5242.8	3558.4	2567.4	2018.0	1861.0
18°	5246.1	3453.8	2394.1	1887.1	1749.8
19°	5246.1	3372.0	2253.5	1766.1	1648.4
20°	5246.1	3293.5	2109.5	1674.6	1573.2
21°	5239.5	3195.4	1946.0	1579.7	1494.7
22.5°	5242.8	3012.2	1759.6	1468.5	1399.8
23°	5233.0	2966.5	1713.8	1439.1	1367.1
24°	5236.3	2835.6	1615.7	1380.2	1311.5
25°	5239.5	2668.8	1520.8	1321.3	1259.2
26°	5233.0	2534.7	1442.3	1265.7	1223.2
27°	5216.6	2426.8	1386.7	1219.9	1180.7
28°	5193.7	2282.9	1327.9	1180.7	1144.7
29°	5170.8	2119.4	1269.0	1138.2	1112.0
30°	5157.8	1988.5	1213.4	1105.5	1082.6
32.5°	5079.3	1730.2	1098.9	1040.1	1020.4
35°	4932.1	1484.9	1017.2	984.5	971.4
37.5°	4739.1	1295.2	955.0	948.5	951.7
40°	4421.9	1144.7	909.2	938.7	968.1
42.5°	4042.5	1027.0	876.5	948.5	981.2
45°	3565.0	938.7	856.9	948.5	981.2
47.5°	3035.1	866.7	834.0	915.8	948.5
50°	2505.3	801.3	788.2	866.7	896.1
52.5°	2037.6	739.2	729.3	804.6	834.0
55°	1635.3	670.5	660.7	742.4	771.9
57.5°	1311.5	605.1	595.3	670.5	699.9
60°	1046.6	539.7	523.3	598.5	628.0
62.5°	834.0	477.5	467.7	533.1	559.3
65°	654.1	421.9	415.4	474.2	490.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	516.8	369.6	372.9	421.9	441.5
70°	399.0	320.5	340.1	385.9	399.0
72.5°	300.9	271.5	314.0	353.2	369.6
75°	222.4	228.9	287.8	330.3	346.7
77.5°	153.7	189.7	264.9	310.7	327.1
80°	104.7	153.7	242.0	294.4	314.0
82.5°	62.1	127.6	222.4	278.0	300.9
85°	29.4	104.7	202.8	264.9	284.5
87.5°	9.8	85.0	183.2	251.8	268.2
90°	0.0	72.0	170.1	235.5	245.3
92.5°	0.0	62.1	153.7	215.9	222.4
95°	0.0	52.3	140.6	193.0	202.8
97.5°	0.0	49.1	130.8	173.3	186.4
100°	0.0	45.8	117.7	157.0	170.1
102.5°	0.0	39.2	104.7	140.6	153.7
105°	0.0	39.2	91.6	130.8	140.6
107.5°	3.3	36.0	85.0	117.7	130.8
110°	3.3	36.0	75.2	111.2	121.0
112.5°	3.3	36.0	72.0	101.4	114.5
115°	3.3	32.7	68.7	94.8	101.4
117.5°	3.3	32.7	65.4	85.0	91.6
120°	3.3	29.4	62.1	78.5	81.8
122.5°	3.3	29.4	58.9	72.0	75.2
125°	3.3	29.4	58.9	68.7	72.0
127.5°	3.3	26.2	55.6	65.4	65.4
130°	3.3	26.2	52.3	62.1	62.1
132.5°	3.3	22.9	49.1	58.9	62.1
135°	3.3	22.9	45.8	55.6	58.9
137.5°	3.3	19.6	42.5	52.3	55.6
140°	3.3	19.6	39.2	49.1	52.3
142.5°	3.3	16.4	36.0	45.8	49.1
145°	3.3	16.4	32.7	42.5	45.8
147.5°	3.3	16.4	29.4	39.2	42.5
150°	3.3	13.1	26.2	36.0	39.2
152.5°	3.3	13.1	22.9	32.7	36.0
155°	3.3	9.8	19.6	29.4	32.7
157.5°	3.3	9.8	19.6	26.2	29.4
160°	6.5	9.8	16.4	22.9	26.2
162.5°	3.3	6.5	16.4	19.6	22.9
165°	6.5	6.5	13.1	16.4	19.6
167.5°	6.5	6.5	9.8	13.1	16.4
170°	6.5	6.5	9.8	9.8	13.1
172.5°	6.5	6.5	6.5	9.8	6.5
175°	6.5	6.5	6.5	6.5	3.3
177.5°	6.5	6.5	6.5	6.5	3.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	6.5	6.5	6.5	6.5	6.5

(END OF REPORT)