

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: P566738

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566738
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-67SL-LW-UNV-L930-CD
Description: 4FT 6700 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

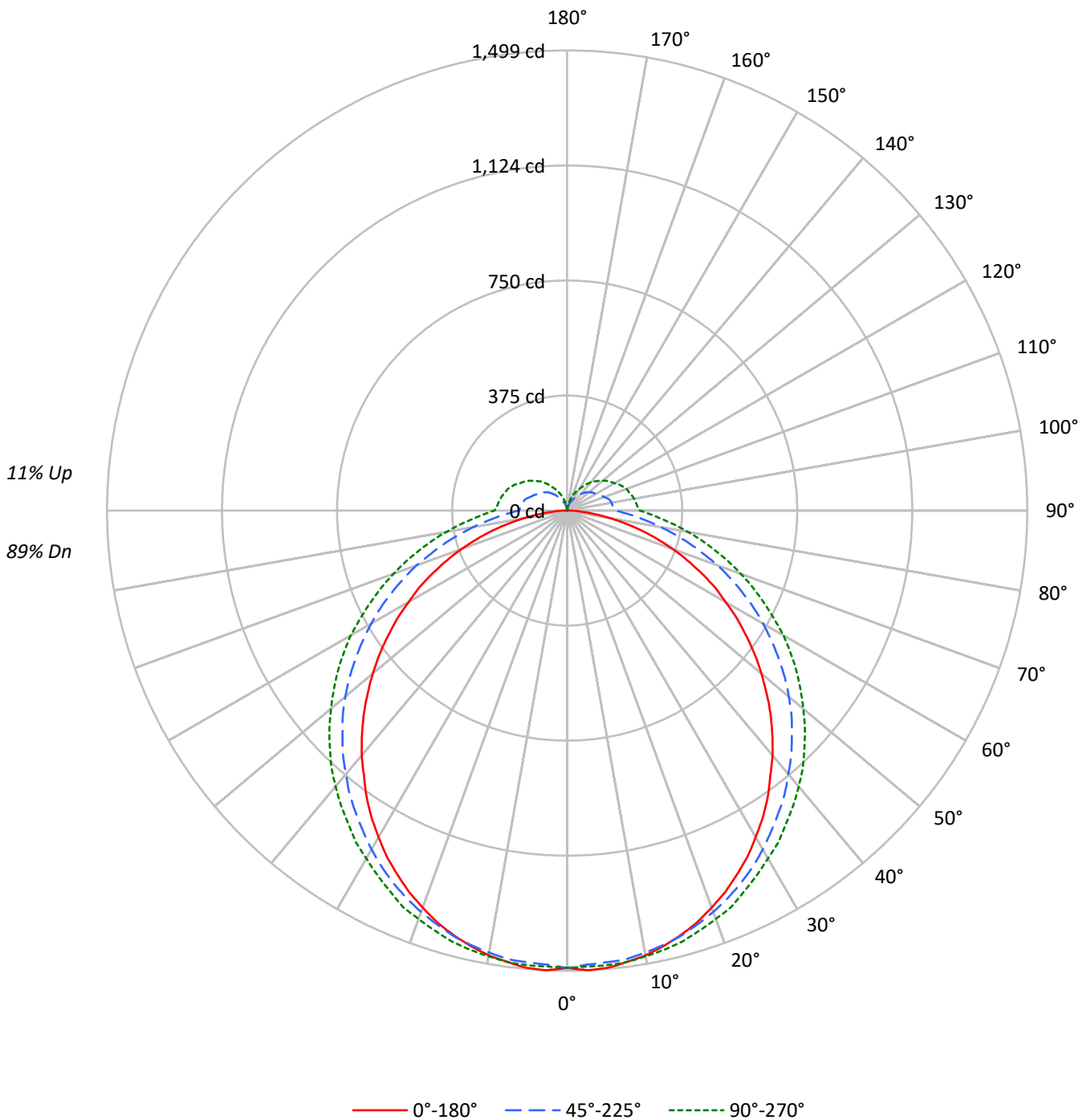
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5303.0 lumens
Efficiency: N/A
Efficacy: 110.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Semi-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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	100	95	90	101	96	92	88	90	86	83	84	81	79	79	76	74	71
2	95	86	79	73	91	83	76	71	78	72	68	73	68	64	68	65	61	58
3	86	75	67	60	83	73	65	59	68	61	56	64	58	54	60	55	51	49
4	79	66	57	50	75	64	56	49	60	53	47	57	50	46	53	48	44	41
5	72	59	50	43	69	57	49	42	54	46	41	51	44	39	48	42	38	35
6	67	53	44	37	64	51	43	37	48	41	35	46	39	34	43	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	39	34	29	27
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	30	26	24
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	24	22
10	50	37	29	24	48	36	28	23	34	27	23	32	26	22	31	25	21	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	16034	16034	16034
5°	16103	15292	15178
10°	15963	14683	14419
15°	15774	14092	13736
20°	15526	13480	13052
25°	15243	12893	12383
30°	14912	12289	11742
35°	14549	11683	11143
40°	14136	11091	10572
45°	13690	10498	9986
50°	13181	9887	9372
55°	12622	9207	8769
60°	11965	8497	8132
65°	11274	7731	7405
70°	10321	6915	6691
75°	9066	5966	5933
80°	7085	5007	5177
85°	4626	4117	4400



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.5	2.7
10°-20°	406.7	7.7
20°-30°	618.4	11.7
30°-40°	750.7	14.2
40°-50°	793.2	15.0
50°-60°	742.2	14.0
60°-70°	609.0	11.5
70°-80°	418.9	7.9
80°-90°	229.4	4.3
90°-100°	147.7	2.8
100°-110°	132.6	2.5
110°-120°	109.7	2.1
120°-130°	84.5	1.6
130°-140°	59.4	1.1
140°-150°	35.8	0.7
150°-160°	17.1	0.3
160°-170°	5.6	0.1
170°-180°	0.7	0.0
0°-30°	1166.5	22.0
0°-40°	1917.2	36.2
0°-60°	3452.7	65.1
0°-90°	4710.0	88.8
90°-120°	390.0	7.4
90°-150°	569.6	10.7
90°-180°	593.0	11.2
0°-180°	5303.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1490	1490	1490	1490	1490	
5°	1496	1493	1477	1490	1487	142
15°	1431	1437	1434	1453	1453	404
25°	1308	1324	1339	1367	1367	603
35°	1140	1167	1201	1235	1244	712
45°	937	980	1035	1081	1093	722
55°	713	771	842	894	912	638
65°	482	547	630	688	706	478
75°	252	319	412	476	498	265
85°	55	132	224	286	307	64
90°	0	74	157	215	236	4
95°	0	71	150	206	227	0
105°	0	58	141	194	212	2
115°	3	52	120	172	194	3
125°	3	43	101	147	166	3
135°	3	34	83	120	135	2
145°	3	25	58	92	101	2
155°	3	15	37	58	68	1
165°	3	9	18	28	34	1
175°	3	3	6	6	3	0
180°	3	3	3	3	3	



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CATALOG NUMBER: 4SNX-67SL-LW-UNV-L930-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1489.6	1489.6	1489.6	1489.6	1489.6
2.5°	1498.8	1495.8	1480.4	1492.7	1486.6
5°	1495.8	1492.7	1477.3	1489.6	1486.6
7.5°	1483.5	1483.5	1474.3	1486.6	1483.5
10°	1471.2	1471.2	1462.0	1477.3	1474.3
12.5°	1452.8	1455.8	1449.7	1468.1	1465.1
15°	1431.3	1437.4	1434.3	1452.8	1452.8
17.5°	1406.7	1412.8	1412.8	1434.3	1434.3
20°	1376.0	1385.2	1391.3	1415.9	1415.9
22.5°	1345.3	1357.6	1366.8	1388.3	1397.5
25°	1308.4	1323.8	1339.1	1366.8	1366.8
27.5°	1271.6	1290.0	1308.4	1336.1	1339.1
30°	1228.6	1250.1	1274.6	1302.3	1308.4
32.5°	1185.6	1213.2	1237.8	1271.6	1280.8
35°	1139.5	1167.1	1200.9	1234.7	1243.9
37.5°	1087.3	1121.1	1164.1	1200.9	1210.1
40°	1041.2	1078.1	1121.1	1164.1	1173.3
42.5°	989.0	1028.9	1081.1	1121.1	1136.4
45°	936.8	979.8	1035.1	1081.1	1093.4
47.5°	881.5	930.6	992.1	1035.1	1050.4
50°	826.2	878.4	942.9	992.1	1004.3
52.5°	770.9	826.2	893.8	942.9	958.3
55°	712.6	770.9	841.6	893.8	912.2
57.5°	657.3	715.6	789.3	844.6	863.1
60°	595.9	663.4	737.1	792.4	813.9
62.5°	543.6	605.1	684.9	740.2	758.6
65°	482.2	546.7	629.6	688.0	706.4
67.5°	423.9	491.4	574.4	635.8	654.2
70°	365.5	433.1	522.1	580.5	602.0
72.5°	307.1	377.8	463.8	528.3	549.8
75°	251.9	319.4	411.6	476.1	497.6
77.5°	193.5	267.2	359.4	423.9	448.4
80°	141.3	218.1	310.2	374.7	399.3
82.5°	95.2	172.0	264.1	328.6	353.2
85°	55.3	132.1	224.2	285.6	307.1
87.5°	27.6	101.4	187.4	248.8	270.3
90°	0.0	73.7	156.6	215.0	236.5
92.5°	0.0	70.6	153.6	208.9	230.4
95°	0.0	70.6	150.5	205.8	227.3
97.5°	0.0	67.6	147.4	205.8	224.2
100°	0.0	64.5	147.4	202.7	221.1
102.5°	0.0	61.4	144.4	199.6	218.1
105°	0.0	58.4	141.3	193.5	211.9
107.5°	3.1	58.4	135.1	190.4	208.9
110°	3.1	55.3	129.0	187.4	205.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	3.1	52.2	122.9	181.2	199.6
115°	3.1	52.2	119.8	172.0	193.5
117.5°	3.1	49.1	113.6	165.9	187.4
120°	3.1	49.1	110.6	159.7	178.1
122.5°	3.1	46.1	104.4	153.6	172.0
125°	3.1	43.0	101.4	147.4	165.9
127.5°	3.1	39.9	98.3	141.3	159.7
130°	3.1	36.9	92.1	135.1	150.5
132.5°	3.1	36.9	89.1	125.9	144.4
135°	3.1	33.8	82.9	119.8	135.1
137.5°	3.1	30.7	76.8	113.6	129.0
140°	3.1	27.6	70.6	107.5	119.8
142.5°	3.1	27.6	64.5	98.3	110.6
145°	3.1	24.6	58.4	92.1	101.4
147.5°	3.1	21.5	52.2	82.9	92.1
150°	3.1	21.5	46.1	73.7	82.9
152.5°	3.1	18.4	39.9	67.6	76.8
155°	3.1	15.4	36.9	58.4	67.6
157.5°	3.1	15.4	30.7	49.1	58.4
160°	3.1	12.3	27.6	39.9	49.1
162.5°	3.1	12.3	24.6	33.8	43.0
165°	3.1	9.2	18.4	27.6	33.8
167.5°	3.1	9.2	15.4	21.5	27.6
170°	3.1	6.1	12.3	15.4	21.5
172.5°	3.1	6.1	9.2	9.2	9.2
175°	3.1	3.1	6.1	6.1	3.1
177.5°	3.1	3.1	3.1	3.1	3.1
180°	3.1	3.1	3.1	3.1	3.1

(END OF REPORT)