

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: P567902

Luminaire Tested: **8SNX-62SL-LW-UNV-L930-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567902  
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: 8SNX-62SL-LW-UNV-L930-CD  
Description: 8FT 6200 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LW LENS  
Light Source: -  
Ballast/Driver: -

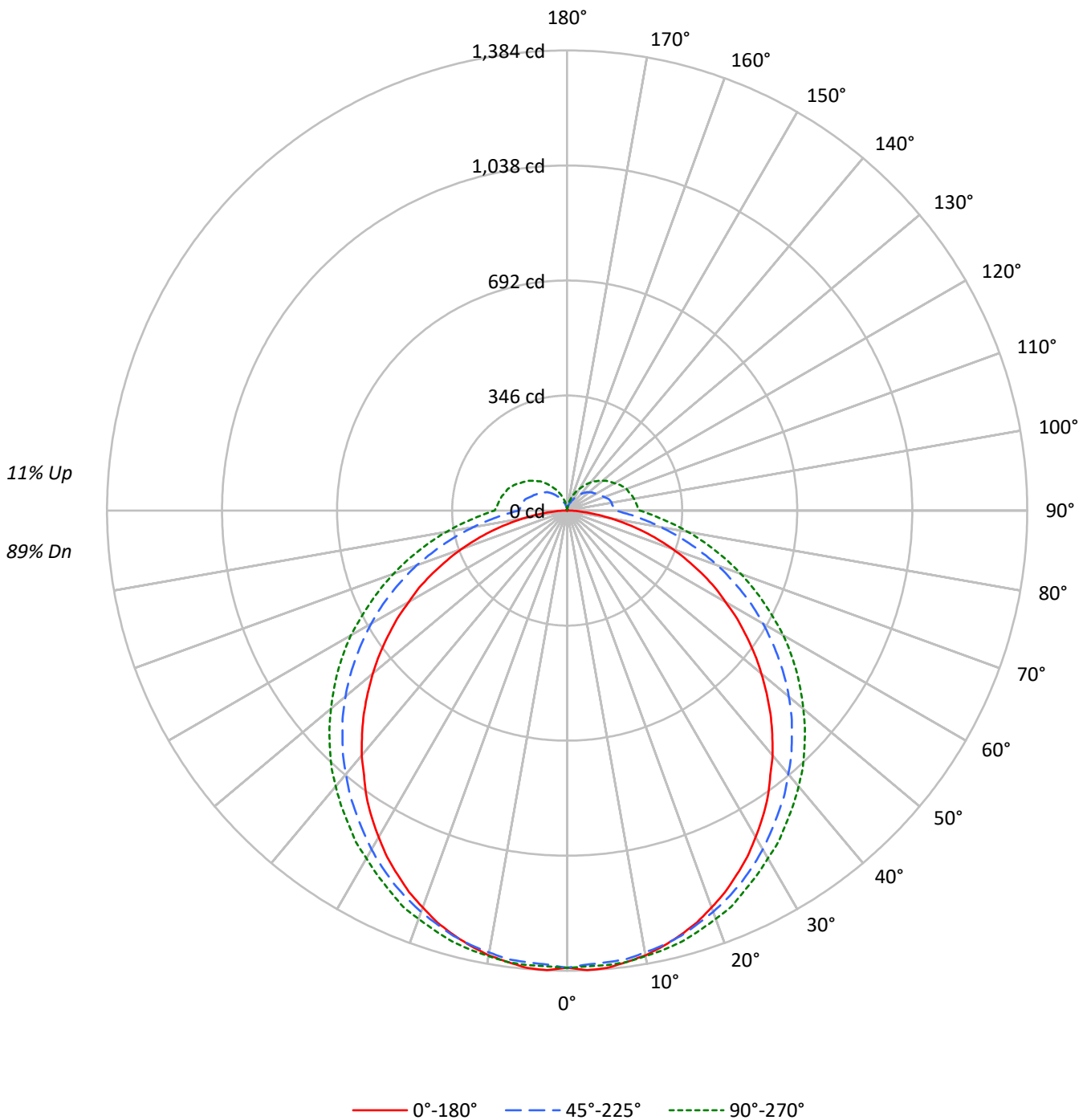
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4895.0 lumens  
Efficiency: N/A  
Efficacy: 125.5 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.17')  
CIE Type: Semi-Direct

Input Watts (W): 39  
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	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°	7400	7400	7400
5°	7446	7067	7005
10°	7394	6793	6654
15°	7321	6527	6339
20°	7220	6250	6024
25°	7103	5984	5715
30°	6964	5710	5419
35°	6811	5433	5143
40°	6636	5164	4879
45°	6447	4893	4609
50°	6230	4614	4326
55°	5993	4302	4047
60°	5714	3976	3753
65°	5426	3624	3418
70°	5022	3247	3088
75°	4486	2807	2738
80°	3614	2362	2390
85°	2544	1950	2031



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	130.6	2.7
10°-20°	375.4	7.7
20°-30°	570.8	11.7
30°-40°	692.9	14.2
40°-50°	732.2	15.0
50°-60°	685.1	14.0
60°-70°	562.2	11.5
70°-80°	386.7	7.9
80°-90°	211.8	4.3
90°-100°	136.4	2.8
100°-110°	122.4	2.5
110°-120°	101.3	2.1
120°-130°	78.0	1.6
130°-140°	54.8	1.1
140°-150°	33.0	0.7
150°-160°	15.8	0.3
160°-170°	5.2	0.1
170°-180°	0.6	0.0
0°-30°	1076.8	22.0
0°-40°	1769.7	36.2
0°-60°	3187.0	65.1
0°-90°	4347.6	88.8
90°-120°	360.0	7.4
90°-150°	525.8	10.7
90°-180°	547.0	11.2
0°-180°	4895.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1375	1375	1375	1375	1375	
5°	1381	1378	1364	1375	1372	131
15°	1321	1327	1324	1341	1341	373
25°	1208	1222	1236	1262	1262	557
35°	1052	1077	1108	1140	1148	657
45°	865	904	955	998	1009	666
55°	658	712	777	825	842	589
65°	445	505	581	635	652	441
75°	232	295	380	439	459	245
85°	51	122	207	264	284	59
90°	0	68	145	198	218	3
95°	0	65	139	190	210	0
105°	0	54	130	179	196	2
115°	3	48	111	159	179	3
125°	3	40	94	136	153	3
135°	3	31	76	111	125	2
145°	3	23	54	85	94	2
155°	3	14	34	54	62	1
165°	3	8	17	26	31	1
175°	3	3	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°	1375.0	1375.0	1375.0	1375.0	1375.0
2.5°	1383.5	1380.7	1366.5	1377.9	1372.2
5°	1380.7	1377.9	1363.7	1375.0	1372.2
7.5°	1369.3	1369.3	1360.8	1372.2	1369.3
10°	1358.0	1358.0	1349.5	1363.7	1360.8
12.5°	1341.0	1343.8	1338.2	1355.2	1352.3
15°	1321.2	1326.8	1324.0	1341.0	1341.0
17.5°	1298.5	1304.1	1304.1	1324.0	1324.0
20°	1270.1	1278.6	1284.3	1307.0	1307.0
22.5°	1241.8	1253.1	1261.6	1281.5	1290.0
25°	1207.7	1221.9	1236.1	1261.6	1261.6
27.5°	1173.7	1190.7	1207.7	1233.3	1236.1
30°	1134.0	1153.9	1176.6	1202.1	1207.7
32.5°	1094.3	1119.9	1142.5	1173.7	1182.2
35°	1051.8	1077.3	1108.5	1139.7	1148.2
37.5°	1003.6	1034.8	1074.5	1108.5	1117.0
40°	961.1	995.1	1034.8	1074.5	1083.0
42.5°	912.9	949.8	998.0	1034.8	1049.0
45°	864.7	904.4	955.4	998.0	1009.3
47.5°	813.7	859.0	915.7	955.4	969.6
50°	762.6	810.8	870.4	915.7	927.1
52.5°	711.6	762.6	825.0	870.4	884.5
55°	657.7	711.6	776.8	825.0	842.0
57.5°	606.7	660.6	728.6	779.6	796.7
60°	550.0	612.4	680.4	731.5	751.3
62.5°	501.8	558.5	632.2	683.3	700.3
65°	445.1	504.6	581.2	635.1	652.1
67.5°	391.2	453.6	530.2	586.9	603.9
70°	337.4	399.7	482.0	535.8	555.7
72.5°	283.5	348.7	428.1	487.6	507.5
75°	232.5	294.8	379.9	439.4	459.3
77.5°	178.6	246.7	331.7	391.2	413.9
80°	130.4	201.3	286.3	345.9	368.6
82.5°	87.9	158.8	243.8	303.4	326.0
85°	51.0	121.9	207.0	263.7	283.5
87.5°	25.5	93.6	172.9	229.6	249.5
90°	0.0	68.0	144.6	198.5	218.3
92.5°	0.0	65.2	141.8	192.8	212.6
95°	0.0	65.2	138.9	190.0	209.8
97.5°	0.0	62.4	136.1	190.0	207.0
100°	0.0	59.5	136.1	187.1	204.1
102.5°	0.0	56.7	133.2	184.3	201.3
105°	0.0	53.9	130.4	178.6	195.6
107.5°	2.8	53.9	124.7	175.8	192.8
110°	2.8	51.0	119.1	172.9	190.0



TEST NUMBER: P567902

CATALOG NUMBER: 8SNX-62SL-LW-UNV-L930-CD

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.8	48.2	113.4	167.3	184.3
115°	2.8	48.2	110.6	158.8	178.6
117.5°	2.8	45.4	104.9	153.1	172.9
120°	2.8	45.4	102.1	147.4	164.4
122.5°	2.8	42.5	96.4	141.8	158.8
125°	2.8	39.7	93.6	136.1	153.1
127.5°	2.8	36.9	90.7	130.4	147.4
130°	2.8	34.0	85.1	124.7	138.9
132.5°	2.8	34.0	82.2	116.2	133.2
135°	2.8	31.2	76.5	110.6	124.7
137.5°	2.8	28.4	70.9	104.9	119.1
140°	2.8	25.5	65.2	99.2	110.6
142.5°	2.8	25.5	59.5	90.7	102.1
145°	2.8	22.7	53.9	85.1	93.6
147.5°	2.8	19.8	48.2	76.5	85.1
150°	2.8	19.8	42.5	68.0	76.5
152.5°	2.8	17.0	36.9	62.4	70.9
155°	2.8	14.2	34.0	53.9	62.4
157.5°	2.8	14.2	28.4	45.4	53.9
160°	2.8	11.3	25.5	36.9	45.4
162.5°	2.8	11.3	22.7	31.2	39.7
165°	2.8	8.5	17.0	25.5	31.2
167.5°	2.8	8.5	14.2	19.8	25.5
170°	2.8	5.7	11.3	14.2	19.8
172.5°	2.8	5.7	8.5	8.5	8.5
175°	2.8	2.8	5.7	5.7	2.8
177.5°	2.8	2.8	2.8	2.8	2.8
180°	2.8	2.8	2.8	2.8	2.8

(END OF REPORT)