

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: P567334

Luminaire Tested: **8SNX-126SL-SLW-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567334
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-126SL-SLW-UNV-L930-CD
Description: 8FT 12600 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

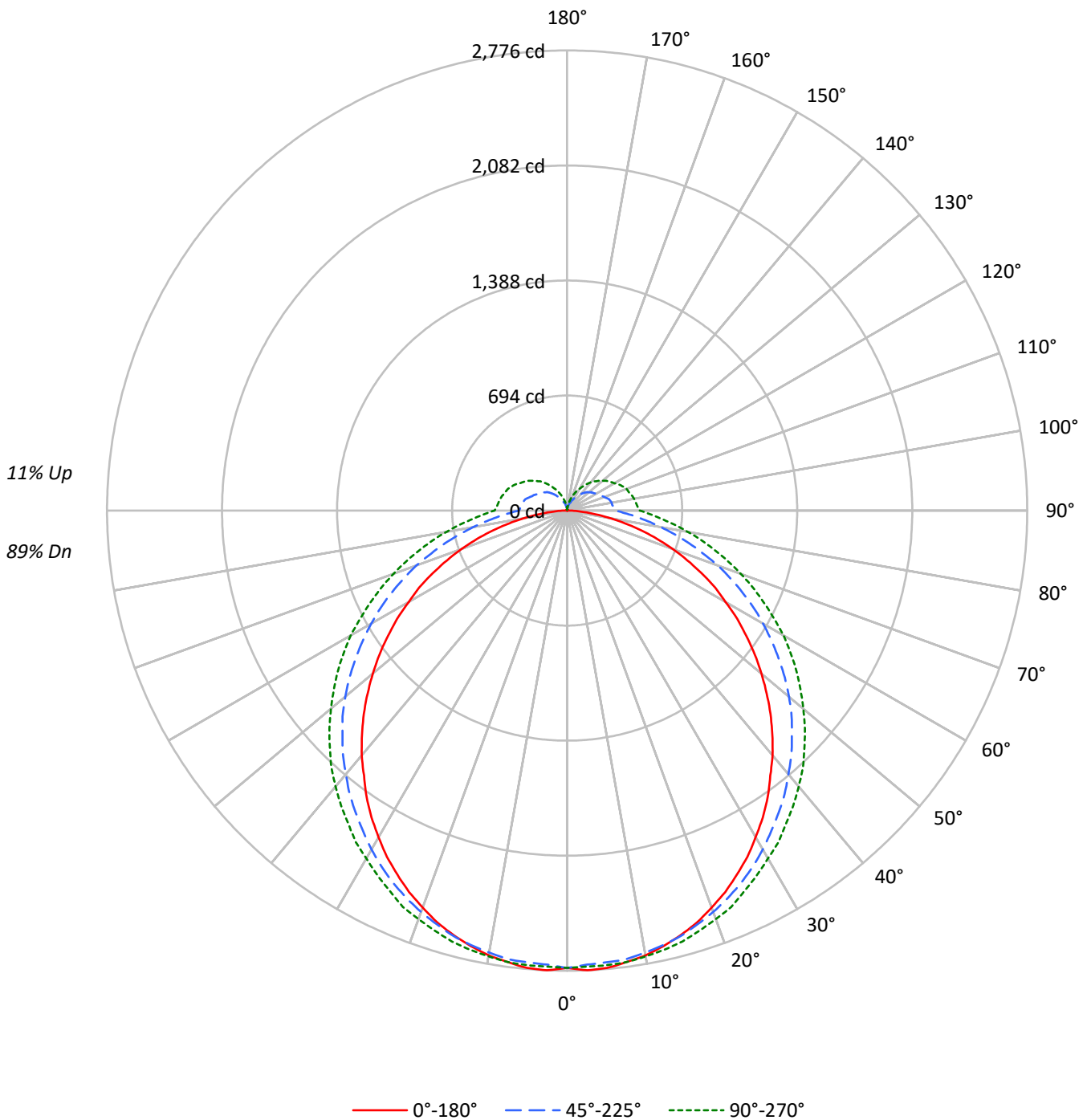
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9821.0 lumens
Efficiency: N/A
Efficacy: 110.6 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: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 88.8
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°	14847	14847	14847
5°	14952	14475	14454
10°	14863	14191	14096
15°	14728	13899	13766
20°	14540	13563	13399
25°	14320	13233	13016
30°	14056	12871	12636
35°	13765	12495	12281
40°	13431	12124	11940
45°	13069	11746	11571
50°	12655	11348	11158
55°	12201	10867	10753
60°	11668	10353	10302
65°	11125	9775	9732
70°	10356	9138	9175
75°	9337	8326	8558
80°	7660	7503	7950
85°	5653	6806	7325



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	262.0	2.7
10°-20°	753.2	7.7
20°-30°	1145.2	11.7
30°-40°	1390.2	14.2
40°-50°	1469.0	15.0
50°-60°	1374.6	14.0
60°-70°	1127.9	11.5
70°-80°	775.8	7.9
80°-90°	424.8	4.3
90°-100°	273.6	2.8
100°-110°	245.5	2.5
110°-120°	203.2	2.1
120°-130°	156.5	1.6
130°-140°	110.0	1.1
140°-150°	66.2	0.7
150°-160°	31.7	0.3
160°-170°	10.4	0.1
170°-180°	1.2	0.0
0°-30°	2160.4	22.0
0°-40°	3550.6	36.2
0°-60°	6394.2	65.1
0°-90°	8722.7	88.8
90°-120°	722.3	7.4
90°-150°	1054.9	10.7
90°-180°	1098.0	11.2
0°-180°	9821.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2759	2759	2759	2759	2759	
5°	2770	2764	2736	2759	2753	263
15°	2651	2662	2656	2690	2690	747
25°	2423	2452	2480	2531	2531	1117
35°	2110	2162	2224	2287	2304	1318
45°	1735	1814	1917	2002	2025	1337
55°	1320	1428	1558	1655	1689	1181
65°	893	1012	1166	1274	1308	884
75°	466	592	762	882	922	491
85°	102	245	415	529	569	118
90°	0	136	290	398	438	7
95°	0	131	279	381	421	0
105°	0	108	262	358	392	4
115°	6	97	222	318	358	6
125°	6	80	188	273	307	5
135°	6	63	154	222	250	4
145°	6	46	108	171	188	4
155°	6	28	68	108	125	3
165°	6	17	34	51	63	2
175°	6	6	11	11	6	1
180°	6	6	6	6	6	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2758.7	2758.7	2758.7	2758.7	2758.7
2.5°	2775.8	2770.1	2741.7	2764.4	2753.1
5°	2770.1	2764.4	2736.0	2758.7	2753.1
7.5°	2747.4	2747.4	2730.3	2753.1	2747.4
10°	2724.6	2724.6	2707.5	2736.0	2730.3
12.5°	2690.5	2696.2	2684.8	2718.9	2713.2
15°	2650.7	2662.0	2656.4	2690.5	2690.5
17.5°	2605.2	2616.5	2616.5	2656.4	2656.4
20°	2548.3	2565.3	2576.7	2622.2	2622.2
22.5°	2491.4	2514.2	2531.2	2571.0	2588.1
25°	2423.1	2451.6	2480.0	2531.2	2531.2
27.5°	2354.9	2389.0	2423.1	2474.3	2480.0
30°	2275.3	2315.1	2360.6	2411.8	2423.1
32.5°	2195.6	2246.8	2292.3	2354.9	2371.9
35°	2110.3	2161.5	2224.1	2286.6	2303.7
37.5°	2013.6	2076.2	2155.8	2224.1	2241.1
40°	1928.3	1996.5	2076.2	2155.8	2172.9
42.5°	1831.6	1905.5	2002.2	2076.2	2104.6
45°	1734.9	1814.5	1916.9	2002.2	2025.0
47.5°	1632.5	1723.5	1837.3	1916.9	1945.3
50°	1530.1	1626.8	1746.3	1837.3	1860.0
52.5°	1427.7	1530.1	1655.2	1746.3	1774.7
55°	1319.6	1427.7	1558.5	1655.2	1689.4
57.5°	1217.3	1325.3	1461.8	1564.2	1598.4
60°	1103.5	1228.6	1365.2	1467.5	1507.4
62.5°	1006.8	1120.6	1268.5	1370.8	1405.0
65°	893.0	1012.5	1166.1	1274.1	1308.3
67.5°	785.0	910.1	1063.7	1177.4	1211.6
70°	676.9	802.0	967.0	1075.1	1114.9
72.5°	568.8	699.6	858.9	978.4	1018.2
75°	466.4	591.6	762.2	881.7	921.5
77.5°	358.4	494.9	665.5	785.0	830.5
80°	261.7	403.9	574.5	694.0	739.5
82.5°	176.3	318.5	489.2	608.6	654.1
85°	102.4	244.6	415.2	529.0	568.8
87.5°	51.2	187.7	347.0	460.7	500.6
90°	0.0	136.5	290.1	398.2	438.0
92.5°	0.0	130.8	284.4	386.8	426.6
95°	0.0	130.8	278.7	381.1	420.9
97.5°	0.0	125.1	273.0	381.1	415.2
100°	0.0	119.5	273.0	375.4	409.5
102.5°	0.0	113.8	267.3	369.7	403.9
105°	0.0	108.1	261.7	358.4	392.5
107.5°	5.7	108.1	250.3	352.7	386.8
110°	5.7	102.4	238.9	347.0	381.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	5.7	96.7	227.5	335.6	369.7
115°	5.7	96.7	221.8	318.5	358.4
117.5°	5.7	91.0	210.5	307.2	347.0
120°	5.7	91.0	204.8	295.8	329.9
122.5°	5.7	85.3	193.4	284.4	318.5
125°	5.7	79.6	187.7	273.0	307.2
127.5°	5.7	73.9	182.0	261.7	295.8
130°	5.7	68.3	170.6	250.3	278.7
132.5°	5.7	68.3	165.0	233.2	267.3
135°	5.7	62.6	153.6	221.8	250.3
137.5°	5.7	56.9	142.2	210.5	238.9
140°	5.7	51.2	130.8	199.1	221.8
142.5°	5.7	51.2	119.5	182.0	204.8
145°	5.7	45.5	108.1	170.6	187.7
147.5°	5.7	39.8	96.7	153.6	170.6
150°	5.7	39.8	85.3	136.5	153.6
152.5°	5.7	34.1	73.9	125.1	142.2
155°	5.7	28.4	68.3	108.1	125.1
157.5°	5.7	28.4	56.9	91.0	108.1
160°	5.7	22.8	51.2	73.9	91.0
162.5°	5.7	22.8	45.5	62.6	79.6
165°	5.7	17.1	34.1	51.2	62.6
167.5°	5.7	17.1	28.4	39.8	51.2
170°	5.7	11.4	22.8	28.4	39.8
172.5°	5.7	11.4	17.1	17.1	17.1
175°	5.7	5.7	11.4	11.4	5.7
177.5°	5.7	5.7	5.7	5.7	5.7
180°	5.7	5.7	5.7	5.7	5.7

(END OF REPORT)