

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: P567326

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567326
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-LW-UNV-L930-CD
Description: 8FT 12600 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

Summary

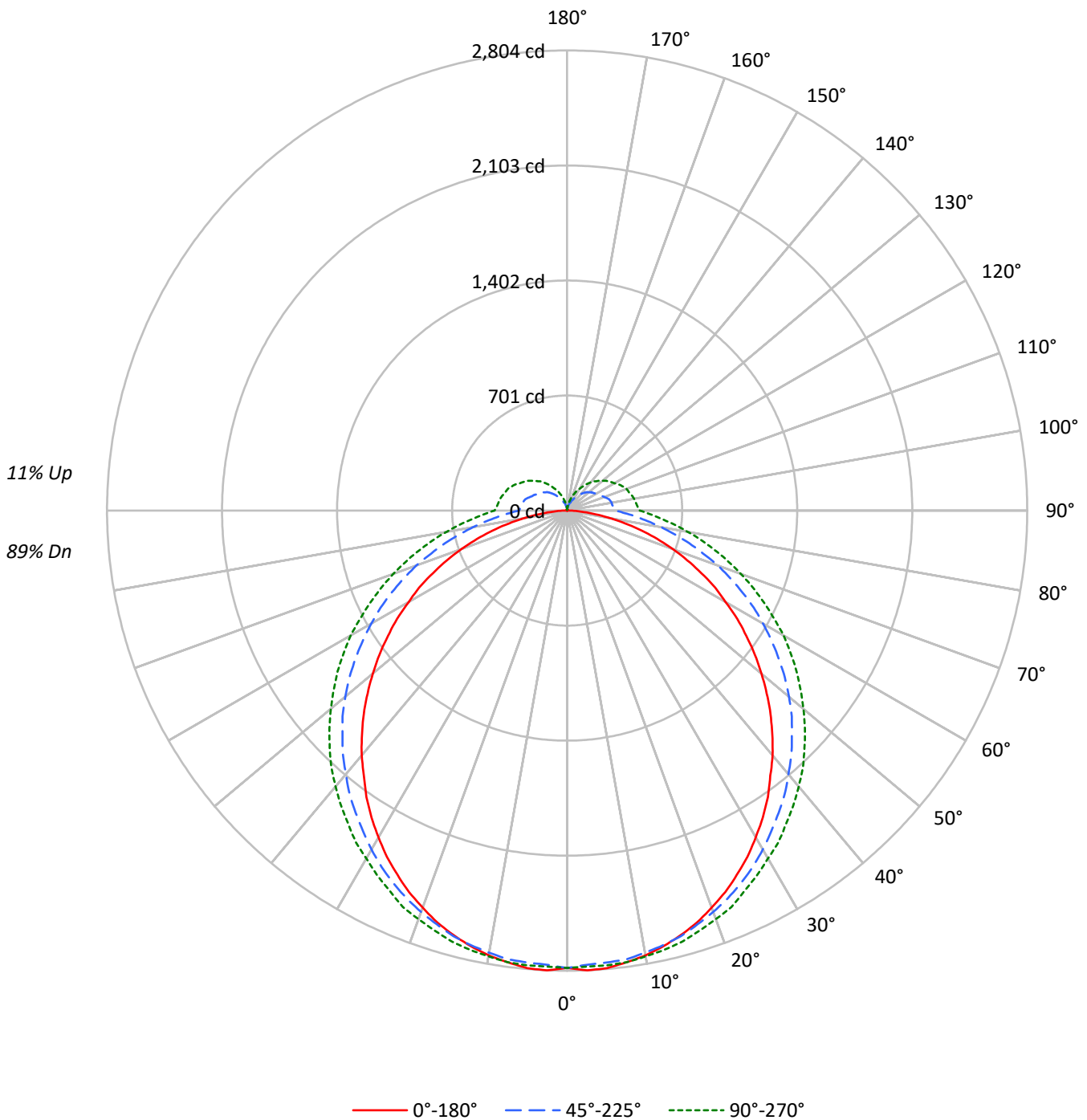
Lumens per Lamp: N/A
Luminaire Lumens: 9921.9 lumens
Efficiency: N/A
Efficacy: 111.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.17')
CIE Type: Semi-Direct

Input Watts (W): 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	77	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°	15000	15000	15000
5°	15092	14324	14198
10°	14988	13769	13489
15°	14838	13230	12850
20°	14634	12668	12210
25°	14398	12129	11584
30°	14115	11572	10985
35°	13806	11013	10425
40°	13452	10467	9890
45°	13068	9918	9343
50°	12629	9353	8767
55°	12148	8720	8204
60°	11582	8059	7608
65°	10998	7345	6927
70°	10178	6582	6259
75°	9091	5689	5550
80°	7326	4788	4843
85°	5157	3951	4117



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	264.7	2.7
10°-20°	760.9	7.7
20°-30°	1157.0	11.7
30°-40°	1404.5	14.2
40°-50°	1484.1	15.0
50°-60°	1388.8	14.0
60°-70°	1139.5	11.5
70°-80°	783.7	7.9
80°-90°	429.2	4.3
90°-100°	276.4	2.8
100°-110°	248.0	2.5
110°-120°	205.3	2.1
120°-130°	158.1	1.6
130°-140°	111.1	1.1
140°-150°	66.9	0.7
150°-160°	32.0	0.3
160°-170°	10.5	0.1
170°-180°	1.3	0.0
0°-30°	2182.6	22.0
0°-40°	3587.1	36.2
0°-60°	6460.0	65.1
0°-90°	8812.4	88.8
90°-120°	729.7	7.4
90°-150°	1065.7	10.7
90°-180°	1110.0	11.2
0°-180°	9921.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2787	2787	2787	2787	2787	
5°	2799	2793	2764	2787	2781	265
15°	2678	2689	2684	2718	2718	755
25°	2448	2477	2506	2557	2557	1128
35°	2132	2184	2247	2310	2327	1332
45°	1753	1833	1937	2023	2046	1351
55°	1333	1442	1575	1672	1707	1193
65°	902	1023	1178	1287	1322	893
75°	471	598	770	891	931	496
85°	103	247	420	534	575	120
90°	0	138	293	402	442	7
95°	0	132	282	385	425	0
105°	0	109	264	362	396	4
115°	6	98	224	322	362	6
125°	6	80	190	276	310	5
135°	6	63	155	224	253	4
145°	6	46	109	172	190	4
155°	6	29	69	109	126	3
165°	6	17	34	52	63	2
175°	6	6	12	12	6	1
180°	6	6	6	6	6	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2787.1	2787.1	2787.1	2787.1	2787.1
2.5°	2804.4	2798.6	2769.9	2792.9	2781.4
5°	2798.6	2792.9	2764.1	2787.1	2781.4
7.5°	2775.6	2775.6	2758.4	2781.4	2775.6
10°	2752.6	2752.6	2735.4	2764.1	2758.4
12.5°	2718.2	2723.9	2712.4	2746.9	2741.1
15°	2677.9	2689.4	2683.7	2718.2	2718.2
17.5°	2632.0	2643.4	2643.4	2683.7	2683.7
20°	2574.5	2591.7	2603.2	2649.2	2649.2
22.5°	2517.0	2540.0	2557.2	2597.5	2614.7
25°	2448.1	2476.8	2505.5	2557.2	2557.2
27.5°	2379.1	2413.6	2448.1	2499.8	2505.5
30°	2298.6	2338.9	2384.8	2436.6	2448.1
32.5°	2218.2	2269.9	2315.9	2379.1	2396.3
35°	2132.0	2183.7	2246.9	2310.1	2327.4
37.5°	2034.3	2097.5	2178.0	2246.9	2264.2
40°	1948.1	2017.1	2097.5	2178.0	2195.2
42.5°	1850.4	1925.1	2022.8	2097.5	2126.3
45°	1752.7	1833.2	1936.6	2022.8	2045.8
47.5°	1649.3	1741.2	1856.2	1936.6	1965.3
50°	1545.8	1643.5	1764.2	1856.2	1879.1
52.5°	1442.4	1545.8	1672.3	1764.2	1792.9
55°	1333.2	1442.4	1574.6	1672.3	1706.7
57.5°	1229.8	1339.0	1476.9	1580.3	1614.8
60°	1114.8	1241.3	1379.2	1482.6	1522.9
62.5°	1017.2	1132.1	1281.5	1384.9	1419.4
65°	902.2	1022.9	1178.1	1287.2	1321.7
67.5°	793.0	919.5	1074.6	1189.6	1224.0
70°	683.8	810.3	976.9	1086.1	1126.3
72.5°	574.7	706.8	867.7	988.4	1028.6
75°	471.2	597.6	770.0	890.7	931.0
77.5°	362.0	500.0	672.4	793.0	839.0
80°	264.3	408.0	580.4	701.1	747.1
82.5°	178.1	321.8	494.2	614.9	660.9
85°	103.4	247.1	419.5	534.4	574.7
87.5°	51.7	189.6	350.5	465.5	505.7
90°	0.0	137.9	293.1	402.3	442.5
92.5°	0.0	132.2	287.3	390.8	431.0
95°	0.0	132.2	281.6	385.0	425.3
97.5°	0.0	126.4	275.8	385.0	419.5
100°	0.0	120.7	275.8	379.3	413.8
102.5°	0.0	114.9	270.1	373.5	408.0
105°	0.0	109.2	264.3	362.0	396.5
107.5°	5.7	109.2	252.9	356.3	390.8
110°	5.7	103.4	241.4	350.5	385.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	5.7	97.7	229.9	339.1	373.5
115°	5.7	97.7	224.1	321.8	362.0
117.5°	5.7	91.9	212.6	310.3	350.5
120°	5.7	91.9	206.9	298.8	333.3
122.5°	5.7	86.2	195.4	287.3	321.8
125°	5.7	80.5	189.6	275.8	310.3
127.5°	5.7	74.7	183.9	264.3	298.8
130°	5.7	69.0	172.4	252.9	281.6
132.5°	5.7	69.0	166.7	235.6	270.1
135°	5.7	63.2	155.2	224.1	252.9
137.5°	5.7	57.5	143.7	212.6	241.4
140°	5.7	51.7	132.2	201.1	224.1
142.5°	5.7	51.7	120.7	183.9	206.9
145°	5.7	46.0	109.2	172.4	189.6
147.5°	5.7	40.2	97.7	155.2	172.4
150°	5.7	40.2	86.2	137.9	155.2
152.5°	5.7	34.5	74.7	126.4	143.7
155°	5.7	28.7	69.0	109.2	126.4
157.5°	5.7	28.7	57.5	91.9	109.2
160°	5.7	23.0	51.7	74.7	91.9
162.5°	5.7	23.0	46.0	63.2	80.5
165°	5.7	17.2	34.5	51.7	63.2
167.5°	5.7	17.2	28.7	40.2	51.7
170°	5.7	11.5	23.0	28.7	40.2
172.5°	5.7	11.5	17.2	17.2	17.2
175°	5.7	5.7	11.5	11.5	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)