

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: P567369

Luminaire Tested: **8SNX-134SL-LN-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567369
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-6)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNX-134SL-LN-UNV-L950-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND LN LENS
Light Source: -
Ballast/Driver: -

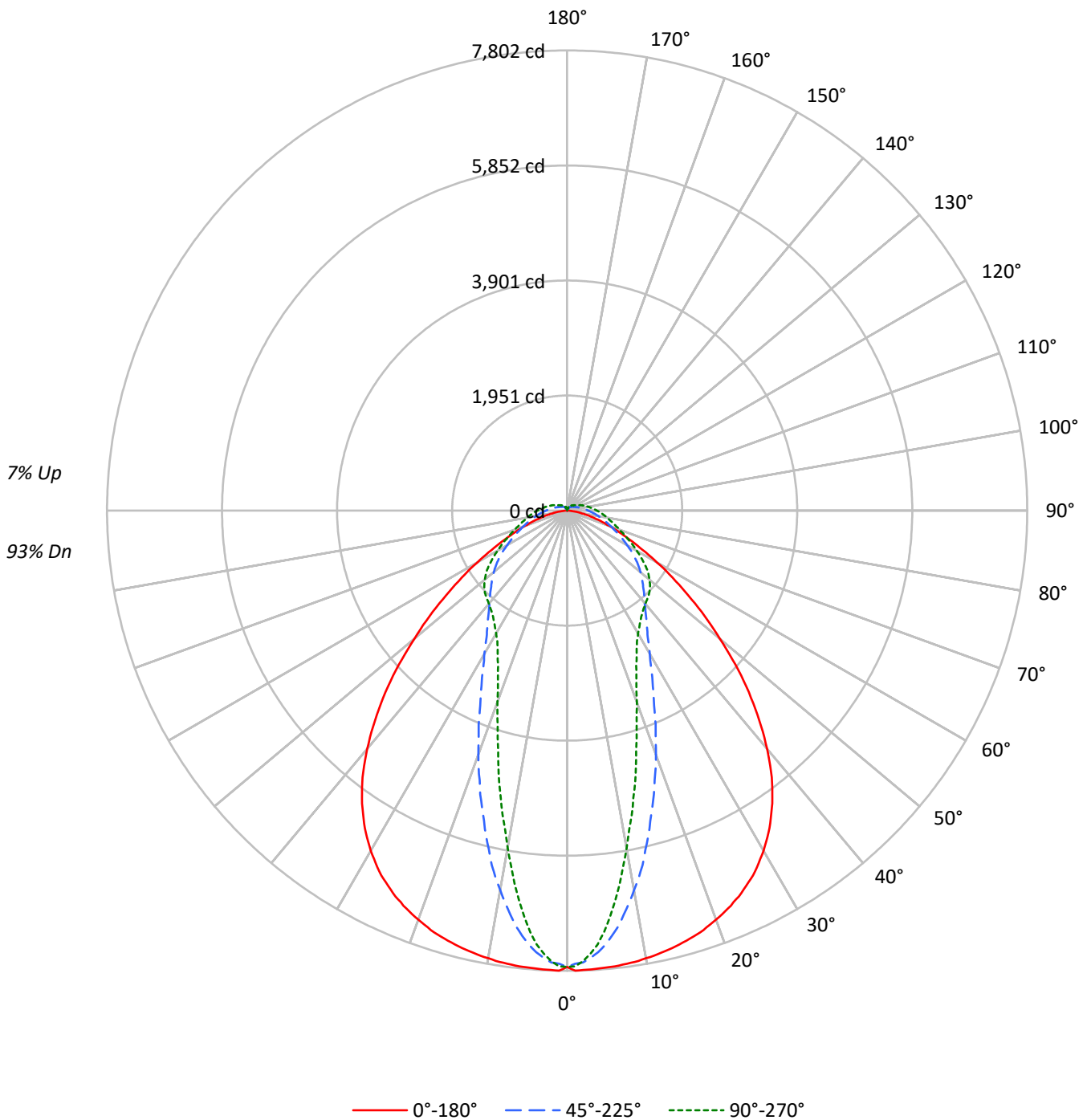
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12334.0 lumens
Efficiency: N/A
Efficacy: 128.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.17')
CIE Type: Direct

Input Watts (W): 95.8
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																		
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	50	30	10	50	30	10	50	30	10	0																
RCR																																														
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93																												
1	107	103	99	95	104	100	96	93	94	91	88	89	87	85	85	83	81	78																												
2	99	91	84	79	95	88	82	77	84	79	75	79	75	72	76	72	69	67																												
3	91	81	73	67	88	79	72	66	75	69	64	71	66	62	68	64	60	58																												
4	84	73	64	58	81	71	63	57	67	61	56	64	59	54	62	57	53	51																												
5	78	66	57	51	75	64	56	51	61	55	49	59	53	48	56	51	47	45																												
6	72	60	51	45	70	59	51	45	56	49	44	54	48	43	52	46	42	40																												
7	67	55	47	41	65	54	46	41	52	45	40	50	44	39	48	42	38	36																												
8	63	51	43	37	61	50	42	37	48	41	36	46	40	36	44	39	35	33																												
9	59	47	39	34	58	46	39	34	44	38	33	43	37	33	41	36	32	30																												
10	56	44	36	31	54	43	36	31	41	35	31	40	34	30	39	34	30	28																												

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	41643	41643	41643
5°	41935	38321	36627
10°	41955	32895	28418
15°	42013	26863	21299
20°	41961	21421	15939
25°	41666	16804	12650
30°	40885	13613	10790
35°	39264	11533	9815
40°	36421	10193	9290
45°	32484	9336	9003
50°	27620	8602	8505
55°	22795	7804	7768
60°	18334	6875	6813
65°	14342	6045	5929
70°	11257	5357	5245
75°	8854	4824	4778
80°	6450	4426	4442
85°	3870	4140	4260



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	685.2	5.6
10°-20°	1606.1	13.0
20°-30°	1906.5	15.5
30°-40°	1918.1	15.6
40°-50°	1783.0	14.5
50°-60°	1468.2	11.9
60°-70°	1034.5	8.4
70°-80°	675.9	5.5
80°-90°	431.5	3.5
90°-100°	283.0	2.3
100°-110°	192.1	1.6
110°-120°	131.7	1.1
120°-130°	91.1	0.7
130°-140°	61.3	0.5
140°-150°	37.8	0.3
150°-160°	19.6	0.2
160°-170°	7.1	0.1
170°-180°	1.2	0.0
0°-30°	4197.8	34.0
0°-40°	6116.0	49.6
0°-60°	9367.2	75.9
0°-90°	11509.1	93.3
90°-120°	606.8	4.9
90°-150°	797.0	6.5
90°-180°	825.0	6.7
0°-180°	12334.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7738	7738	7738	7738	7738	
5°	7776	7673	7395	7253	7175	740
15°	7582	6774	5449	4764	4506	2141
25°	7085	5236	3471	2915	2792	3260
35°	6063	3542	2353	2204	2191	3771
45°	4357	2334	1823	1920	1972	3345
55°	2502	1532	1409	1564	1616	2259
65°	1176	924	970	1092	1131	1194
75°	459	478	653	769	802	496
85°	78	220	440	569	595	98
90°	0	149	356	485	504	4
95°	0	110	297	407	427	0
105°	0	78	200	284	310	0
115°	6	65	142	207	220	6
125°	6	52	116	149	162	6
135°	6	45	90	116	123	5
145°	6	32	65	90	97	4
155°	6	26	45	65	71	3
165°	6	13	26	32	39	2
175°	13	13	13	13	6	1
180°	6	6	6	6	6	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	7737.5	7737.5	7737.5	7737.5	7737.5
1°	7802.1	7769.8	7685.8	7744.0	7731.0
2°	7795.7	7763.3	7666.4	7692.2	7647.0
3°	7789.2	7744.0	7595.3	7588.8	7524.2
4°	7782.7	7711.6	7504.8	7427.2	7375.5
5°	7776.3	7672.8	7394.9	7252.7	7175.1
6°	7769.8	7627.6	7252.7	7039.4	6929.5
7°	7756.9	7556.5	7104.0	6813.1	6670.9
8°	7744.0	7491.9	6916.6	6567.5	6393.0
9°	7731.0	7407.8	6729.1	6302.5	6095.6
10°	7705.2	7323.8	6535.2	6031.0	5811.2
11°	7692.2	7226.8	6347.7	5772.4	5513.8
12°	7666.4	7123.4	6147.3	5500.9	5274.7
13°	7640.5	7013.5	5901.7	5268.2	4996.7
14°	7614.7	6897.2	5688.4	5009.7	4757.6
15°	7582.3	6774.3	5449.2	4764.0	4505.5
16°	7550.0	6632.1	5235.9	4511.9	4240.4
17°	7517.7	6496.4	5035.5	4279.2	4033.6
18°	7478.9	6360.6	4802.8	4053.0	3813.8
19°	7427.2	6205.5	4615.3	3846.1	3626.3
20°	7382.0	6063.3	4402.0	3652.2	3458.3
21°	7330.3	5888.8	4188.7	3471.2	3277.3
22.5°	7252.7	5643.1	3917.2	3245.0	3064.0
23°	7213.9	5572.0	3807.3	3160.9	3005.8
24°	7162.2	5384.6	3626.3	3031.6	2876.5
25°	7084.6	5235.9	3471.2	2915.3	2792.5
26°	7013.5	5054.9	3316.1	2811.9	2689.1
27°	6942.4	4880.4	3180.3	2702.0	2598.6
28°	6851.9	4699.4	3031.6	2611.5	2521.0
29°	6754.9	4531.3	2908.8	2533.9	2462.8
30°	6658.0	4343.9	2805.4	2462.8	2404.6
32.5°	6386.5	3930.2	2540.4	2327.1	2288.3
35°	6063.3	3542.3	2352.9	2204.2	2191.3
37.5°	5701.3	3186.8	2184.9	2107.3	2120.2
40°	5274.7	2863.6	2042.6	2036.2	2062.0
42.5°	4822.2	2585.6	1932.8	1978.0	2016.8
45°	4356.8	2333.5	1822.9	1919.8	1971.5
47.5°	3872.0	2113.7	1725.9	1848.7	1906.9
50°	3380.7	1900.4	1622.5	1764.7	1822.9
52.5°	2941.2	1713.0	1519.1	1667.7	1732.4
55°	2501.6	1532.0	1409.2	1564.3	1616.0
57.5°	2120.2	1363.9	1292.8	1448.0	1486.7
60°	1764.7	1202.3	1176.5	1318.7	1363.9
62.5°	1441.5	1060.1	1066.6	1202.3	1247.6
65°	1176.5	924.4	969.6	1092.4	1131.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	956.7	795.1	872.6	1001.9	1034.3
70°	756.3	678.7	795.1	911.4	943.8
72.5°	601.2	575.3	717.5	840.3	866.2
75°	458.9	478.3	652.9	769.2	801.5
77.5°	329.7	400.8	588.2	711.0	736.9
80°	232.7	329.7	536.5	659.3	685.2
82.5°	148.7	271.5	484.8	614.1	639.9
85°	77.6	219.8	439.6	568.8	594.7
87.5°	32.3	181.0	394.3	523.6	549.4
90°	0.0	148.7	355.5	484.8	504.2
92.5°	0.0	129.3	323.2	446.0	465.4
95°	0.0	109.9	297.3	407.2	426.6
97.5°	0.0	103.4	265.0	374.9	394.3
100°	0.0	90.5	239.2	342.6	368.5
102.5°	0.0	84.0	219.8	310.3	336.1
105°	0.0	77.6	200.4	284.4	310.3
107.5°	0.0	71.1	187.5	265.0	284.4
110°	0.0	71.1	168.1	245.6	265.0
112.5°	6.5	64.6	155.1	219.8	239.2
115°	6.5	64.6	142.2	206.9	219.8
117.5°	6.5	64.6	135.7	187.5	200.4
120°	6.5	58.2	129.3	174.5	187.5
122.5°	6.5	58.2	122.8	161.6	168.1
125°	6.5	51.7	116.4	148.7	161.6
127.5°	6.5	51.7	109.9	142.2	148.7
130°	6.5	51.7	103.4	129.3	142.2
132.5°	6.5	45.2	97.0	122.8	129.3
135°	6.5	45.2	90.5	116.4	122.8
137.5°	6.5	38.8	84.0	109.9	116.4
140°	6.5	38.8	77.6	103.4	109.9
142.5°	6.5	32.3	71.1	97.0	103.4
145°	6.5	32.3	64.6	90.5	97.0
147.5°	6.5	32.3	58.2	84.0	90.5
150°	6.5	25.9	51.7	77.6	84.0
152.5°	6.5	25.9	45.2	71.1	77.6
155°	6.5	25.9	45.2	64.6	71.1
157.5°	6.5	19.4	38.8	51.7	64.6
160°	6.5	19.4	32.3	45.2	58.2
162.5°	6.5	19.4	32.3	38.8	45.2
165°	6.5	12.9	25.9	32.3	38.8
167.5°	6.5	12.9	19.4	25.9	32.3
170°	6.5	12.9	19.4	19.4	25.9
172.5°	6.5	12.9	12.9	12.9	12.9
175°	12.9	12.9	12.9	12.9	6.5
177.5°	12.9	12.9	12.9	6.5	6.5



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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)