

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: P567360

Luminaire Tested: **8SNX-134SL-LC-UNV-L940-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567360
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2205-663-1)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNX-134SL-LC-UNV-L940-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

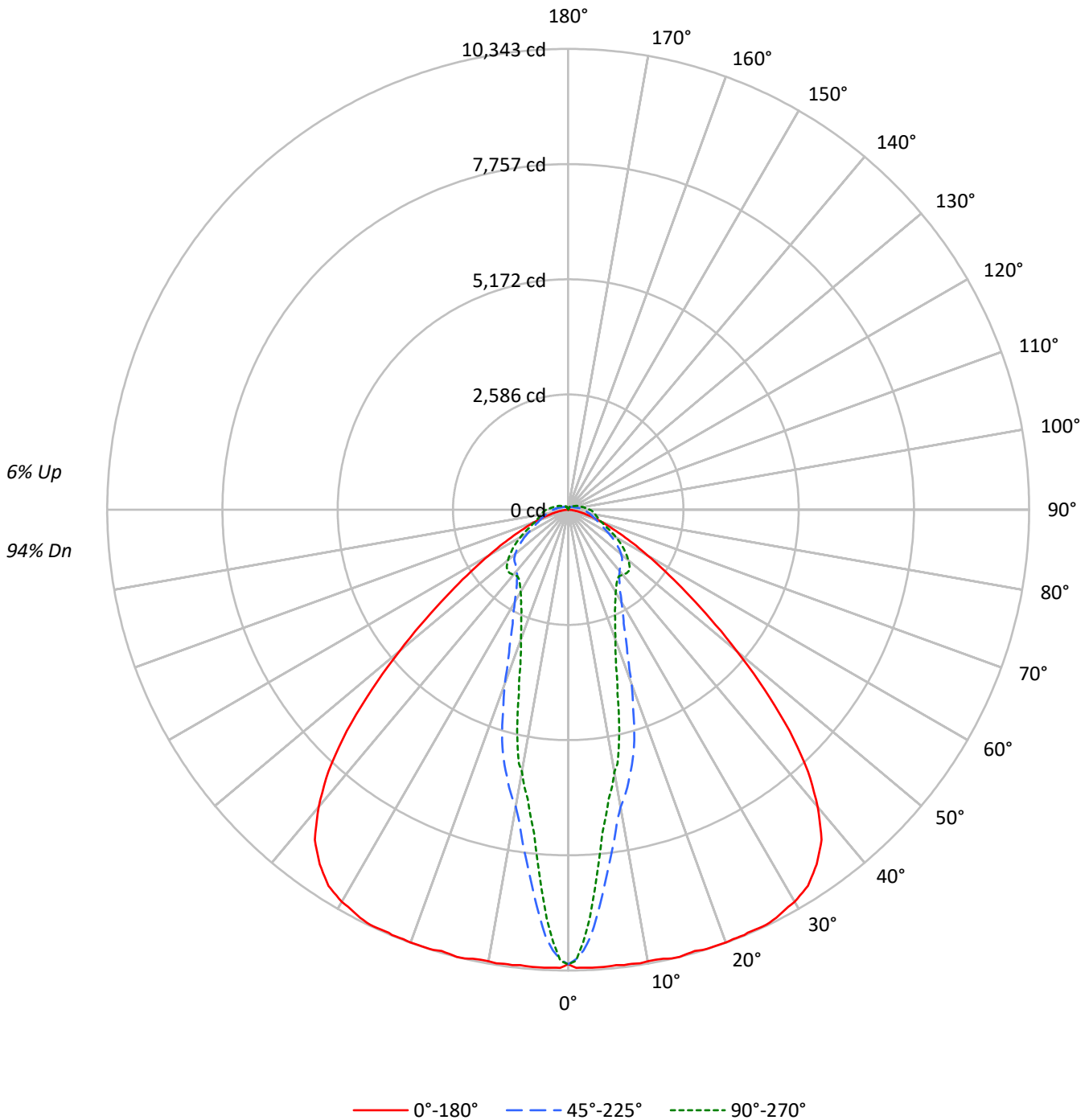
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12575.0 lumens
Efficiency: N/A
Efficacy: 131.3 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
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 (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	50	30	10	0	
RCR																						
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94				
1	108	103	99	96	105	101	97	94	95	92	90	90	88	86	86	84	82	80				
2	99	92	86	80	96	89	84	79	85	80	76	81	77	74	77	74	71	69				
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	70	66	62	60				
4	85	74	66	60	82	72	65	59	69	63	58	66	61	56	63	59	55	53				
5	79	67	59	53	76	66	58	52	63	56	51	60	55	50	58	53	49	47				
6	73	61	53	47	71	60	52	47	58	51	46	56	50	45	53	48	44	42				
7	69	56	48	43	67	55	48	42	53	46	42	51	45	41	50	44	40	38				
8	64	52	44	39	63	51	44	39	49	43	38	48	42	37	46	41	37	35				
9	61	48	41	36	59	47	40	35	46	39	35	44	39	34	43	38	34	32				
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	40	35	31	30				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	54904	54904	54904
5°	55500	45151	40365
10°	56038	34125	29213
15°	57167	27925	20229
20°	58757	20227	14286
25°	60717	14506	11239
30°	62407	11602	9572
35°	62931	9824	8573
40°	60161	8940	8594
45°	52373	8647	8829
50°	40330	8234	8239
55°	29361	7210	7310
60°	21424	6025	6181
65°	15712	5103	5067
70°	11702	4515	4369
75°	8455	4190	4072
80°	5716	3934	4011
85°	2893	3763	4017



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	802.3	6.4
10°-20°	1742.1	13.9
20°-30°	1994.2	15.9
30°-40°	1997.7	15.9
40°-50°	1891.1	15.0
50°-60°	1450.3	11.5
60°-70°	934.8	7.4
70°-80°	596.1	4.7
80°-90°	395.9	3.1
90°-100°	266.1	2.1
100°-110°	175.3	1.4
110°-120°	122.0	1.0
120°-130°	85.1	0.7
130°-140°	59.1	0.5
140°-150°	36.1	0.3
150°-160°	18.3	0.1
160°-170°	7.1	0.1
170°-180°	1.4	0.0
0°-30°	4538.6	36.1
0°-40°	6536.3	52.0
0°-60°	9877.7	78.6
0°-90°	11804.5	93.9
90°-120°	563.4	4.5
90°-150°	743.7	5.9
90°-180°	770.0	6.1
0°-180°	12575.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	10202	10202	10202	10202	10202	
5°	10292	9725	8713	8126	7907	983
15°	10317	7430	5665	4653	4279	2926
25°	10324	5259	2997	2604	2481	4759
35°	9718	2926	2004	1940	1914	6030
45°	7024	1850	1688	1869	1933	5341
55°	3222	1321	1302	1463	1521	2963
65°	1289	831	818	934	967	1326
75°	438	451	567	651	683	482
85°	58	206	400	522	561	80
90°	0	142	335	464	483	3
95°	0	103	277	380	400	0
105°	0	77	180	258	277	4
115°	6	64	135	187	200	6
125°	6	58	116	135	142	6
135°	6	45	90	110	116	5
145°	6	32	64	84	90	4
155°	6	19	39	58	64	3
165°	13	13	26	32	39	3
175°	13	13	13	13	6	1
180°	13	13	13	13	13	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	10201.5	10201.5	10201.5	10201.5	10201.5
1°	10285.2	10227.2	10091.9	10130.6	10124.1
2°	10285.2	10162.8	9898.6	9821.2	9705.2
3°	10291.7	10053.2	9602.1	9350.8	9189.7
4°	10291.7	9892.1	9163.9	8745.0	8538.8
5°	10291.7	9724.6	8712.8	8126.4	7907.3
6°	10278.8	9524.8	8255.2	7636.6	7307.9
7°	10298.1	9305.7	7842.8	7179.0	6921.3
8°	10291.7	9047.9	7462.6	6831.0	6547.5
9°	10311.0	8796.6	7050.1	6502.4	6289.7
10°	10291.7	8564.6	6779.5	6193.0	5973.9
11°	10291.7	8339.0	6586.2	5993.3	5806.4
12°	10304.6	8081.2	6373.5	5709.7	5451.9
13°	10336.8	7817.0	6128.6	5400.4	5097.5
14°	10343.2	7617.3	5903.1	5007.3	4691.5
15°	10317.4	7430.4	5664.6	4652.8	4279.1
16°	10304.6	7237.0	5381.1	4317.7	3982.6
17°	10330.3	7011.5	5058.8	3976.2	3666.9
18°	10336.8	6805.3	4717.3	3718.4	3447.7
19°	10336.8	6644.2	4440.2	3480.0	3248.0
20°	10336.8	6489.5	4156.6	3299.5	3099.7
21°	10323.9	6296.2	3834.4	3112.6	2945.1
22.5°	10330.3	5935.3	3467.1	2893.5	2758.2
23°	10311.0	5845.1	3376.9	2835.5	2693.7
24°	10317.4	5587.3	3183.5	2719.5	2584.2
25°	10323.9	5258.6	2996.6	2603.5	2481.1
26°	10311.0	4994.4	2842.0	2494.0	2410.2
27°	10278.8	4781.7	2732.4	2403.8	2326.4
28°	10233.7	4498.2	2616.4	2326.4	2255.5
29°	10188.6	4176.0	2500.4	2242.6	2191.1
30°	10162.8	3918.2	2390.9	2178.2	2133.1
32.5°	10008.1	3409.1	2165.3	2049.3	2010.6
35°	9718.1	2925.7	2004.2	1939.8	1914.0
37.5°	9337.9	2552.0	1881.8	1868.9	1875.3
40°	8712.8	2255.5	1791.5	1849.5	1907.5
42.5°	7965.3	2023.5	1727.1	1868.9	1933.3
45°	7024.4	1849.5	1688.4	1868.9	1933.3
47.5°	5980.4	1707.8	1643.3	1804.4	1868.9
50°	4936.4	1578.9	1553.1	1707.8	1765.8
52.5°	4014.8	1456.4	1437.1	1585.3	1643.3
55°	3222.2	1321.1	1301.8	1462.9	1520.9
57.5°	2584.2	1192.2	1172.9	1321.1	1379.1
60°	2062.2	1063.3	1031.1	1179.3	1237.3
62.5°	1643.3	940.9	921.5	1050.4	1102.0
65°	1288.9	831.3	818.4	934.4	966.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1018.2	728.2	734.7	831.3	870.0
70°	786.2	631.5	670.2	760.4	786.2
72.5°	592.9	534.9	618.7	696.0	728.2
75°	438.2	451.1	567.1	650.9	683.1
77.5°	302.9	373.8	522.0	612.2	644.4
80°	206.2	302.9	476.9	580.0	618.7
82.5°	122.4	251.3	438.2	547.8	592.9
85°	58.0	206.2	399.6	522.0	560.7
87.5°	19.3	167.6	360.9	496.2	528.4
90°	0.0	141.8	335.1	464.0	483.3
92.5°	0.0	122.4	302.9	425.3	438.2
95°	0.0	103.1	277.1	380.2	399.6
97.5°	0.0	96.7	257.8	341.6	367.3
100°	0.0	90.2	232.0	309.3	335.1
102.5°	0.0	77.3	206.2	277.1	302.9
105°	0.0	77.3	180.4	257.8	277.1
107.5°	6.4	70.9	167.6	232.0	257.8
110°	6.4	70.9	148.2	219.1	238.4
112.5°	6.4	70.9	141.8	199.8	225.6
115°	6.4	64.4	135.3	186.9	199.8
117.5°	6.4	64.4	128.9	167.6	180.4
120°	6.4	58.0	122.4	154.7	161.1
122.5°	6.4	58.0	116.0	141.8	148.2
125°	6.4	58.0	116.0	135.3	141.8
127.5°	6.4	51.6	109.6	128.9	128.9
130°	6.4	51.6	103.1	122.4	122.4
132.5°	6.4	45.1	96.7	116.0	122.4
135°	6.4	45.1	90.2	109.6	116.0
137.5°	6.4	38.7	83.8	103.1	109.6
140°	6.4	38.7	77.3	96.7	103.1
142.5°	6.4	32.2	70.9	90.2	96.7
145°	6.4	32.2	64.4	83.8	90.2
147.5°	6.4	32.2	58.0	77.3	83.8
150°	6.4	25.8	51.6	70.9	77.3
152.5°	6.4	25.8	45.1	64.4	70.9
155°	6.4	19.3	38.7	58.0	64.4
157.5°	6.4	19.3	38.7	51.6	58.0
160°	12.9	19.3	32.2	45.1	51.6
162.5°	6.4	12.9	32.2	38.7	45.1
165°	12.9	12.9	25.8	32.2	38.7
167.5°	12.9	12.9	19.3	25.8	32.2
170°	12.9	12.9	19.3	19.3	25.8
172.5°	12.9	12.9	12.9	19.3	12.9
175°	12.9	12.9	12.9	12.9	6.4
177.5°	12.9	12.9	12.9	12.9	6.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	12.9	12.9	12.9	12.9	12.9

(END OF REPORT)