

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: P567355

Luminaire Tested: **8SNX-134SL-LC-UNV-L835-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567355  
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-L835-CD  
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND LC LENS  
Light Source: -  
Ballast/Driver: -

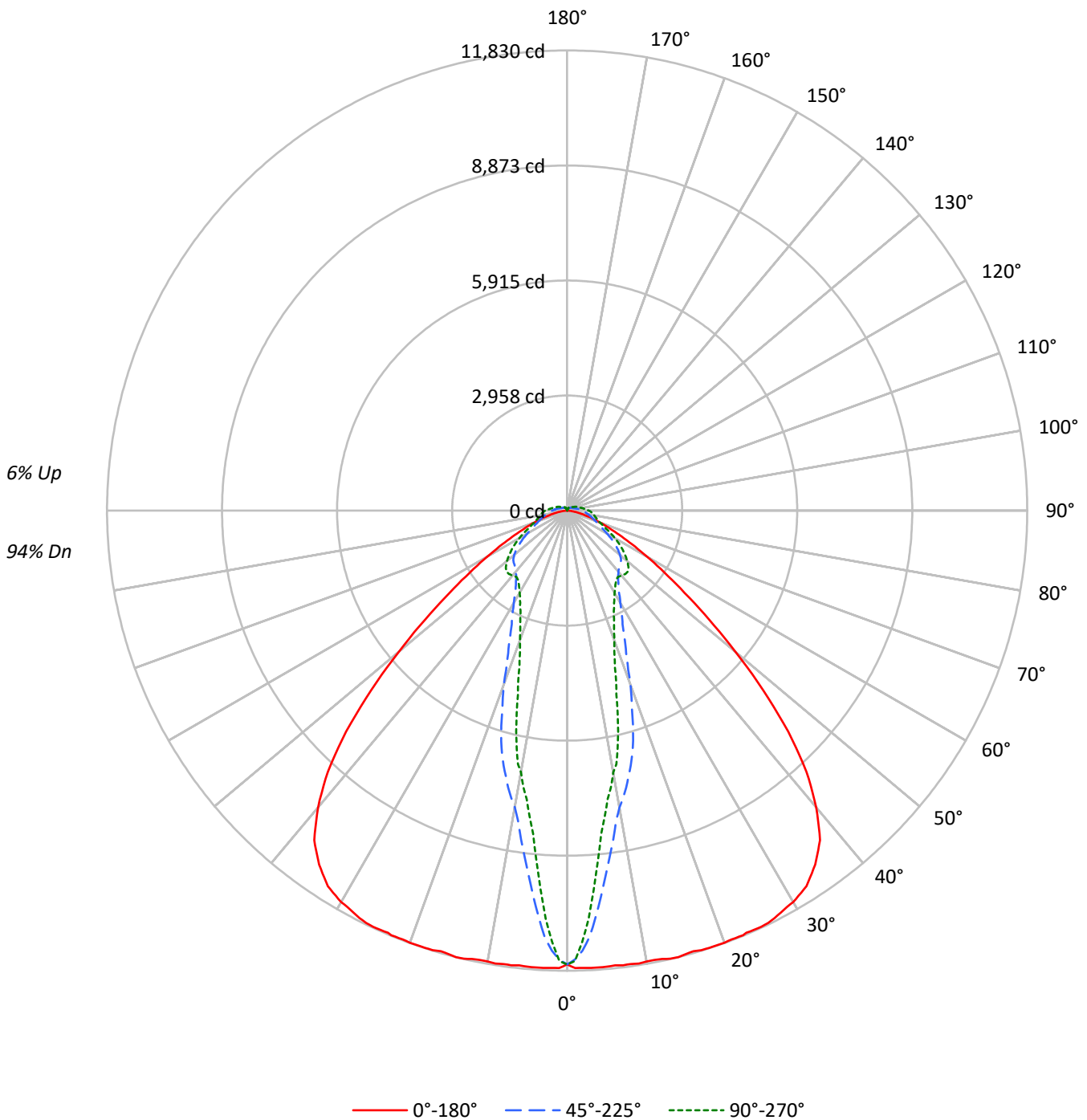
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14382.0 lumens  
Efficiency: N/A  
Efficacy: 150.1 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°	62793	62793	62793
5°	63475	51639	46165
10°	64091	39028	33411
15°	65382	31937	23136
20°	67200	23134	16340
25°	69442	16591	12854
30°	71374	13269	10947
35°	71975	11236	9805
40°	68806	10225	9829
45°	59899	9890	10097
50°	46125	9417	9423
55°	33580	8245	8361
60°	24503	6891	7069
65°	17970	5836	5795
70°	13384	5164	4997
75°	9670	4792	4658
80°	6539	4499	4587
85°	3307	4304	4593



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	917.6	6.4
10°-20°	1992.5	13.9
20°-30°	2280.7	15.9
30°-40°	2284.8	15.9
40°-50°	2162.8	15.0
50°-60°	1658.7	11.5
60°-70°	1069.2	7.4
70°-80°	681.8	4.7
80°-90°	452.7	3.1
90°-100°	304.3	2.1
100°-110°	200.5	1.4
110°-120°	139.5	1.0
120°-130°	97.3	0.7
130°-140°	67.6	0.5
140°-150°	41.4	0.3
150°-160°	21.0	0.1
160°-170°	8.1	0.1
170°-180°	1.6	0.0
0°-30°	5190.7	36.1
0°-40°	7475.5	52.0
0°-60°	11297.1	78.6
0°-90°	13500.8	93.9
90°-120°	644.4	4.5
90°-150°	850.6	5.9
90°-180°	881.0	6.1
0°-180°	14382.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	11667	11667	11667	11667	11667	
5°	11771	11122	9965	9294	9044	###
15°	11800	8498	6479	5321	4894	3347
25°	11807	6014	3427	2978	2838	5443
35°	11115	3346	2292	2218	2189	6896
45°	8034	2115	1931	2137	2211	6108
55°	3685	1511	1489	1673	1739	3389
65°	1474	951	936	1069	1106	1516
75°	501	516	649	744	781	551
85°	66	236	457	597	641	91
90°	0	162	383	531	553	3
95°	0	118	317	435	457	0
105°	0	88	206	295	317	5
115°	7	74	155	214	228	7
125°	7	66	133	155	162	7
135°	7	52	103	125	133	6
145°	7	37	74	96	103	5
155°	7	22	44	66	74	4
165°	15	15	30	37	44	4
175°	15	15	15	15	7	1
180°	15	15	15	15	15	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	11667.4	11667.4	11667.4	11667.4	11667.4
1°	11763.2	11696.9	11542.1	11586.3	11578.9
2°	11763.2	11623.2	11321.0	11232.5	11099.9
3°	11770.6	11497.9	10981.9	10694.5	10510.2
4°	11770.6	11313.6	10480.7	10001.7	9765.8
5°	11770.6	11122.0	9964.8	9294.1	9043.5
6°	11755.8	10893.5	9441.5	8733.9	8358.1
7°	11777.9	10642.9	8969.8	8210.6	7915.8
8°	11770.6	10348.1	8534.9	7812.6	7488.3
9°	11792.7	10060.6	8063.2	7436.8	7193.5
10°	11770.6	9795.3	7753.7	7083.0	6832.4
11°	11770.6	9537.3	7532.6	6854.5	6640.7
12°	11785.3	9242.5	7289.3	6530.2	6235.4
13°	11822.2	8940.3	7009.3	6176.4	5830.0
14°	11829.5	8711.8	6751.3	5726.8	5365.7
15°	11800.0	8498.1	6478.6	5321.4	4894.0
16°	11785.3	8277.0	6154.3	4938.2	4554.9
17°	11814.8	8019.0	5785.8	4547.5	4193.8
18°	11822.2	7783.2	5395.1	4252.7	3943.2
19°	11822.2	7598.9	5078.2	3980.0	3714.7
20°	11822.2	7422.0	4753.9	3773.7	3545.2
21°	11807.4	7200.9	4385.4	3559.9	3368.3
22.5°	11814.8	6788.2	3965.3	3309.3	3154.5
23°	11792.7	6685.0	3862.1	3243.0	3080.8
24°	11800.0	6390.2	3641.0	3110.3	2955.5
25°	11807.4	6014.3	3427.2	2977.7	2837.6
26°	11792.7	5712.1	3250.4	2852.4	2756.5
27°	11755.8	5468.9	3125.1	2749.2	2660.7
28°	11704.2	5144.6	2992.4	2660.7	2579.6
29°	11652.6	4776.0	2859.7	2564.9	2505.9
30°	11623.2	4481.2	2734.4	2491.2	2439.6
32.5°	11446.3	3899.0	2476.5	2343.8	2299.6
35°	11114.6	3346.2	2292.2	2218.5	2189.0
37.5°	10679.7	2918.7	2152.2	2137.4	2144.8
40°	9964.8	2579.6	2049.0	2115.3	2181.6
42.5°	9109.8	2314.3	1975.3	2137.4	2211.1
45°	8033.8	2115.3	1931.1	2137.4	2211.1
47.5°	6839.8	1953.2	1879.5	2063.7	2137.4
50°	5645.7	1805.8	1776.3	1953.2	2019.5
52.5°	4591.8	1665.7	1643.6	1813.1	1879.5
55°	3685.2	1510.9	1488.8	1673.1	1739.4
57.5°	2955.5	1363.5	1341.4	1510.9	1577.3
60°	2358.5	1216.1	1179.3	1348.8	1415.1
62.5°	1879.5	1076.1	1054.0	1201.4	1260.3
65°	1474.1	950.8	936.0	1068.7	1105.6



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1164.5	832.9	840.2	950.8	995.0
70°	899.2	722.3	766.5	869.7	899.2
72.5°	678.1	611.7	707.6	796.0	832.9
75°	501.2	515.9	648.6	744.4	781.3
77.5°	346.4	427.5	597.0	700.2	737.0
80°	235.9	346.4	545.4	663.3	707.6
82.5°	140.0	287.4	501.2	626.5	678.1
85°	66.3	235.9	457.0	597.0	641.2
87.5°	22.1	191.6	412.7	567.5	604.4
90°	0.0	162.1	383.3	530.7	552.8
92.5°	0.0	140.0	346.4	486.4	501.2
95°	0.0	117.9	316.9	434.9	457.0
97.5°	0.0	110.6	294.8	390.6	420.1
100°	0.0	103.2	265.3	353.8	383.3
102.5°	0.0	88.4	235.9	316.9	346.4
105°	0.0	88.4	206.4	294.8	316.9
107.5°	7.4	81.1	191.6	265.3	294.8
110°	7.4	81.1	169.5	250.6	272.7
112.5°	7.4	81.1	162.1	228.5	258.0
115°	7.4	73.7	154.8	213.7	228.5
117.5°	7.4	73.7	147.4	191.6	206.4
120°	7.4	66.3	140.0	176.9	184.3
122.5°	7.4	66.3	132.7	162.1	169.5
125°	7.4	66.3	132.7	154.8	162.1
127.5°	7.4	59.0	125.3	147.4	147.4
130°	7.4	59.0	117.9	140.0	140.0
132.5°	7.4	51.6	110.6	132.7	140.0
135°	7.4	51.6	103.2	125.3	132.7
137.5°	7.4	44.2	95.8	117.9	125.3
140°	7.4	44.2	88.4	110.6	117.9
142.5°	7.4	36.9	81.1	103.2	110.6
145°	7.4	36.9	73.7	95.8	103.2
147.5°	7.4	36.9	66.3	88.4	95.8
150°	7.4	29.5	59.0	81.1	88.4
152.5°	7.4	29.5	51.6	73.7	81.1
155°	7.4	22.1	44.2	66.3	73.7
157.5°	7.4	22.1	44.2	59.0	66.3
160°	14.7	22.1	36.9	51.6	59.0
162.5°	7.4	14.7	36.9	44.2	51.6
165°	14.7	14.7	29.5	36.9	44.2
167.5°	14.7	14.7	22.1	29.5	36.9
170°	14.7	14.7	22.1	22.1	29.5
172.5°	14.7	14.7	14.7	22.1	14.7
175°	14.7	14.7	14.7	14.7	7.4
177.5°	14.7	14.7	14.7	14.7	7.4



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	14.7	14.7	14.7	14.7	14.7

(END OF REPORT)