

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: P567359

Luminaire Tested: **8SNX-134SL-LC-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567359
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-L935-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

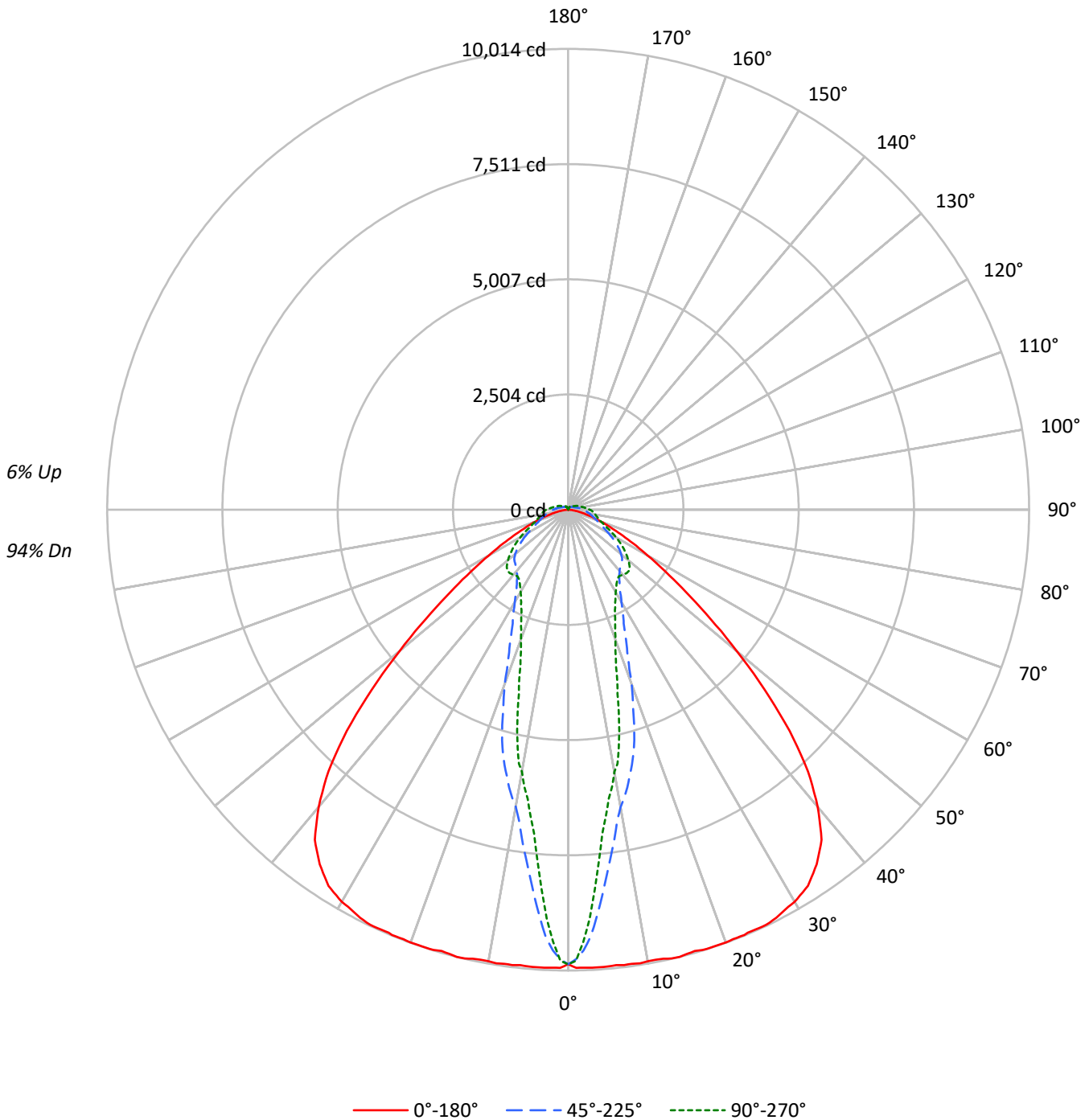
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12175.0 lumens
Efficiency: N/A
Efficacy: 127.1 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°	53158	53158	53158
5°	53734	43715	39081
10°	54255	33039	28284
15°	55350	27036	19585
20°	56888	19584	13832
25°	58786	14045	10882
30°	60421	11233	9267
35°	60930	9511	8300
40°	58248	8655	8321
45°	50707	8372	8548
50°	39048	7972	7977
55°	28427	6980	7078
60°	20743	5834	5985
65°	15212	4940	4905
70°	11330	4372	4230
75°	8186	4057	3943
80°	5535	3809	3883
85°	2803	3643	3888



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	776.8	6.4
10°-20°	1686.7	13.9
20°-30°	1930.7	15.9
30°-40°	1934.2	15.9
40°-50°	1830.9	15.0
50°-60°	1404.2	11.5
60°-70°	905.1	7.4
70°-80°	577.2	4.7
80°-90°	383.3	3.1
90°-100°	257.6	2.1
100°-110°	169.8	1.4
110°-120°	118.1	1.0
120°-130°	82.4	0.7
130°-140°	57.2	0.5
140°-150°	35.0	0.3
150°-160°	17.8	0.1
160°-170°	6.8	0.1
170°-180°	1.3	0.0
0°-30°	4394.2	36.1
0°-40°	6328.4	52.0
0°-60°	9563.5	78.6
0°-90°	11429.0	93.9
90°-120°	545.5	4.5
90°-150°	720.0	5.9
90°-180°	746.0	6.1
0°-180°	12175.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	9877	9877	9877	9877	9877	
5°	9964	9415	8436	7868	7656	951
15°	9989	7194	5484	4505	4143	2833
25°	9996	5091	2901	2521	2402	4608
35°	9409	2833	1940	1878	1853	5838
45°	6801	1791	1635	1809	1872	5171
55°	3120	1279	1260	1416	1472	2869
65°	1248	805	792	905	936	1284
75°	424	437	549	630	661	466
85°	56	200	387	505	543	77
90°	0	137	324	449	468	3
95°	0	100	268	368	387	0
105°	0	75	175	250	268	4
115°	6	62	131	181	193	6
125°	6	56	112	131	137	6
135°	6	44	87	106	112	5
145°	6	31	62	81	87	4
155°	6	19	37	56	62	3
165°	12	12	25	31	37	3
175°	12	12	12	12	6	1
180°	12	12	12	12	12	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	9877.0	9877.0	9877.0	9877.0	9877.0
1°	9958.1	9901.9	9770.9	9808.3	9802.1
2°	9958.1	9839.5	9583.7	9508.8	9396.5
3°	9964.3	9733.4	9296.7	9053.4	8897.4
4°	9964.3	9577.5	8872.4	8466.8	8267.2
5°	9964.3	9415.2	8435.7	7867.9	7655.7
6°	9951.8	9221.8	7992.7	7393.7	7075.5
7°	9970.5	9009.7	7593.3	6950.7	6701.1
8°	9964.3	8760.1	7225.2	6613.8	6339.2
9°	9983.0	8516.8	6825.9	6295.5	6089.6
10°	9964.3	8292.1	6563.8	5996.1	5783.9
11°	9964.3	8073.8	6376.7	5802.6	5621.7
12°	9976.8	7824.2	6170.8	5528.1	5278.5
13°	10008.0	7568.4	5933.7	5228.6	4935.4
14°	10014.2	7375.0	5715.3	4848.0	4542.3
15°	9989.3	7194.0	5484.4	4504.8	4143.0
16°	9976.8	7006.8	5209.9	4180.4	3855.9
17°	10001.7	6788.5	4897.9	3849.7	3550.2
18°	10008.0	6588.8	4567.2	3600.1	3338.1
19°	10008.0	6432.8	4298.9	3369.3	3144.7
20°	10008.0	6283.1	4024.4	3194.6	3001.1
21°	9995.5	6095.9	3712.4	3013.6	2851.4
22.5°	10001.7	5746.5	3356.8	2801.5	2670.5
23°	9983.0	5659.1	3269.4	2745.3	2608.1
24°	9989.3	5409.5	3082.3	2633.0	2502.0
25°	9995.5	5091.3	2901.3	2520.7	2402.2
26°	9983.0	4835.5	2751.6	2414.6	2333.5
27°	9951.8	4629.6	2645.5	2327.3	2252.4
28°	9908.1	4355.1	2533.2	2252.4	2183.8
29°	9864.5	4043.1	2420.9	2171.3	2121.4
30°	9839.5	3793.5	2314.8	2108.9	2065.2
32.5°	9689.8	3300.6	2096.4	1984.1	1946.7
35°	9409.0	2832.7	1940.4	1878.1	1853.1
37.5°	9040.9	2470.8	1821.9	1809.4	1815.7
40°	8435.7	2183.8	1734.5	1790.7	1846.9
42.5°	7711.9	1959.2	1672.2	1809.4	1871.8
45°	6800.9	1790.7	1634.7	1809.4	1871.8
47.5°	5790.2	1653.4	1591.0	1747.0	1809.4
50°	4779.4	1528.6	1503.7	1653.4	1709.6
52.5°	3887.1	1410.1	1391.4	1534.9	1591.0
55°	3119.7	1279.1	1260.4	1416.3	1472.5
57.5°	2502.0	1154.3	1135.6	1279.1	1335.2
60°	1996.6	1029.5	998.3	1141.8	1198.0
62.5°	1591.0	911.0	892.2	1017.0	1066.9
65°	1247.9	804.9	792.4	904.7	935.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	985.8	705.1	711.3	804.9	842.3
70°	761.2	611.5	648.9	736.2	761.2
72.5°	574.0	517.9	599.0	673.9	705.1
75°	424.3	436.8	549.1	630.2	661.4
77.5°	293.3	361.9	505.4	592.7	623.9
80°	199.7	293.3	461.7	561.5	599.0
82.5°	118.5	243.3	424.3	530.3	574.0
85°	56.2	199.7	386.8	505.4	542.8
87.5°	18.7	162.2	349.4	480.4	511.6
90°	0.0	137.3	324.4	449.2	468.0
92.5°	0.0	118.5	293.3	411.8	424.3
95°	0.0	99.8	268.3	368.1	386.8
97.5°	0.0	93.6	249.6	330.7	355.6
100°	0.0	87.4	224.6	299.5	324.4
102.5°	0.0	74.9	199.7	268.3	293.3
105°	0.0	74.9	174.7	249.6	268.3
107.5°	6.2	68.6	162.2	224.6	249.6
110°	6.2	68.6	143.5	212.1	230.9
112.5°	6.2	68.6	137.3	193.4	218.4
115°	6.2	62.4	131.0	180.9	193.4
117.5°	6.2	62.4	124.8	162.2	174.7
120°	6.2	56.2	118.5	149.7	156.0
122.5°	6.2	56.2	112.3	137.3	143.5
125°	6.2	56.2	112.3	131.0	137.3
127.5°	6.2	49.9	106.1	124.8	124.8
130°	6.2	49.9	99.8	118.5	118.5
132.5°	6.2	43.7	93.6	112.3	118.5
135°	6.2	43.7	87.4	106.1	112.3
137.5°	6.2	37.4	81.1	99.8	106.1
140°	6.2	37.4	74.9	93.6	99.8
142.5°	6.2	31.2	68.6	87.4	93.6
145°	6.2	31.2	62.4	81.1	87.4
147.5°	6.2	31.2	56.2	74.9	81.1
150°	6.2	25.0	49.9	68.6	74.9
152.5°	6.2	25.0	43.7	62.4	68.6
155°	6.2	18.7	37.4	56.2	62.4
157.5°	6.2	18.7	37.4	49.9	56.2
160°	12.5	18.7	31.2	43.7	49.9
162.5°	6.2	12.5	31.2	37.4	43.7
165°	12.5	12.5	25.0	31.2	37.4
167.5°	12.5	12.5	18.7	25.0	31.2
170°	12.5	12.5	18.7	18.7	25.0
172.5°	12.5	12.5	12.5	18.7	12.5
175°	12.5	12.5	12.5	12.5	6.2
177.5°	12.5	12.5	12.5	12.5	6.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	12.5	12.5	12.5	12.5	12.5

(END OF REPORT)