

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: P567368

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567368
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-L940-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND LN LENS
Light Source: -
Ballast/Driver: -

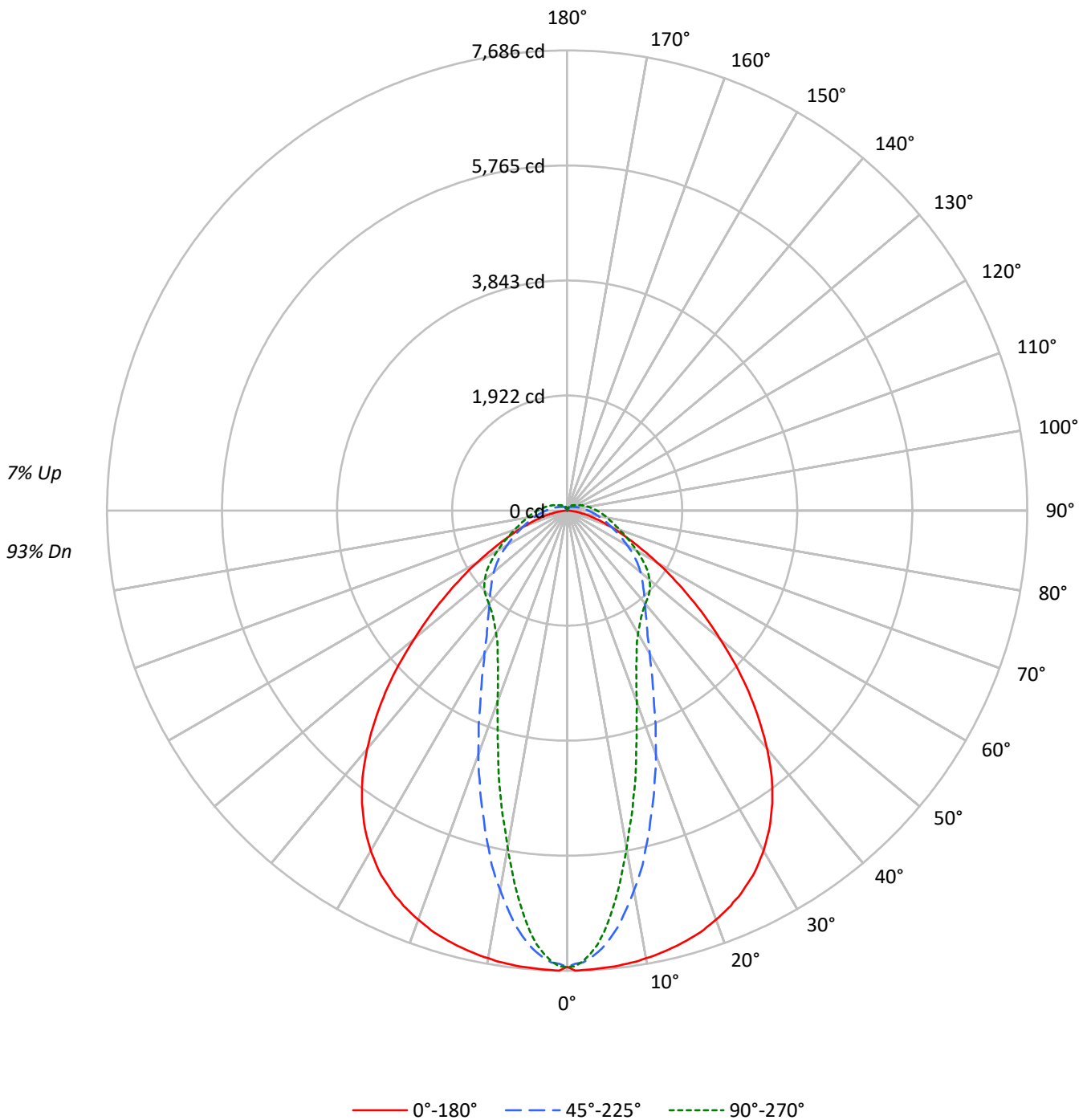
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12150.0 lumens
Efficiency: N/A
Efficacy: 126.8 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 (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	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°	41022	41022	41022
5°	41310	37750	36081
10°	41328	32404	27994
15°	41386	26462	20981
20°	41335	21102	15701
25°	41044	16553	12461
30°	40275	13411	10630
35°	38678	11361	9669
40°	35878	10041	9152
45°	31999	9197	8869
50°	27209	8473	8378
55°	22455	7687	7652
60°	18060	6772	6712
65°	14127	5955	5840
70°	11088	5277	5166
75°	8723	4752	4707
80°	6353	4360	4376
85°	3810	4078	4196



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	675.0	5.6
10°-20°	1582.2	13.0
20°-30°	1878.1	15.5
30°-40°	1889.5	15.6
40°-50°	1756.4	14.5
50°-60°	1446.3	11.9
60°-70°	1019.1	8.4
70°-80°	665.8	5.5
80°-90°	425.1	3.5
90°-100°	278.8	2.3
100°-110°	189.3	1.6
110°-120°	129.7	1.1
120°-130°	89.7	0.7
130°-140°	60.4	0.5
140°-150°	37.2	0.3
150°-160°	19.3	0.2
160°-170°	7.0	0.1
170°-180°	1.2	0.0
0°-30°	4135.2	34.0
0°-40°	6024.7	49.6
0°-60°	9227.4	75.9
0°-90°	11337.4	93.3
90°-120°	597.8	4.9
90°-150°	785.1	6.5
90°-180°	813.0	6.7
0°-180°	12150.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7622	7622	7622	7622	7622	
5°	7660	7558	7285	7144	7068	729
15°	7469	6673	5368	4693	4438	2109
25°	6979	5158	3419	2872	2751	3212
35°	5973	3490	2318	2171	2159	3715
45°	4292	2299	1796	1891	1942	3295
55°	2464	1509	1388	1541	1592	2226
65°	1159	911	955	1076	1114	1176
75°	452	471	643	758	790	489
85°	76	216	433	560	586	96
90°	0	146	350	478	497	4
95°	0	108	293	401	420	0
105°	0	76	197	280	306	0
115°	6	64	140	204	216	6
125°	6	51	115	146	159	6
135°	6	45	89	115	121	5
145°	6	32	64	89	96	4
155°	6	26	45	64	70	3
165°	6	13	26	32	38	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°	7622.1	7622.1	7622.1	7622.1	7622.1
1°	7685.7	7653.9	7571.1	7628.4	7615.7
2°	7679.4	7647.5	7552.0	7577.5	7532.9
3°	7673.0	7628.4	7482.0	7475.6	7411.9
4°	7666.6	7596.6	7392.8	7316.4	7265.5
5°	7660.3	7558.4	7284.6	7144.5	7068.1
6°	7653.9	7513.8	7144.5	6934.4	6826.1
7°	7641.2	7443.8	6998.0	6711.5	6571.4
8°	7628.4	7380.1	6813.4	6469.5	6297.6
9°	7615.7	7297.3	6628.7	6208.4	6004.7
10°	7590.2	7214.5	6437.7	5941.0	5724.5
11°	7577.5	7119.0	6253.0	5686.3	5431.6
12°	7552.0	7017.1	6055.6	5418.9	5196.0
13°	7526.5	6908.9	5813.7	5189.6	4922.2
14°	7501.1	6794.3	5603.5	4934.9	4686.6
15°	7469.2	6673.3	5367.9	4692.9	4438.2
16°	7437.4	6533.2	5157.8	4444.6	4177.2
17°	7405.6	6399.5	4960.4	4215.4	3973.4
18°	7367.4	6265.8	4731.2	3992.5	3756.9
19°	7316.4	6112.9	4546.5	3788.7	3572.2
20°	7271.8	5972.8	4336.4	3597.7	3406.7
21°	7220.9	5800.9	4126.2	3419.4	3228.4
22.5°	7144.5	5558.9	3858.8	3196.6	3018.3
23°	7106.3	5488.9	3750.5	3113.8	2961.0
24°	7055.3	5304.2	3572.2	2986.4	2833.6
25°	6978.9	5157.8	3419.4	2871.8	2750.8
26°	6908.9	4979.5	3266.6	2769.9	2648.9
27°	6838.8	4807.6	3132.9	2661.7	2559.8
28°	6749.7	4629.3	2986.4	2572.5	2483.4
29°	6654.2	4463.7	2865.4	2496.1	2426.1
30°	6558.7	4279.1	2763.6	2426.1	2368.8
32.5°	6291.2	3871.5	2502.5	2292.3	2254.1
35°	5972.8	3489.5	2317.8	2171.4	2158.6
37.5°	5616.3	3139.2	2152.3	2075.8	2088.6
40°	5196.0	2820.9	2012.2	2005.8	2031.3
42.5°	4750.3	2547.1	1903.9	1948.5	1986.7
45°	4291.8	2298.7	1795.7	1891.2	1942.1
47.5°	3814.2	2082.2	1700.2	1821.1	1878.5
50°	3330.3	1872.1	1598.3	1738.4	1795.7
52.5°	2897.3	1687.4	1496.4	1642.8	1706.5
55°	2464.3	1509.1	1388.1	1541.0	1591.9
57.5°	2088.6	1343.6	1273.5	1426.4	1464.6
60°	1738.4	1184.4	1158.9	1299.0	1343.6
62.5°	1420.0	1044.3	1050.7	1184.4	1229.0
65°	1158.9	910.6	955.1	1076.1	1114.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	942.4	783.2	859.6	987.0	1018.8
70°	745.0	668.6	783.2	897.8	929.7
72.5°	592.2	566.7	706.8	827.8	853.3
75°	452.1	471.2	643.1	757.7	789.6
77.5°	324.7	394.8	579.5	700.4	725.9
80°	229.2	324.7	528.5	649.5	675.0
82.5°	146.5	267.4	477.6	604.9	630.4
85°	76.4	216.5	433.0	560.4	585.8
87.5°	31.8	178.3	388.4	515.8	541.2
90°	0.0	146.5	350.2	477.6	496.7
92.5°	0.0	127.4	318.4	439.4	458.5
95°	0.0	108.2	292.9	401.2	420.3
97.5°	0.0	101.9	261.1	369.3	388.4
100°	0.0	89.1	235.6	337.5	363.0
102.5°	0.0	82.8	216.5	305.6	331.1
105°	0.0	76.4	197.4	280.2	305.6
107.5°	0.0	70.0	184.7	261.1	280.2
110°	0.0	70.0	165.6	242.0	261.1
112.5°	6.4	63.7	152.8	216.5	235.6
115°	6.4	63.7	140.1	203.8	216.5
117.5°	6.4	63.7	133.7	184.7	197.4
120°	6.4	57.3	127.4	171.9	184.7
122.5°	6.4	57.3	121.0	159.2	165.6
125°	6.4	50.9	114.6	146.5	159.2
127.5°	6.4	50.9	108.2	140.1	146.5
130°	6.4	50.9	101.9	127.4	140.1
132.5°	6.4	44.6	95.5	121.0	127.4
135°	6.4	44.6	89.1	114.6	121.0
137.5°	6.4	38.2	82.8	108.2	114.6
140°	6.4	38.2	76.4	101.9	108.2
142.5°	6.4	31.8	70.0	95.5	101.9
145°	6.4	31.8	63.7	89.1	95.5
147.5°	6.4	31.8	57.3	82.8	89.1
150°	6.4	25.5	50.9	76.4	82.8
152.5°	6.4	25.5	44.6	70.0	76.4
155°	6.4	25.5	44.6	63.7	70.0
157.5°	6.4	19.1	38.2	50.9	63.7
160°	6.4	19.1	31.8	44.6	57.3
162.5°	6.4	19.1	31.8	38.2	44.6
165°	6.4	12.7	25.5	31.8	38.2
167.5°	6.4	12.7	19.1	25.5	31.8
170°	6.4	12.7	19.1	19.1	25.5
172.5°	6.4	12.7	12.7	12.7	12.7
175°	12.7	12.7	12.7	12.7	6.4
177.5°	12.7	12.7	12.7	6.4	6.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	6.4	6.4	6.4	6.4	6.4

(END OF REPORT)