

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: P567367

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567367
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-L935-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND LN LENS
Light Source: -
Ballast/Driver: -

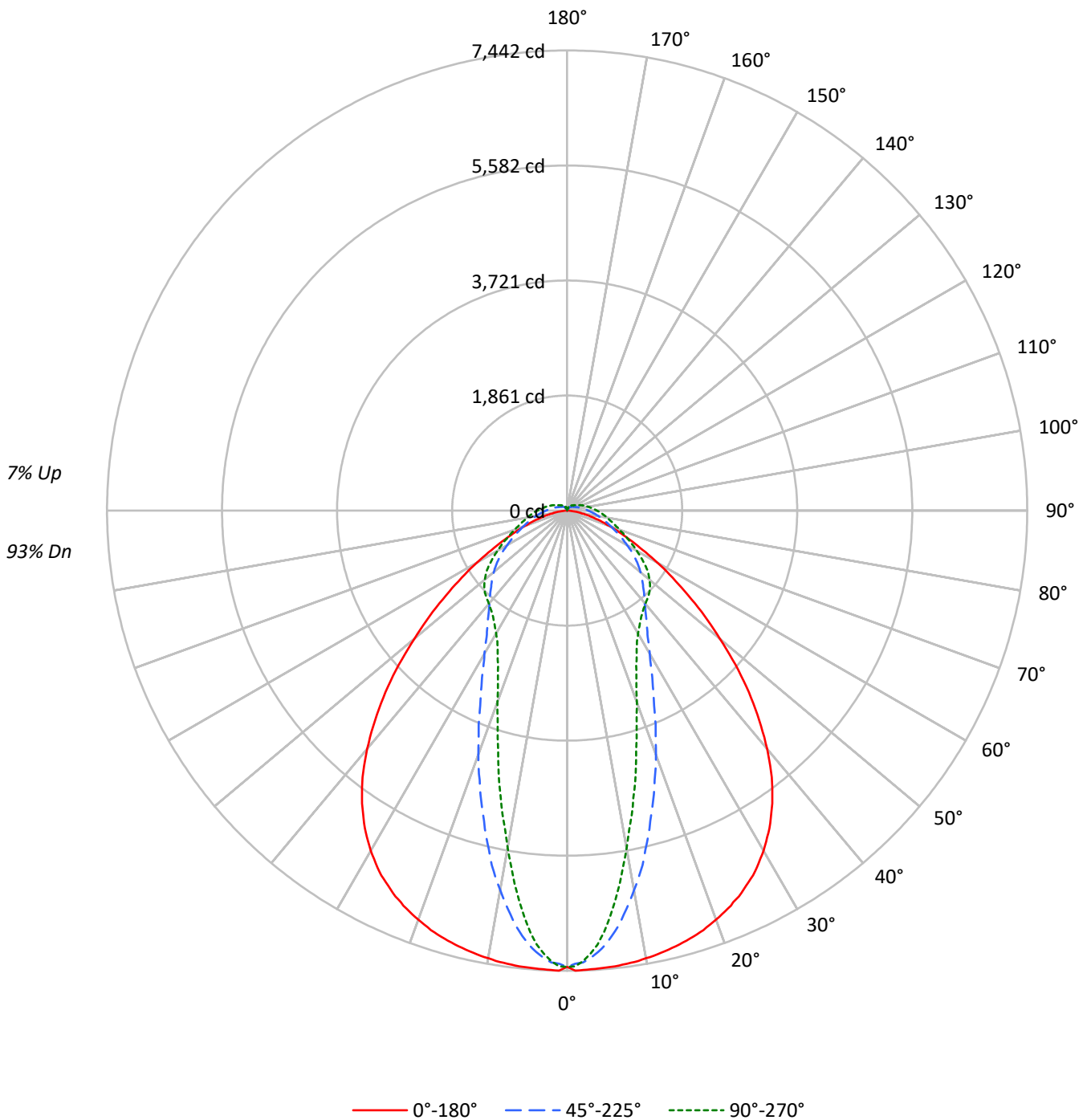
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11764.0 lumens
Efficiency: N/A
Efficacy: 122.8 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 (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					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°	39718	39718	39718
5°	39997	36550	34934
10°	40016	31375	27104
15°	40071	25621	20314
20°	40022	20432	15203
25°	39740	16027	12065
30°	38995	12984	10292
35°	37450	11000	9362
40°	34738	9722	8861
45°	30982	8904	8587
50°	26344	8204	8112
55°	21741	7443	7408
60°	17486	6557	6499
65°	13679	5766	5655
70°	10736	5109	5002
75°	8445	4601	4558
80°	6153	4221	4236
85°	3691	3948	4063



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	653.5	5.6
10°-20°	1531.9	13.0
20°-30°	1818.4	15.5
30°-40°	1829.5	15.6
40°-50°	1700.6	14.5
50°-60°	1400.3	11.9
60°-70°	986.7	8.4
70°-80°	644.7	5.5
80°-90°	411.6	3.5
90°-100°	269.9	2.3
100°-110°	183.2	1.6
110°-120°	125.6	1.1
120°-130°	86.9	0.7
130°-140°	58.5	0.5
140°-150°	36.0	0.3
150°-160°	18.7	0.2
160°-170°	6.8	0.1
170°-180°	1.2	0.0
0°-30°	4003.8	34.0
0°-40°	5833.3	49.6
0°-60°	8934.2	75.9
0°-90°	10977.2	93.3
90°-120°	578.8	4.9
90°-150°	760.2	6.5
90°-180°	787.0	6.7
0°-180°	11764.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7380	7380	7380	7380	7380	
5°	7417	7318	7053	6918	6844	706
15°	7232	6461	5197	4544	4297	2042
25°	6757	4994	3311	2781	2663	3110
35°	5783	3379	2244	2102	2090	3597
45°	4155	2226	1739	1831	1880	3190
55°	2386	1461	1344	1492	1541	2155
65°	1122	882	925	1042	1079	1138
75°	438	456	623	734	764	473
85°	74	210	419	542	567	93
90°	0	142	339	462	481	4
95°	0	105	284	388	407	0
105°	0	74	191	271	296	0
115°	6	62	136	197	210	5
125°	6	49	111	142	154	6
135°	6	43	86	111	117	5
145°	6	31	62	86	92	4
155°	6	25	43	62	68	3
165°	6	12	25	31	37	2
175°	12	12	12	12	6	1
180°	6	6	6	6	6	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	7379.9	7379.9	7379.9	7379.9	7379.9
1°	7441.6	7410.7	7330.6	7386.1	7373.7
2°	7435.4	7404.6	7312.1	7336.8	7293.6
3°	7429.2	7386.1	7244.3	7238.1	7176.5
4°	7423.1	7355.2	7158.0	7084.0	7034.7
5°	7416.9	7318.3	7053.1	6917.5	6843.5
6°	7410.7	7275.1	6917.5	6714.1	6609.2
7°	7398.4	7207.3	6775.7	6498.3	6362.6
8°	7386.1	7145.6	6596.9	6264.0	6097.5
9°	7373.7	7065.5	6418.1	6011.2	5813.9
10°	7349.1	6985.3	6233.2	5752.3	5542.6
11°	7336.8	6892.8	6054.4	5505.6	5259.0
12°	7312.1	6794.2	5863.2	5246.7	5030.9
13°	7287.4	6689.4	5629.0	5024.8	4765.8
14°	7262.8	6578.4	5425.5	4778.1	4537.7
15°	7231.9	6461.3	5197.4	4543.9	4297.2
16°	7201.1	6325.6	4993.9	4303.4	4044.5
17°	7170.3	6196.2	4802.8	4081.5	3847.2
18°	7133.3	6066.7	4580.8	3865.7	3637.5
19°	7084.0	5918.7	4402.1	3668.4	3458.8
20°	7040.8	5783.1	4198.6	3483.4	3298.5
21°	6991.5	5616.6	3995.1	3310.8	3125.8
22.5°	6917.5	5382.3	3736.2	3095.0	2922.4
23°	6880.5	5314.5	3631.4	3014.9	2866.9
24°	6831.2	5135.7	3458.8	2891.5	2743.6
25°	6757.2	4993.9	3310.8	2780.6	2663.4
26°	6689.4	4821.3	3162.8	2681.9	2564.8
27°	6621.6	4654.8	3033.3	2577.1	2478.5
28°	6535.3	4482.2	2891.5	2490.8	2404.5
29°	6442.8	4321.9	2774.4	2416.8	2349.0
30°	6350.3	4143.1	2675.8	2349.0	2293.5
32.5°	6091.4	3748.5	2423.0	2219.5	2182.5
35°	5783.1	3378.6	2244.2	2102.4	2090.0
37.5°	5437.8	3039.5	2083.9	2009.9	2022.2
40°	5030.9	2731.2	1948.2	1942.1	1966.7
42.5°	4599.3	2466.1	1843.4	1886.6	1923.6
45°	4155.4	2225.7	1738.6	1831.1	1880.4
47.5°	3693.0	2016.1	1646.1	1763.3	1818.8
50°	3224.5	1812.6	1547.5	1683.1	1738.6
52.5°	2805.2	1633.8	1448.9	1590.7	1652.3
55°	2386.0	1461.2	1344.0	1492.0	1541.3
57.5°	2022.2	1300.9	1233.1	1381.0	1418.0
60°	1683.1	1146.8	1122.1	1257.7	1300.9
62.5°	1374.9	1011.1	1017.3	1146.8	1189.9
65°	1122.1	881.6	924.8	1041.9	1078.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	912.5	758.3	832.3	955.6	986.5
70°	721.3	647.4	758.3	869.3	900.1
72.5°	573.4	548.7	684.4	801.5	826.2
75°	437.7	456.2	622.7	733.7	764.5
77.5°	314.4	382.3	561.0	678.2	702.8
80°	222.0	314.4	511.7	628.9	653.5
82.5°	141.8	258.9	462.4	585.7	610.4
85°	74.0	209.6	419.2	542.5	567.2
87.5°	30.8	172.6	376.1	499.4	524.1
90°	0.0	141.8	339.1	462.4	480.9
92.5°	0.0	123.3	308.3	425.4	443.9
95°	0.0	104.8	283.6	388.4	406.9
97.5°	0.0	98.6	252.8	357.6	376.1
100°	0.0	86.3	228.1	326.8	351.4
102.5°	0.0	80.1	209.6	295.9	320.6
105°	0.0	74.0	191.1	271.3	295.9
107.5°	0.0	67.8	178.8	252.8	271.3
110°	0.0	67.8	160.3	234.3	252.8
112.5°	6.2	61.7	148.0	209.6	228.1
115°	6.2	61.7	135.6	197.3	209.6
117.5°	6.2	61.7	129.5	178.8	191.1
120°	6.2	55.5	123.3	166.5	178.8
122.5°	6.2	55.5	117.1	154.1	160.3
125°	6.2	49.3	111.0	141.8	154.1
127.5°	6.2	49.3	104.8	135.6	141.8
130°	6.2	49.3	98.6	123.3	135.6
132.5°	6.2	43.2	92.5	117.1	123.3
135°	6.2	43.2	86.3	111.0	117.1
137.5°	6.2	37.0	80.1	104.8	111.0
140°	6.2	37.0	74.0	98.6	104.8
142.5°	6.2	30.8	67.8	92.5	98.6
145°	6.2	30.8	61.7	86.3	92.5
147.5°	6.2	30.8	55.5	80.1	86.3
150°	6.2	24.7	49.3	74.0	80.1
152.5°	6.2	24.7	43.2	67.8	74.0
155°	6.2	24.7	43.2	61.7	67.8
157.5°	6.2	18.5	37.0	49.3	61.7
160°	6.2	18.5	30.8	43.2	55.5
162.5°	6.2	18.5	30.8	37.0	43.2
165°	6.2	12.3	24.7	30.8	37.0
167.5°	6.2	12.3	18.5	24.7	30.8
170°	6.2	12.3	18.5	18.5	24.7
172.5°	6.2	12.3	12.3	12.3	12.3
175°	12.3	12.3	12.3	12.3	6.2
177.5°	12.3	12.3	12.3	6.2	6.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	6.2	6.2	6.2	6.2	6.2

(END OF REPORT)