

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: P567361

Luminaire Tested: **8SNX-134SL-LC-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567361
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-L950-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

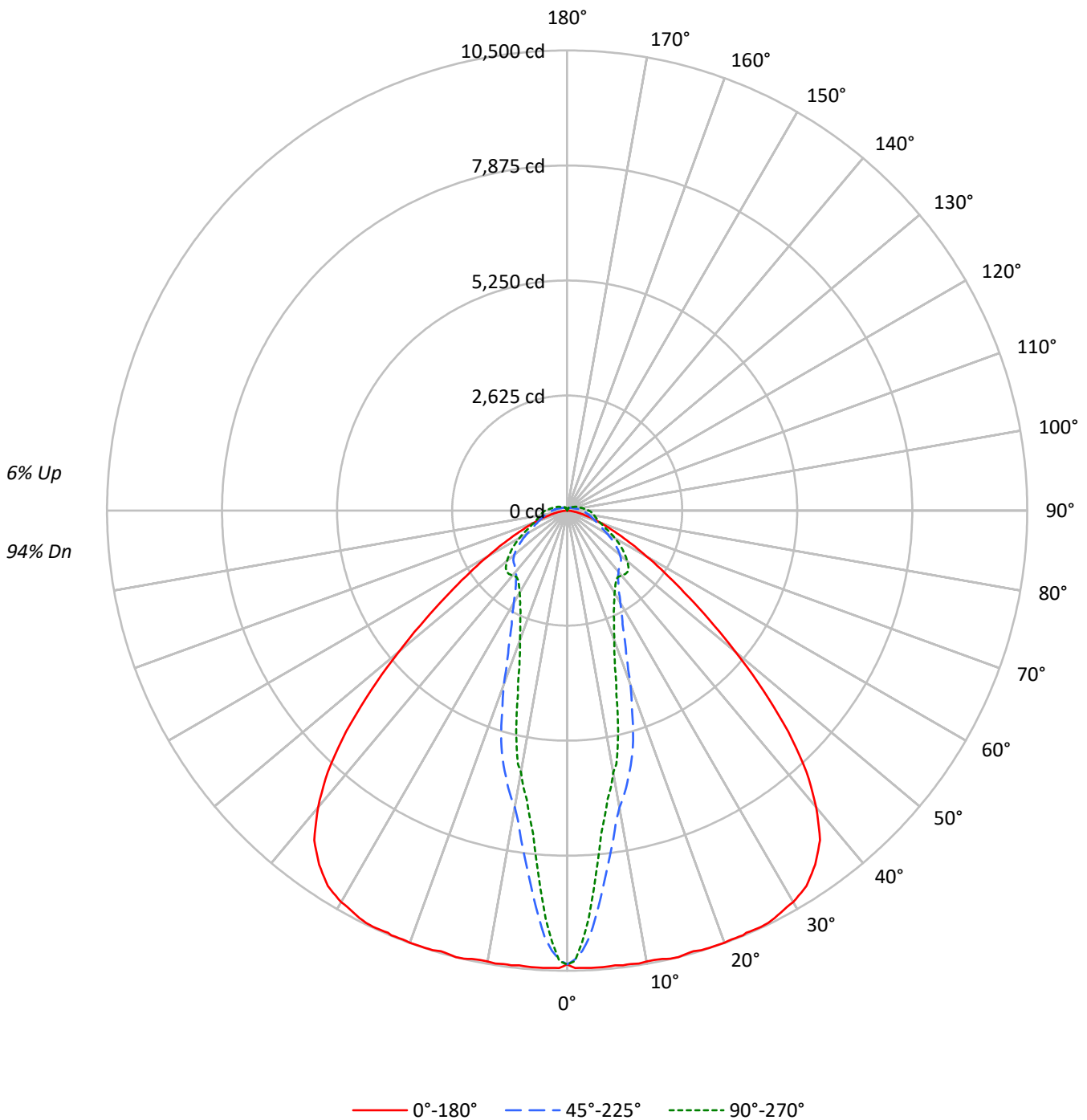
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12765.0 lumens
Efficiency: N/A
Efficacy: 133.2 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

TEST NUMBER: P567361
CATALOG NUMBER: 8SNX-134SL-LC-UNV-L950-CD

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°	55733	55733	55733
5°	56338	45833	40974
10°	56885	34640	29655
15°	58031	28347	20534
20°	59645	20533	14503
25°	61634	14726	11409
30°	63349	11777	9716
35°	63883	9972	8703
40°	61070	9075	8724
45°	53164	8778	8962
50°	40940	8358	8363
55°	29805	7318	7421
60°	21748	6116	6274
65°	15948	5180	5143
70°	11879	4583	4435
75°	8582	4254	4134
80°	5801	3994	4071
85°	2938	3820	4077



TEST NUMBER: P567361

CATALOG NUMBER: 8SNX-134SL-LC-UNV-L950-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	814.4	6.4
10°-20°	1768.5	13.9
20°-30°	2024.3	15.9
30°-40°	2027.9	15.9
40°-50°	1919.7	15.0
50°-60°	1472.2	11.5
60°-70°	949.0	7.4
70°-80°	605.1	4.7
80°-90°	401.8	3.1
90°-100°	270.1	2.1
100°-110°	178.0	1.4
110°-120°	123.8	1.0
120°-130°	86.4	0.7
130°-140°	60.0	0.5
140°-150°	36.7	0.3
150°-160°	18.6	0.1
160°-170°	7.2	0.1
170°-180°	1.4	0.0
0°-30°	4607.1	36.1
0°-40°	6635.0	52.0
0°-60°	10026.9	78.6
0°-90°	11982.9	93.9
90°-120°	571.9	4.5
90°-150°	755.0	5.9
90°-180°	782.0	6.1
0°-180°	12765.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	10356	10356	10356	10356	10356	
5°	10447	9872	8844	8249	8027	997
15°	10473	7543	5750	4723	4344	2971
25°	10480	5338	3042	2643	2519	4831
35°	9865	2970	2034	1969	1943	6121
45°	7130	1878	1714	1897	1962	5421
55°	3271	1341	1321	1485	1544	3008
65°	1308	844	831	949	981	1346
75°	445	458	576	661	693	489
85°	59	209	406	530	569	81
90°	0	144	340	471	491	3
95°	0	105	281	386	406	0
105°	0	78	183	262	281	4
115°	6	65	137	190	203	6
125°	6	59	118	137	144	6
135°	6	46	92	111	118	5
145°	6	33	65	85	92	4
155°	6	20	39	59	65	3
165°	13	13	26	33	39	3
175°	13	13	13	13	6	1
180°	13	13	13	13	13	



TEST NUMBER: P567361

CATALOG NUMBER: 8SNX-134SL-LC-UNV-L950-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	10355.6	10355.6	10355.6	10355.6	10355.6
1°	10440.6	10381.8	10244.4	10283.6	10277.1
2°	10440.6	10316.3	10048.1	9969.6	9851.9
3°	10447.2	10205.1	9747.2	9492.1	9328.5
4°	10447.2	10041.6	9302.4	8877.2	8667.8
5°	10447.2	9871.5	8844.4	8249.1	8026.7
6°	10434.1	9668.7	8380.0	7752.0	7418.3
7°	10453.7	9446.3	7961.3	7287.5	7025.8
8°	10447.2	9184.6	7575.3	6934.3	6646.4
9°	10466.8	8929.5	7156.7	6600.6	6384.7
10°	10447.2	8694.0	6881.9	6286.6	6064.2
11°	10447.2	8465.0	6685.7	6083.8	5894.1
12°	10460.3	8203.4	6469.8	5796.0	5534.3
13°	10493.0	7935.1	6221.2	5482.0	5174.5
14°	10499.5	7732.3	5992.2	5082.9	4762.4
15°	10473.3	7542.6	5750.2	4723.1	4343.7
16°	10460.3	7346.4	5462.4	4383.0	4042.8
17°	10486.4	7117.4	5135.3	4036.3	3722.3
18°	10493.0	6908.1	4788.6	3774.6	3499.8
19°	10493.0	6744.5	4507.3	3532.5	3297.0
20°	10493.0	6587.5	4219.4	3349.4	3146.6
21°	10479.9	6391.3	3892.3	3159.7	2989.6
22.5°	10486.4	6025.0	3519.5	2937.2	2799.9
23°	10466.8	5933.4	3427.9	2878.4	2734.5
24°	10473.3	5671.7	3231.6	2760.6	2623.2
25°	10479.9	5338.1	3041.9	2642.9	2518.6
26°	10466.8	5069.9	2884.9	2531.7	2446.6
27°	10434.1	4854.0	2773.7	2440.1	2361.6
28°	10388.3	4566.1	2655.9	2361.6	2289.6
29°	10342.5	4239.1	2538.2	2276.5	2224.2
30°	10316.3	3977.4	2427.0	2211.1	2165.3
32.5°	10159.3	3460.6	2198.0	2080.3	2041.0
35°	9865.0	2970.0	2034.5	1969.1	1942.9
37.5°	9479.0	2590.5	1910.2	1897.1	1903.6
40°	8844.4	2289.6	1818.6	1877.5	1936.4
42.5°	8085.6	2054.1	1753.2	1897.1	1962.5
45°	7130.5	1877.5	1713.9	1897.1	1962.5
47.5°	6070.7	1733.6	1668.1	1831.7	1897.1
50°	5011.0	1602.7	1576.6	1733.6	1792.4
52.5°	4075.5	1478.4	1458.8	1609.3	1668.1
55°	3270.9	1341.1	1321.4	1485.0	1543.9
57.5°	2623.2	1210.2	1190.6	1341.1	1399.9
60°	2093.4	1079.4	1046.7	1197.1	1256.0
62.5°	1668.1	955.1	935.5	1066.3	1118.6
65°	1308.3	843.9	830.8	948.6	981.3



TEST NUMBER: P567361

CATALOG NUMBER: 8SNX-134SL-LC-UNV-L950-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1033.6	739.2	745.8	843.9	883.1
70°	798.1	641.1	680.3	771.9	798.1
72.5°	601.8	543.0	628.0	706.5	739.2
75°	444.8	457.9	575.7	660.7	693.4
77.5°	307.5	379.4	529.9	621.5	654.2
80°	209.3	307.5	484.1	588.8	628.0
82.5°	124.3	255.1	444.8	556.0	601.8
85°	58.9	209.3	405.6	529.9	569.1
87.5°	19.6	170.1	366.3	503.7	536.4
90°	0.0	143.9	340.2	471.0	490.6
92.5°	0.0	124.3	307.5	431.8	444.8
95°	0.0	104.7	281.3	386.0	405.6
97.5°	0.0	98.1	261.7	346.7	372.9
100°	0.0	91.6	235.5	314.0	340.2
102.5°	0.0	78.5	209.3	281.3	307.5
105°	0.0	78.5	183.2	261.7	281.3
107.5°	6.5	72.0	170.1	235.5	261.7
110°	6.5	72.0	150.5	222.4	242.0
112.5°	6.5	72.0	143.9	202.8	229.0
115°	6.5	65.4	137.4	189.7	202.8
117.5°	6.5	65.4	130.8	170.1	183.2
120°	6.5	58.9	124.3	157.0	163.5
122.5°	6.5	58.9	117.8	143.9	150.5
125°	6.5	58.9	117.8	137.4	143.9
127.5°	6.5	52.3	111.2	130.8	130.8
130°	6.5	52.3	104.7	124.3	124.3
132.5°	6.5	45.8	98.1	117.8	124.3
135°	6.5	45.8	91.6	111.2	117.8
137.5°	6.5	39.3	85.0	104.7	111.2
140°	6.5	39.3	78.5	98.1	104.7
142.5°	6.5	32.7	72.0	91.6	98.1
145°	6.5	32.7	65.4	85.0	91.6
147.5°	6.5	32.7	58.9	78.5	85.0
150°	6.5	26.2	52.3	72.0	78.5
152.5°	6.5	26.2	45.8	65.4	72.0
155°	6.5	19.6	39.3	58.9	65.4
157.5°	6.5	19.6	39.3	52.3	58.9
160°	13.1	19.6	32.7	45.8	52.3
162.5°	6.5	13.1	32.7	39.3	45.8
165°	13.1	13.1	26.2	32.7	39.3
167.5°	13.1	13.1	19.6	26.2	32.7
170°	13.1	13.1	19.6	19.6	26.2
172.5°	13.1	13.1	13.1	19.6	13.1
175°	13.1	13.1	13.1	13.1	6.5
177.5°	13.1	13.1	13.1	13.1	6.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	13.1	13.1	13.1	13.1	13.1

(END OF REPORT)