

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: P567385

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

Issue Date: 9/15/2022



**Test Information**

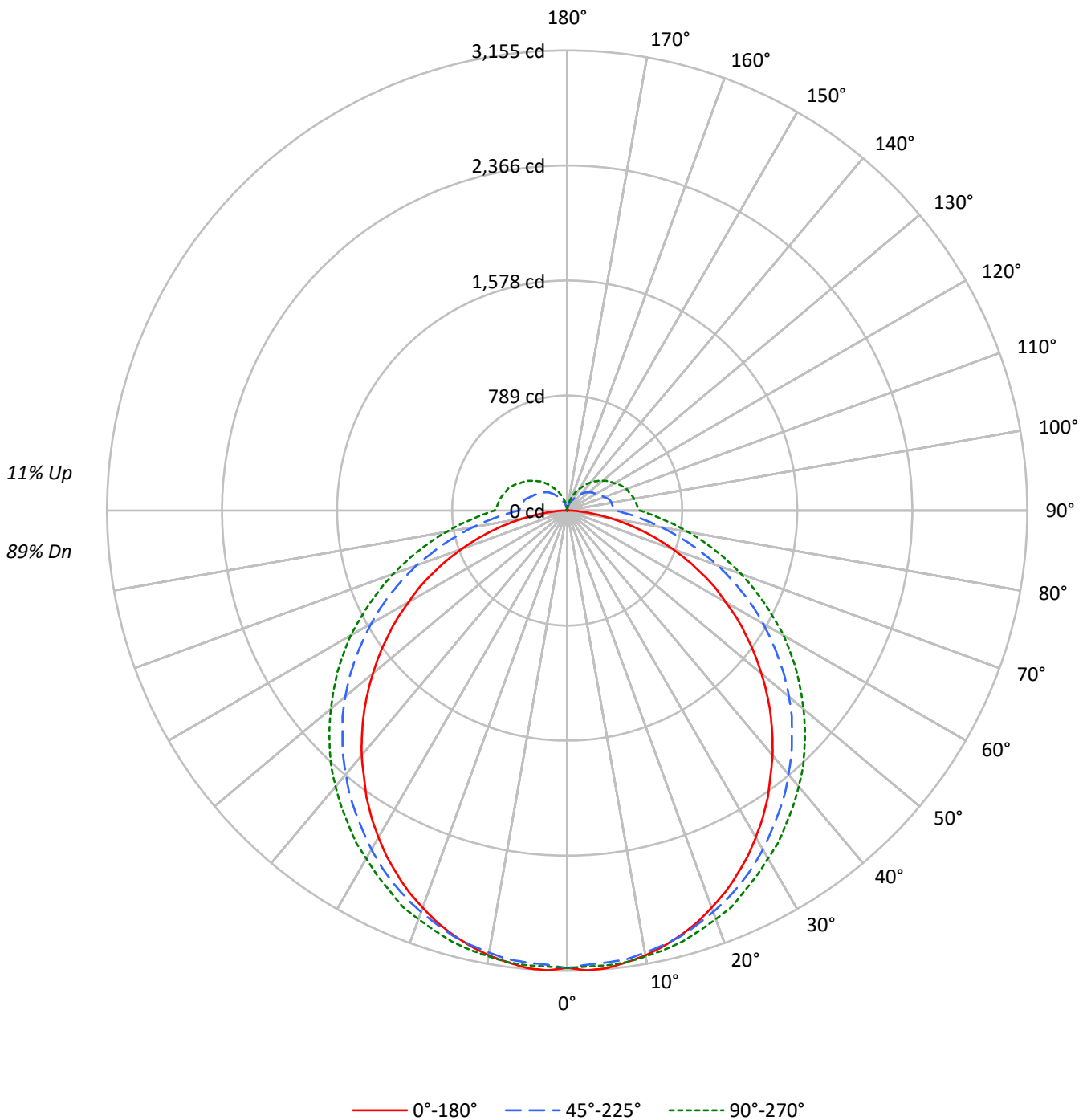
Test Method: LM-79-08  
Report Number: P567385  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 8SNX-134SL-SLW-UNV-L950-CD  
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND SLW LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11164.1 lumens  
Efficiency: N/A  
Efficacy: 116.5 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.08')  
CIE Type: Semi-Direct  
  
Input Watts (W): 95.8  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	0
RCR																		
0	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	100	95	90	101	96	92	88	90	86	83	84	81	79	79	76	74	71
2	95	86	79	73	91	83	76	71	78	72	68	73	68	64	68	65	61	58
3	86	75	67	60	83	73	65	59	68	61	56	64	58	54	60	55	51	49
4	79	66	57	50	75	64	56	49	60	53	47	57	50	46	53	48	44	41
5	72	59	50	43	69	57	49	42	54	46	41	51	44	39	48	42	38	35
6	67	53	44	37	64	51	43	37	48	41	35	46	39	34	43	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	39	34	29	27
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	30	26	24
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	24	22
10	50	37	29	24	48	36	28	23	34	27	23	32	26	22	31	25	21	20

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	16878	16878	16878
5°	16997	16454	16430
10°	16895	16132	16024
15°	16742	15800	15649
20°	16529	15417	15232
25°	16278	15043	14796
30°	15978	14631	14365
35°	15647	14203	13960
40°	15267	13782	13572
45°	14856	13352	13153
50°	14385	12899	12685
55°	13870	12353	12224
60°	13264	11769	11710
65°	12647	11111	11063
70°	11773	10388	10429
75°	10614	9465	9728
80°	8705	8530	9037
85°	6426	7737	8327



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	297.9	2.7
10°-20°	856.2	7.7
20°-30°	1301.8	11.7
30°-40°	1580.3	14.2
40°-50°	1669.9	15.0
50°-60°	1562.6	14.0
60°-70°	1282.1	11.5
70°-80°	881.9	7.9
80°-90°	482.9	4.3
90°-100°	311.0	2.8
100°-110°	279.1	2.5
110°-120°	231.0	2.1
120°-130°	177.9	1.6
130°-140°	125.0	1.1
140°-150°	75.3	0.7
150°-160°	36.1	0.3
160°-170°	11.8	0.1
170°-180°	1.4	0.0
0°-30°	2455.8	22.0
0°-40°	4036.1	36.2
0°-60°	7268.6	65.1
0°-90°	9915.5	88.8
90°-120°	821.0	7.4
90°-150°	1199.2	10.7
90°-180°	1249.0	11.2
0°-180°	11164.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3136	3136	3136	3136	3136	
5°	3149	3142	3110	3136	3130	299
15°	3013	3026	3020	3058	3058	850
25°	2754	2787	2819	2877	2877	1269
35°	2399	2457	2528	2599	2619	1499
45°	1972	2063	2179	2276	2302	1520
55°	1500	1623	1772	1882	1920	1342
65°	1015	1151	1326	1448	1487	1005
75°	530	672	866	1002	1048	558
85°	116	278	472	601	647	134
90°	0	155	330	453	498	8
95°	0	149	317	433	478	0
105°	0	123	297	407	446	4
115°	6	110	252	362	407	6
125°	6	90	213	310	349	6
135°	6	71	175	252	284	5
145°	6	52	123	194	213	4
155°	6	32	78	123	142	3
165°	6	19	39	58	71	2
175°	6	6	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°	3136.0	3136.0	3136.0	3136.0	3136.0
2.5°	3155.4	3148.9	3116.6	3142.5	3129.5
5°	3148.9	3142.5	3110.1	3136.0	3129.5
7.5°	3123.1	3123.1	3103.7	3129.5	3123.1
10°	3097.2	3097.2	3077.8	3110.1	3103.7
12.5°	3058.4	3064.9	3051.9	3090.7	3084.3
15°	3013.1	3026.1	3019.6	3058.4	3058.4
17.5°	2961.4	2974.3	2974.3	3019.6	3019.6
20°	2896.8	2916.2	2929.1	2980.8	2980.8
22.5°	2832.1	2858.0	2877.4	2922.6	2942.0
25°	2754.5	2786.8	2819.2	2877.4	2877.4
27.5°	2676.9	2715.7	2754.5	2812.7	2819.2
30°	2586.4	2631.6	2683.4	2741.6	2754.5
32.5°	2495.9	2554.1	2605.8	2676.9	2696.3
35°	2398.9	2457.1	2528.2	2599.3	2618.7
37.5°	2289.0	2360.1	2450.6	2528.2	2547.6
40°	2192.0	2269.6	2360.1	2450.6	2470.0
42.5°	2082.0	2166.1	2276.0	2360.1	2392.4
45°	1972.1	2062.6	2179.0	2276.0	2301.9
47.5°	1855.7	1959.2	2088.5	2179.0	2211.4
50°	1739.3	1849.3	1985.1	2088.5	2114.4
52.5°	1623.0	1739.3	1881.6	1985.1	2017.4
55°	1500.1	1623.0	1771.7	1881.6	1920.4
57.5°	1383.7	1506.6	1661.8	1778.1	1816.9
60°	1254.4	1396.6	1551.8	1668.2	1713.5
62.5°	1144.5	1273.8	1441.9	1558.3	1597.1
65°	1015.2	1150.9	1325.5	1448.4	1487.2
67.5°	892.3	1034.6	1209.1	1338.5	1377.3
70°	769.5	911.7	1099.2	1222.1	1267.3
72.5°	646.6	795.3	976.4	1112.1	1157.4
75°	530.2	672.5	866.4	1002.2	1047.5
77.5°	407.4	562.5	756.5	892.3	944.0
80°	297.4	459.1	653.1	788.8	840.6
82.5°	200.4	362.1	556.1	691.9	743.6
85°	116.4	278.0	472.0	601.3	646.6
87.5°	58.2	213.4	394.4	523.7	569.0
90°	0.0	155.2	329.8	452.6	497.9
92.5°	0.0	148.7	323.3	439.7	484.9
95°	0.0	148.7	316.8	433.2	478.5
97.5°	0.0	142.3	310.4	433.2	472.0
100°	0.0	135.8	310.4	426.8	465.5
102.5°	0.0	129.3	303.9	420.3	459.1
105°	0.0	122.9	297.4	407.4	446.2
107.5°	6.5	122.9	284.5	400.9	439.7
110°	6.5	116.4	271.6	394.4	433.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	6.5	109.9	258.6	381.5	420.3
115°	6.5	109.9	252.2	362.1	407.4
117.5°	6.5	103.5	239.2	349.2	394.4
120°	6.5	103.5	232.8	336.2	375.0
122.5°	6.5	97.0	219.8	323.3	362.1
125°	6.5	90.5	213.4	310.4	349.2
127.5°	6.5	84.1	206.9	297.4	336.2
130°	6.5	77.6	194.0	284.5	316.8
132.5°	6.5	77.6	187.5	265.1	303.9
135°	6.5	71.1	174.6	252.2	284.5
137.5°	6.5	64.7	161.6	239.2	271.6
140°	6.5	58.2	148.7	226.3	252.2
142.5°	6.5	58.2	135.8	206.9	232.8
145°	6.5	51.7	122.9	194.0	213.4
147.5°	6.5	45.3	109.9	174.6	194.0
150°	6.5	45.3	97.0	155.2	174.6
152.5°	6.5	38.8	84.1	142.3	161.6
155°	6.5	32.3	77.6	122.9	142.3
157.5°	6.5	32.3	64.7	103.5	122.9
160°	6.5	25.9	58.2	84.1	103.5
162.5°	6.5	25.9	51.7	71.1	90.5
165°	6.5	19.4	38.8	58.2	71.1
167.5°	6.5	19.4	32.3	45.3	58.2
170°	6.5	12.9	25.9	32.3	45.3
172.5°	6.5	12.9	19.4	19.4	19.4
175°	6.5	6.5	12.9	12.9	6.5
177.5°	6.5	6.5	6.5	6.5	6.5
180°	6.5	6.5	6.5	6.5	6.5

(END OF REPORT)