

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: P567350

Luminaire Tested: **8SNX-134SL-FDL-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567350
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-15)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNX-134SL-FDL-UNV-L930-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND FDL LENS
Light Source: -
Ballast/Driver: -

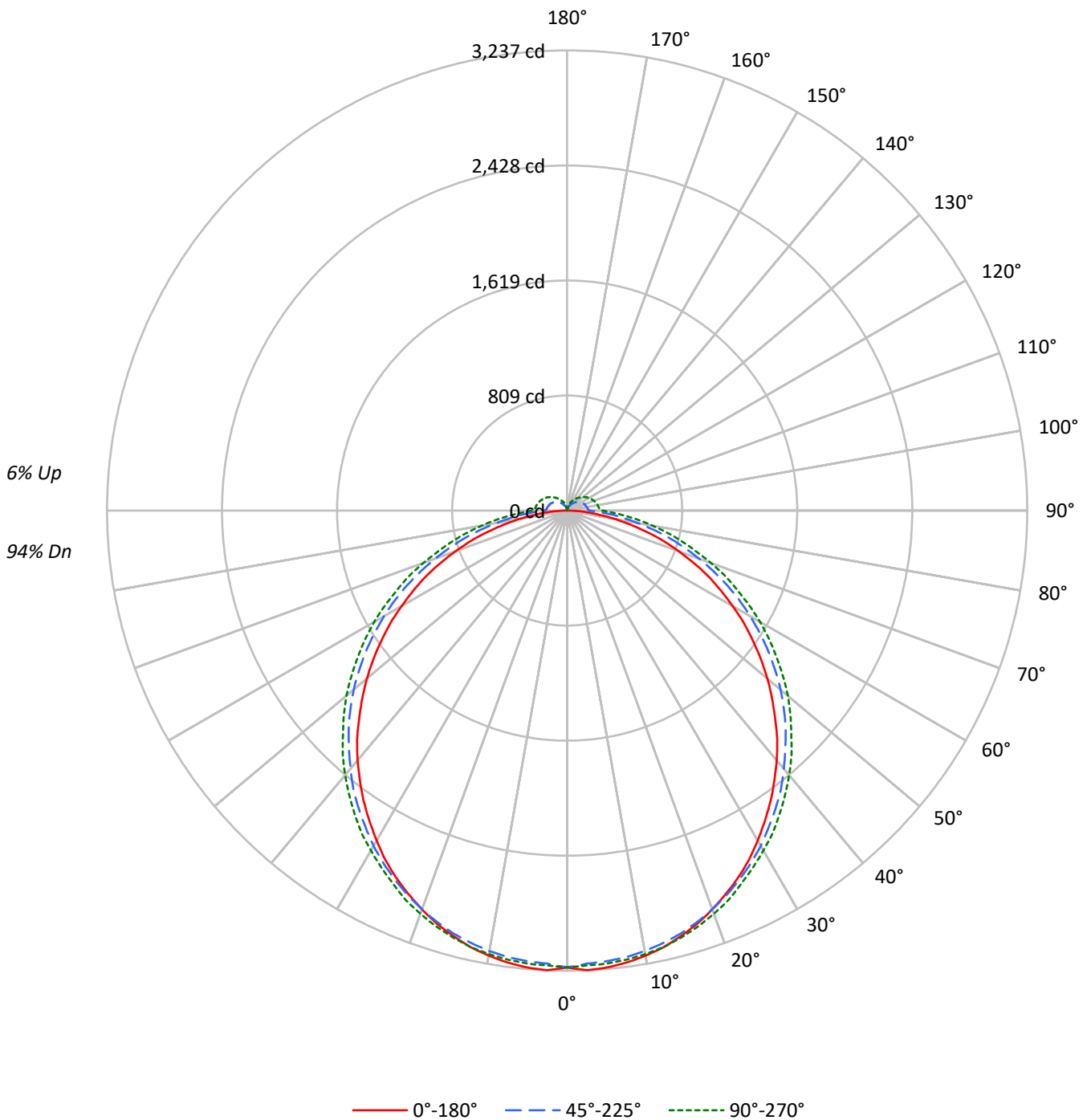
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10212.0 lumens
Efficiency: N/A
Efficacy: 106.6 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.28 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.04')
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	0
RCR																		
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	94
1	107	102	97	93	103	99	95	91	93	90	87	88	86	83	84	82	80	77
2	97	88	81	75	93	86	79	74	81	76	71	77	73	69	73	69	66	64
3	88	77	69	62	85	75	67	61	71	65	59	68	62	57	64	60	56	53
4	80	68	59	52	78	66	58	52	63	56	50	60	54	49	57	52	48	45
5	74	61	52	45	71	59	51	44	56	49	43	54	47	42	51	46	41	39
6	68	55	46	39	66	53	45	39	51	43	38	49	42	37	47	41	36	34
7	63	49	41	34	61	48	40	34	46	39	33	44	38	33	43	37	32	30
8	59	45	36	31	57	44	36	30	42	35	30	41	34	29	39	33	29	27
9	55	41	33	27	53	40	33	27	39	32	27	37	31	26	36	30	26	24
10	51	38	30	25	50	37	30	25	36	29	24	35	28	24	33	28	24	22

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	17295	17295	17295
5°	17422	17014	17035
10°	17358	16835	16820
15°	17236	16628	16580
20°	17068	16376	16298
25°	16873	16098	15963
30°	16605	15815	15654
35°	16337	15483	15332
40°	16040	15115	14970
45°	15665	14752	14547
50°	15303	14337	14161
55°	14856	13822	13623
60°	14352	13234	13096
65°	13825	12532	12368
70°	12906	11648	11614
75°	11804	10606	10711
80°	10181	9223	9710
85°	8224	8038	8535



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	304.8	3.0
10°-20°	874.5	8.6
20°-30°	1325.3	13.0
30°-40°	1599.9	15.7
40°-50°	1670.7	16.4
50°-60°	1534.8	15.0
60°-70°	1213.7	11.9
70°-80°	768.1	7.5
80°-90°	330.2	3.2
90°-100°	145.3	1.4
100°-110°	130.1	1.3
110°-120°	109.9	1.1
120°-130°	85.6	0.8
130°-140°	59.3	0.6
140°-150°	35.6	0.3
150°-160°	17.4	0.2
160°-170°	6.0	0.1
170°-180°	0.9	0.0
0°-30°	2504.6	24.5
0°-40°	4104.5	40.2
0°-60°	7309.9	71.6
0°-90°	9622.0	94.2
90°-120°	385.2	3.8
90°-150°	565.7	5.5
90°-180°	590.0	5.8
0°-180°	10212.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3214	3214	3214	3214	3214	
5°	3226	3217	3183	3210	3199	306
15°	3098	3098	3082	3114	3109	874
25°	2848	2861	2864	2902	2897	1312
35°	2496	2524	2557	2597	2606	1560
45°	2069	2119	2174	2215	2230	1598
55°	1595	1660	1729	1785	1798	1427
65°	1098	1159	1241	1298	1318	1081
75°	579	647	741	805	836	613
85°	141	217	311	378	402	156
90°	9	78	159	222	246	12
95°	2	67	145	202	224	1
105°	2	62	136	190	210	2
115°	2	52	123	172	190	2
125°	4	47	103	148	165	3
135°	4	36	83	118	132	3
145°	4	27	58	89	98	2
155°	4	18	38	56	67	2
165°	5	13	20	27	38	2
175°	5	7	9	9	5	1
180°	5	5	5	5	5	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3213.5	3213.5	3213.5	3213.5	3213.5
2.5°	3237.0	3226.2	3190.0	3215.3	3202.7
5°	3226.2	3217.1	3182.8	3209.9	3199.1
7.5°	3206.3	3199.1	3168.3	3197.2	3186.4
10°	3179.2	3173.7	3146.6	3175.5	3168.3
12.5°	3144.8	3143.0	3115.9	3148.4	3143.0
15°	3097.8	3097.8	3081.5	3114.1	3108.6
17.5°	3047.2	3049.0	3036.3	3070.7	3067.0
20°	2985.7	2994.7	2985.7	3021.8	3018.2
22.5°	2918.8	2931.4	2927.8	2964.0	2965.8
25°	2848.2	2860.9	2864.5	2902.5	2897.1
27.5°	2770.5	2790.4	2797.6	2832.0	2830.1
30°	2680.0	2707.2	2723.4	2752.4	2761.4
32.5°	2587.8	2620.4	2640.3	2680.0	2690.9
35°	2495.6	2524.5	2557.1	2596.9	2605.9
37.5°	2394.3	2426.9	2470.3	2508.2	2519.1
40°	2293.0	2329.2	2370.8	2412.4	2428.7
42.5°	2188.2	2226.1	2271.3	2320.2	2336.5
45°	2068.8	2119.4	2173.7	2215.3	2229.8
47.5°	1954.9	2010.9	2068.8	2114.0	2130.3
50°	1839.1	1898.8	1960.3	2001.9	2027.2
52.5°	1718.0	1783.1	1844.6	1897.0	1913.3
55°	1595.0	1660.1	1728.8	1784.9	1797.5
57.5°	1475.7	1538.9	1607.7	1660.1	1685.4
60°	1345.4	1414.2	1488.3	1540.8	1567.9
62.5°	1218.9	1285.8	1365.3	1421.4	1443.1
65°	1097.7	1159.2	1240.6	1298.4	1318.3
67.5°	963.9	1034.4	1112.2	1179.1	1204.4
70°	831.9	898.8	987.4	1050.7	1076.0
72.5°	708.9	774.0	862.6	925.9	949.4
75°	578.7	647.4	741.4	804.7	835.5
77.5°	453.9	529.9	620.3	689.0	723.4
80°	338.2	405.1	502.7	578.7	609.4
82.5°	229.7	302.0	403.3	473.8	508.2
85°	141.1	217.0	311.0	378.0	401.5
87.5°	66.9	139.2	226.0	291.2	320.1
90°	9.0	77.8	159.1	222.4	245.9
92.5°	1.8	66.9	146.5	206.2	227.9
95°	1.8	66.9	144.7	202.5	224.2
97.5°	1.8	65.1	142.9	200.7	220.6
100°	1.8	63.3	141.1	197.1	218.8
102.5°	1.8	63.3	137.4	193.5	213.4
105°	1.8	61.5	135.6	189.9	209.8
107.5°	1.8	59.7	132.0	186.3	206.2
110°	1.8	56.1	130.2	180.8	200.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.8	54.3	126.6	177.2	195.3
115°	1.8	52.4	123.0	171.8	189.9
117.5°	1.8	50.6	117.5	166.4	184.5
120°	3.6	50.6	113.9	160.9	177.2
122.5°	3.6	48.8	108.5	153.7	170.0
125°	3.6	47.0	103.1	148.3	164.6
127.5°	3.6	45.2	97.7	141.1	155.5
130°	3.6	41.6	94.0	133.8	148.3
132.5°	3.6	39.8	88.6	124.8	139.2
135°	3.6	36.2	83.2	117.5	132.0
137.5°	3.6	34.4	77.8	110.3	123.0
140°	3.6	32.6	70.5	103.1	115.7
142.5°	3.6	28.9	65.1	95.8	106.7
145°	3.6	27.1	57.9	88.6	97.7
147.5°	3.6	23.5	52.4	81.4	90.4
150°	3.6	21.7	47.0	74.1	83.2
152.5°	3.6	19.9	41.6	65.1	74.1
155°	3.6	18.1	38.0	56.1	66.9
157.5°	3.6	16.3	32.6	48.8	59.7
160°	5.4	14.5	28.9	41.6	50.6
162.5°	5.4	12.7	23.5	34.4	45.2
165°	5.4	12.7	19.9	27.1	38.0
167.5°	5.4	10.9	16.3	21.7	30.7
170°	5.4	9.0	14.5	16.3	23.5
172.5°	5.4	7.2	10.9	10.9	12.7
175°	5.4	7.2	9.0	9.0	5.4
177.5°	5.4	5.4	5.4	5.4	3.6
180°	5.4	5.4	5.4	5.4	5.4

(END OF REPORT)