

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: P567351

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567351
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-L935-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND FDL LENS
Light Source: -
Ballast/Driver: -

Summary

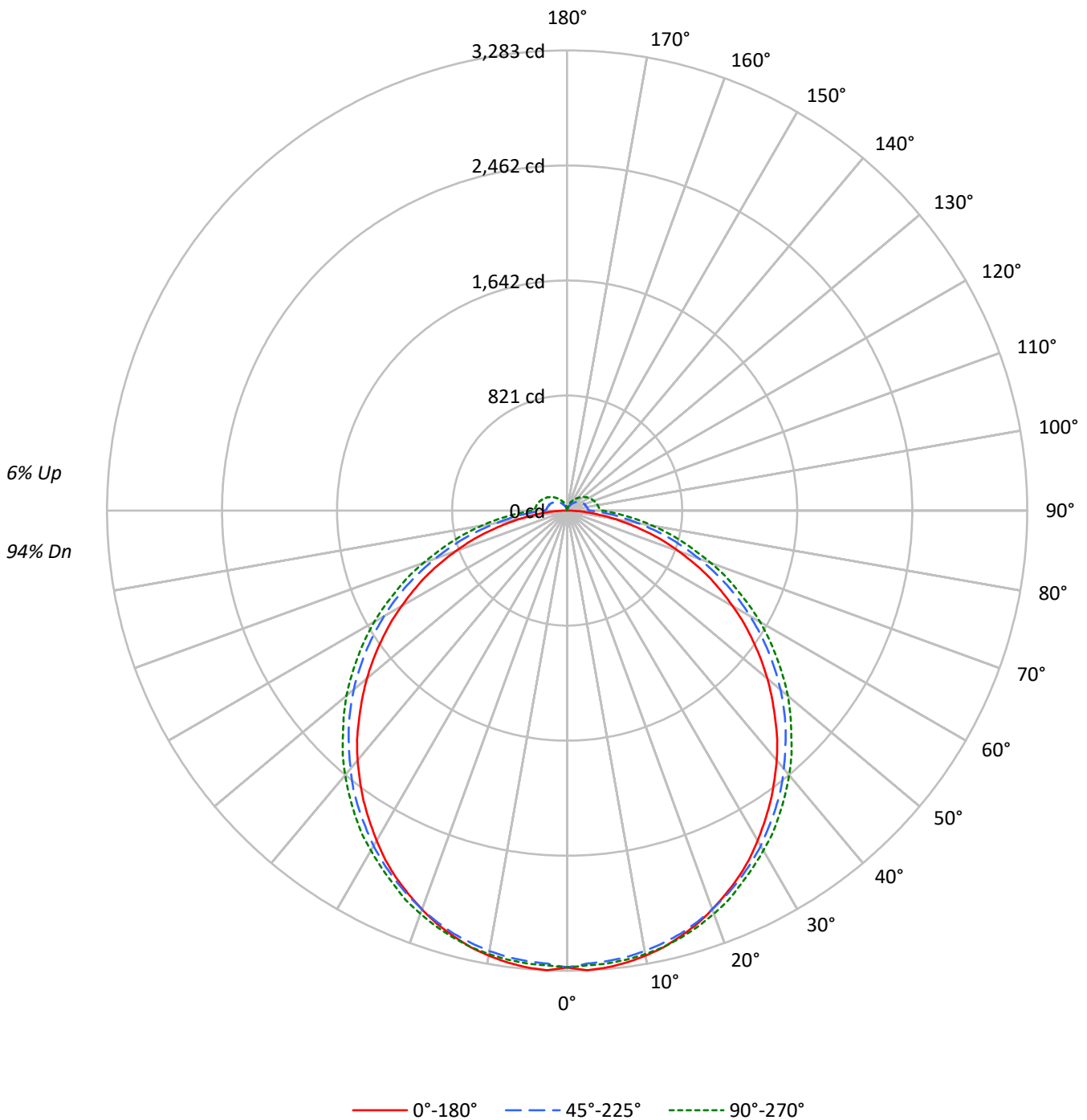
Lumens per Lamp: N/A
Luminaire Lumens: 10357.0 lumens
Efficiency: N/A
Efficacy: 108.1 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.28 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.04')
CIE Type: Direct

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°	17541	17541	17541
5°	17669	17256	17277
10°	17605	17074	17059
15°	17481	16864	16816
20°	17310	16608	16529
25°	17113	16327	16190
30°	16841	16040	15877
35°	16569	15703	15550
40°	16268	15330	15182
45°	15887	14961	14753
50°	15522	14540	14362
55°	15067	14019	13818
60°	14557	13422	13282
65°	14021	12710	12543
70°	13089	11813	11779
75°	11971	10758	10862
80°	10326	9355	9848
85°	8340	8155	8656



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	309.1	3.0
10°-20°	886.9	8.6
20°-30°	1344.1	13.0
30°-40°	1622.6	15.7
40°-50°	1694.4	16.4
50°-60°	1556.6	15.0
60°-70°	1230.9	11.9
70°-80°	779.1	7.5
80°-90°	334.9	3.2
90°-100°	147.4	1.4
100°-110°	131.9	1.3
110°-120°	111.4	1.1
120°-130°	86.8	0.8
130°-140°	60.1	0.6
140°-150°	36.1	0.3
150°-160°	17.6	0.2
160°-170°	6.1	0.1
170°-180°	0.9	0.0
0°-30°	2540.1	24.5
0°-40°	4162.7	40.2
0°-60°	7413.7	71.6
0°-90°	9758.6	94.2
90°-120°	390.7	3.8
90°-150°	573.8	5.5
90°-180°	598.0	5.8
0°-180°	10357.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3259	3259	3259	3259	3259	
5°	3272	3263	3228	3256	3244	311
15°	3142	3142	3125	3158	3153	886
25°	2889	2902	2905	2944	2938	1330
35°	2531	2560	2593	2634	2643	1582
45°	2098	2150	2205	2247	2261	1621
55°	1618	1684	1753	1810	1823	1447
65°	1113	1176	1258	1317	1337	1096
75°	587	657	752	816	847	622
85°	143	220	316	383	407	158
90°	9	79	161	226	249	12
95°	2	68	147	205	227	1
105°	2	62	138	193	213	2
115°	2	53	125	174	193	2
125°	4	48	104	150	167	3
135°	4	37	84	119	134	3
145°	4	28	59	90	99	2
155°	4	18	38	57	68	2
165°	6	13	20	28	38	2
175°	6	7	9	9	6	1
180°	6	6	6	6	6	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3259.2	3259.2	3259.2	3259.2	3259.2
2.5°	3283.0	3272.0	3235.3	3261.0	3248.1
5°	3272.0	3262.8	3228.0	3255.5	3244.5
7.5°	3251.8	3244.5	3213.3	3242.6	3231.6
10°	3224.3	3218.8	3191.3	3220.6	3213.3
12.5°	3189.5	3187.6	3160.1	3193.1	3187.6
15°	3141.8	3141.8	3125.3	3158.3	3152.8
17.5°	3090.4	3092.3	3079.4	3114.3	3110.6
20°	3028.1	3037.2	3028.1	3064.7	3061.1
22.5°	2960.2	2973.0	2969.4	3006.1	3007.9
25°	2888.7	2901.5	2905.2	2943.7	2938.2
27.5°	2809.8	2830.0	2837.3	2872.2	2870.3
30°	2718.1	2745.6	2762.1	2791.5	2800.6
32.5°	2624.6	2657.6	2677.8	2718.1	2729.1
35°	2531.0	2560.4	2593.4	2633.7	2642.9
37.5°	2428.3	2461.3	2505.3	2543.9	2554.9
40°	2325.6	2362.3	2404.5	2446.7	2463.2
42.5°	2219.2	2257.7	2303.6	2353.1	2369.6
45°	2098.2	2149.5	2204.6	2246.7	2261.4
47.5°	1982.6	2039.5	2098.2	2144.0	2160.5
50°	1865.3	1925.8	1988.1	2030.3	2056.0
52.5°	1742.4	1808.4	1870.8	1923.9	1940.5
55°	1617.7	1683.7	1753.4	1810.2	1823.1
57.5°	1496.6	1560.8	1630.5	1683.7	1709.4
60°	1364.6	1434.2	1509.4	1562.6	1590.1
62.5°	1236.2	1304.0	1384.7	1441.6	1463.6
65°	1113.3	1175.6	1258.2	1316.9	1337.0
67.5°	977.6	1049.1	1128.0	1195.8	1221.5
70°	843.7	911.5	1001.4	1065.6	1091.3
72.5°	719.0	785.0	874.9	939.0	962.9
75°	586.9	656.6	752.0	816.2	847.3
77.5°	460.4	537.4	629.1	698.8	733.6
80°	343.0	410.8	509.9	586.9	618.1
82.5°	232.9	306.3	409.0	480.5	515.4
85°	143.1	220.1	315.5	383.3	407.2
87.5°	67.9	141.2	229.3	295.3	324.6
90°	9.2	78.9	161.4	225.6	249.4
92.5°	1.8	67.9	148.6	209.1	231.1
95°	1.8	67.9	146.7	205.4	227.4
97.5°	1.8	66.0	144.9	203.6	223.8
100°	1.8	64.2	143.1	199.9	221.9
102.5°	1.8	64.2	139.4	196.2	216.4
105°	1.8	62.4	137.6	192.6	212.8
107.5°	1.8	60.5	133.9	188.9	209.1
110°	1.8	56.9	132.1	183.4	203.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.8	55.0	128.4	179.7	198.1
115°	1.8	53.2	124.7	174.2	192.6
117.5°	1.8	51.4	119.2	168.7	187.1
120°	3.7	51.4	115.5	163.2	179.7
122.5°	3.7	49.5	110.0	155.9	172.4
125°	3.7	47.7	104.5	150.4	166.9
127.5°	3.7	45.9	99.0	143.1	157.7
130°	3.7	42.2	95.4	135.7	150.4
132.5°	3.7	40.3	89.9	126.6	141.2
135°	3.7	36.7	84.4	119.2	133.9
137.5°	3.7	34.8	78.9	111.9	124.7
140°	3.7	33.0	71.5	104.5	117.4
142.5°	3.7	29.3	66.0	97.2	108.2
145°	3.7	27.5	58.7	89.9	99.0
147.5°	3.7	23.8	53.2	82.5	91.7
150°	3.7	22.0	47.7	75.2	84.4
152.5°	3.7	20.2	42.2	66.0	75.2
155°	3.7	18.3	38.5	56.9	67.9
157.5°	3.7	16.5	33.0	49.5	60.5
160°	5.5	14.7	29.3	42.2	51.4
162.5°	5.5	12.8	23.8	34.8	45.9
165°	5.5	12.8	20.2	27.5	38.5
167.5°	5.5	11.0	16.5	22.0	31.2
170°	5.5	9.2	14.7	16.5	23.8
172.5°	5.5	7.3	11.0	11.0	12.8
175°	5.5	7.3	9.2	9.2	5.5
177.5°	5.5	5.5	5.5	5.5	3.7
180°	5.5	5.5	5.5	5.5	5.5

(END OF REPORT)