

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: P567375

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567375
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-LW-UNV-L935-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

Summary

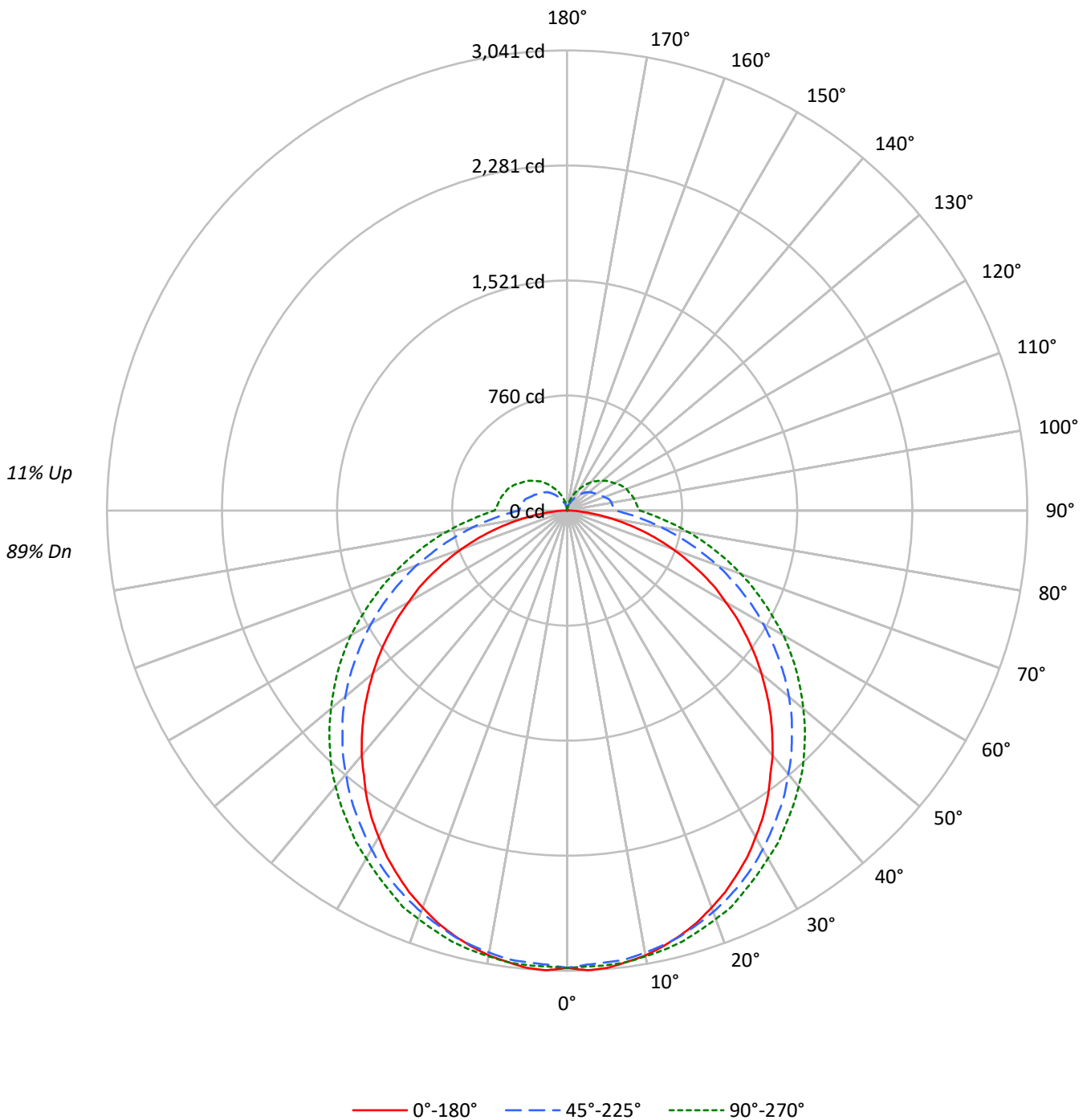
Lumens per Lamp: N/A
Luminaire Lumens: 10758.0 lumens
Efficiency: N/A
Efficacy: 112.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.17')
CIE Type: Semi-Direct

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

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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°	16264	16264	16264
5°	16364	15531	15394
10°	16251	14929	14625
15°	16089	14344	13932
20°	15867	13736	13239
25°	15610	13151	12560
30°	15304	12548	11911
35°	14969	11942	11303
40°	14585	11348	10724
45°	14169	10754	10130
50°	13694	10141	9507
55°	13172	9455	8895
60°	12558	8738	8249
65°	11924	7964	7511
70°	11036	7136	6786
75°	9857	6169	6018
80°	7944	5191	5251
85°	5596	4283	4464



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	287.0	2.7
10°-20°	825.0	7.7
20°-30°	1254.5	11.7
30°-40°	1522.8	14.2
40°-50°	1609.1	15.0
50°-60°	1505.8	14.0
60°-70°	1235.5	11.5
70°-80°	849.8	7.9
80°-90°	465.4	4.3
90°-100°	299.7	2.8
100°-110°	268.9	2.5
110°-120°	222.6	2.1
120°-130°	171.4	1.6
130°-140°	120.4	1.1
140°-150°	72.6	0.7
150°-160°	34.7	0.3
160°-170°	11.4	0.1
170°-180°	1.4	0.0
0°-30°	2366.5	22.0
0°-40°	3889.3	36.2
0°-60°	7004.3	65.1
0°-90°	9554.9	88.8
90°-120°	791.2	7.4
90°-150°	1155.5	10.7
90°-180°	1203.0	11.2
0°-180°	10758.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3022	3022	3022	3022	3022	
5°	3034	3028	2997	3022	3016	288
15°	2904	2916	2910	2947	2947	819
25°	2654	2686	2717	2773	2773	1223
35°	2312	2368	2436	2505	2524	1444
45°	1900	1988	2100	2193	2218	1465
55°	1446	1564	1707	1813	1851	1294
65°	978	1109	1277	1396	1433	969
75°	511	648	835	966	1009	538
85°	112	268	455	580	623	130
90°	0	150	318	436	480	8
95°	0	143	305	418	461	0
105°	0	118	287	392	430	4
115°	6	106	243	349	392	6
125°	6	87	206	299	336	6
135°	6	68	168	243	274	5
145°	6	50	118	187	206	4
155°	6	31	75	118	137	3
165°	6	19	37	56	68	2
175°	6	6	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°	3021.9	3021.9	3021.9	3021.9	3021.9
2.5°	3040.6	3034.4	3003.3	3028.2	3015.7
5°	3034.4	3028.2	2997.0	3021.9	3015.7
7.5°	3009.5	3009.5	2990.8	3015.7	3009.5
10°	2984.6	2984.6	2965.9	2997.0	2990.8
12.5°	2947.2	2953.4	2940.9	2978.3	2972.1
15°	2903.6	2916.0	2909.8	2947.2	2947.2
17.5°	2853.7	2866.2	2866.2	2909.8	2909.8
20°	2791.4	2810.1	2822.6	2872.4	2872.4
22.5°	2729.1	2754.0	2772.7	2816.3	2835.0
25°	2654.3	2685.5	2716.6	2772.7	2772.7
27.5°	2579.6	2616.9	2654.3	2710.4	2716.6
30°	2492.3	2535.9	2585.8	2641.9	2654.3
32.5°	2405.1	2461.2	2511.0	2579.6	2598.3
35°	2311.6	2367.7	2436.3	2504.8	2523.5
37.5°	2205.7	2274.2	2361.5	2436.3	2454.9
40°	2112.2	2187.0	2274.2	2361.5	2380.2
42.5°	2006.3	2087.3	2193.2	2274.2	2305.4
45°	1900.4	1987.6	2099.8	2193.2	2218.2
47.5°	1788.2	1887.9	2012.6	2099.8	2130.9
50°	1676.1	1782.0	1912.9	2012.6	2037.5
52.5°	1563.9	1676.1	1813.2	1912.9	1944.0
55°	1445.6	1563.9	1707.2	1813.2	1850.6
57.5°	1333.4	1451.8	1601.3	1713.5	1750.9
60°	1208.8	1345.9	1495.4	1607.6	1651.2
62.5°	1102.9	1227.5	1389.5	1501.6	1539.0
65°	978.2	1109.1	1277.3	1395.7	1433.1
67.5°	859.9	996.9	1165.2	1289.8	1327.2
70°	741.5	878.5	1059.2	1177.6	1221.2
72.5°	623.1	766.4	940.9	1071.7	1115.3
75°	510.9	648.0	834.9	965.8	1009.4
77.5°	392.5	542.1	729.0	859.9	909.7
80°	286.6	442.4	629.3	760.2	810.0
82.5°	193.2	348.9	535.9	666.7	716.5
85°	112.2	267.9	454.8	579.5	623.1
87.5°	56.1	205.6	380.1	504.7	548.3
90°	0.0	149.5	317.8	436.2	479.8
92.5°	0.0	143.3	311.5	423.7	467.3
95°	0.0	143.3	305.3	417.5	461.1
97.5°	0.0	137.1	299.1	417.5	454.8
100°	0.0	130.8	299.1	411.2	448.6
102.5°	0.0	124.6	292.8	405.0	442.4
105°	0.0	118.4	286.6	392.5	429.9
107.5°	6.2	118.4	274.2	386.3	423.7
110°	6.2	112.2	261.7	380.1	417.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	6.2	105.9	249.2	367.6	405.0
115°	6.2	105.9	243.0	348.9	392.5
117.5°	6.2	99.7	230.5	336.5	380.1
120°	6.2	99.7	224.3	324.0	361.4
122.5°	6.2	93.5	211.8	311.5	348.9
125°	6.2	87.2	205.6	299.1	336.5
127.5°	6.2	81.0	199.4	286.6	324.0
130°	6.2	74.8	186.9	274.2	305.3
132.5°	6.2	74.8	180.7	255.5	292.8
135°	6.2	68.5	168.2	243.0	274.2
137.5°	6.2	62.3	155.8	230.5	261.7
140°	6.2	56.1	143.3	218.1	243.0
142.5°	6.2	56.1	130.8	199.4	224.3
145°	6.2	49.8	118.4	186.9	205.6
147.5°	6.2	43.6	105.9	168.2	186.9
150°	6.2	43.6	93.5	149.5	168.2
152.5°	6.2	37.4	81.0	137.1	155.8
155°	6.2	31.2	74.8	118.4	137.1
157.5°	6.2	31.2	62.3	99.7	118.4
160°	6.2	24.9	56.1	81.0	99.7
162.5°	6.2	24.9	49.8	68.5	87.2
165°	6.2	18.7	37.4	56.1	68.5
167.5°	6.2	18.7	31.2	43.6	56.1
170°	6.2	12.5	24.9	31.2	43.6
172.5°	6.2	12.5	18.7	18.7	18.7
175°	6.2	6.2	12.5	12.5	6.2
177.5°	6.2	6.2	6.2	6.2	6.2
180°	6.2	6.2	6.2	6.2	6.2

(END OF REPORT)