

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: P567371

Luminaire Tested: **8SNX-134SL-LW-UNV-L835-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567371  
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-L835-CD  
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND LW LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

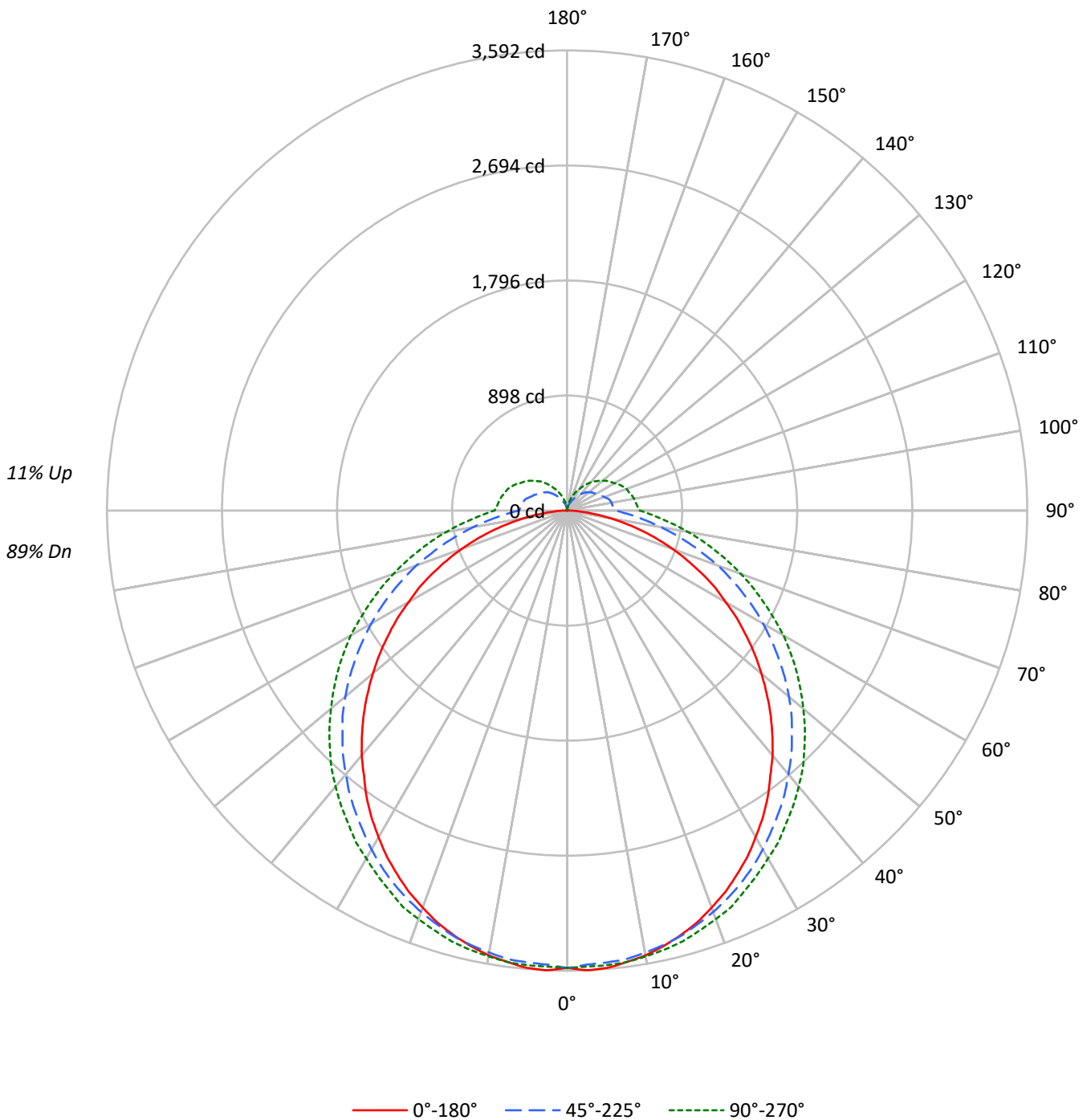
Lumens per Lamp: N/A  
Luminaire Lumens: 12708.0 lumens  
Efficiency: N/A  
Efficacy: 132.7 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.17')  
CIE Type: Semi-Direct

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°	19212	19212	19212
5°	19330	18346	18185
10°	19196	17635	17276
15°	19005	16944	16458
20°	18743	16225	15639
25°	18440	15535	14837
30°	18079	14822	14070
35°	17683	14106	13352
40°	17229	13406	12667
45°	16738	12703	11966
50°	16176	11979	11230
55°	15560	11169	10507
60°	14834	10323	9744
65°	14087	9407	8873
70°	13037	8430	8017
75°	11644	7288	7109
80°	9385	6133	6203
85°	6608	5060	5272



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	339.1	2.7
10°-20°	974.6	7.7
20°-30°	1481.9	11.7
30°-40°	1798.8	14.2
40°-50°	1900.8	15.0
50°-60°	1778.7	14.0
60°-70°	1459.4	11.5
70°-80°	1003.8	7.9
80°-90°	549.7	4.3
90°-100°	354.0	2.8
100°-110°	317.6	2.5
110°-120°	262.9	2.1
120°-130°	202.5	1.6
130°-140°	142.3	1.1
140°-150°	85.7	0.7
150°-160°	41.0	0.3
160°-170°	13.5	0.1
170°-180°	1.6	0.0
0°-30°	2795.5	22.0
0°-40°	4594.3	36.2
0°-60°	8273.9	65.1
0°-90°	11286.9	88.8
90°-120°	934.6	7.4
90°-150°	1365.0	10.7
90°-180°	1421.0	11.2
0°-180°	12708.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3570	3570	3570	3570	3570	
5°	3584	3577	3540	3570	3562	340
15°	3430	3445	3437	3481	3481	967
25°	3136	3172	3209	3275	3275	1445
35°	2731	2797	2878	2959	2981	1706
45°	2245	2348	2480	2591	2620	1730
55°	1708	1847	2017	2142	2186	1528
65°	1156	1310	1509	1649	1693	1144
75°	604	766	986	1141	1192	635
85°	132	316	537	684	736	153
90°	0	177	375	515	567	9
95°	0	169	361	493	545	0
105°	0	140	339	464	508	5
115°	7	125	287	412	464	7
125°	7	103	243	353	398	7
135°	7	81	199	287	324	6
145°	7	59	140	221	243	5
155°	7	37	88	140	162	3
165°	7	22	44	66	81	2
175°	7	7	15	15	7	1
180°	7	7	7	7	7	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3569.7	3569.7	3569.7	3569.7	3569.7
2.5°	3591.8	3584.4	3547.6	3577.1	3562.3
5°	3584.4	3577.1	3540.3	3569.7	3562.3
7.5°	3555.0	3555.0	3532.9	3562.3	3555.0
10°	3525.5	3525.5	3503.5	3540.3	3532.9
12.5°	3481.4	3488.7	3474.0	3518.2	3510.8
15°	3429.9	3444.6	3437.2	3481.4	3481.4
17.5°	3371.0	3385.7	3385.7	3437.2	3437.2
20°	3297.4	3319.5	3334.2	3393.1	3393.1
22.5°	3223.8	3253.2	3275.3	3326.8	3348.9
25°	3135.5	3172.3	3209.1	3275.3	3275.3
27.5°	3047.1	3091.3	3135.5	3201.7	3209.1
30°	2944.1	2995.6	3054.5	3120.7	3135.5
32.5°	2841.0	2907.3	2966.2	3047.1	3069.2
35°	2730.6	2796.9	2877.8	2958.8	2980.9
37.5°	2605.5	2686.5	2789.5	2877.8	2899.9
40°	2495.1	2583.4	2686.5	2789.5	2811.6
42.5°	2370.0	2465.7	2590.8	2686.5	2723.3
45°	2244.9	2347.9	2480.4	2590.8	2620.2
47.5°	2112.4	2230.1	2377.4	2480.4	2517.2
50°	1979.9	2105.0	2259.6	2377.4	2406.8
52.5°	1847.4	1979.9	2141.8	2259.6	2296.4
55°	1707.6	1847.4	2016.7	2141.8	2186.0
57.5°	1575.1	1714.9	1891.6	2024.1	2068.2
60°	1427.9	1589.8	1766.5	1898.9	1950.5
62.5°	1302.8	1450.0	1641.3	1773.8	1818.0
65°	1155.6	1310.1	1508.8	1648.7	1692.9
67.5°	1015.7	1177.6	1376.4	1523.6	1567.7
70°	875.9	1037.8	1251.2	1391.1	1442.6
72.5°	736.0	905.3	1111.4	1266.0	1317.5
75°	603.5	765.5	986.3	1140.8	1192.4
77.5°	463.7	640.3	861.1	1015.7	1074.6
80°	338.6	522.6	743.4	897.9	956.8
82.5°	228.2	412.2	633.0	787.5	846.4
85°	132.5	316.5	537.3	684.5	736.0
87.5°	66.2	242.9	449.0	596.2	647.7
90°	0.0	176.6	375.4	515.2	566.7
92.5°	0.0	169.3	368.0	500.5	552.0
95°	0.0	169.3	360.7	493.1	544.7
97.5°	0.0	161.9	353.3	493.1	537.3
100°	0.0	154.6	353.3	485.8	529.9
102.5°	0.0	147.2	345.9	478.4	522.6
105°	0.0	139.8	338.6	463.7	507.9
107.5°	7.4	139.8	323.8	456.3	500.5
110°	7.4	132.5	309.1	449.0	493.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	7.4	125.1	294.4	434.3	478.4
115°	7.4	125.1	287.0	412.2	463.7
117.5°	7.4	117.8	272.3	397.5	449.0
120°	7.4	117.8	265.0	382.7	426.9
122.5°	7.4	110.4	250.2	368.0	412.2
125°	7.4	103.0	242.9	353.3	397.5
127.5°	7.4	95.7	235.5	338.6	382.7
130°	7.4	88.3	220.8	323.8	360.7
132.5°	7.4	88.3	213.4	301.8	345.9
135°	7.4	81.0	198.7	287.0	323.8
137.5°	7.4	73.6	184.0	272.3	309.1
140°	7.4	66.2	169.3	257.6	287.0
142.5°	7.4	66.2	154.6	235.5	265.0
145°	7.4	58.9	139.8	220.8	242.9
147.5°	7.4	51.5	125.1	198.7	220.8
150°	7.4	51.5	110.4	176.6	198.7
152.5°	7.4	44.2	95.7	161.9	184.0
155°	7.4	36.8	88.3	139.8	161.9
157.5°	7.4	36.8	73.6	117.8	139.8
160°	7.4	29.4	66.2	95.7	117.8
162.5°	7.4	29.4	58.9	81.0	103.0
165°	7.4	22.1	44.2	66.2	81.0
167.5°	7.4	22.1	36.8	51.5	66.2
170°	7.4	14.7	29.4	36.8	51.5
172.5°	7.4	14.7	22.1	22.1	22.1
175°	7.4	7.4	14.7	14.7	7.4
177.5°	7.4	7.4	7.4	7.4	7.4
180°	7.4	7.4	7.4	7.4	7.4

(END OF REPORT)