

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: P567366

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

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567366  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 8SNX-134SL-LN-UNV-L930-CD  
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LN LENS  
Light Source: -  
Ballast/Driver: -

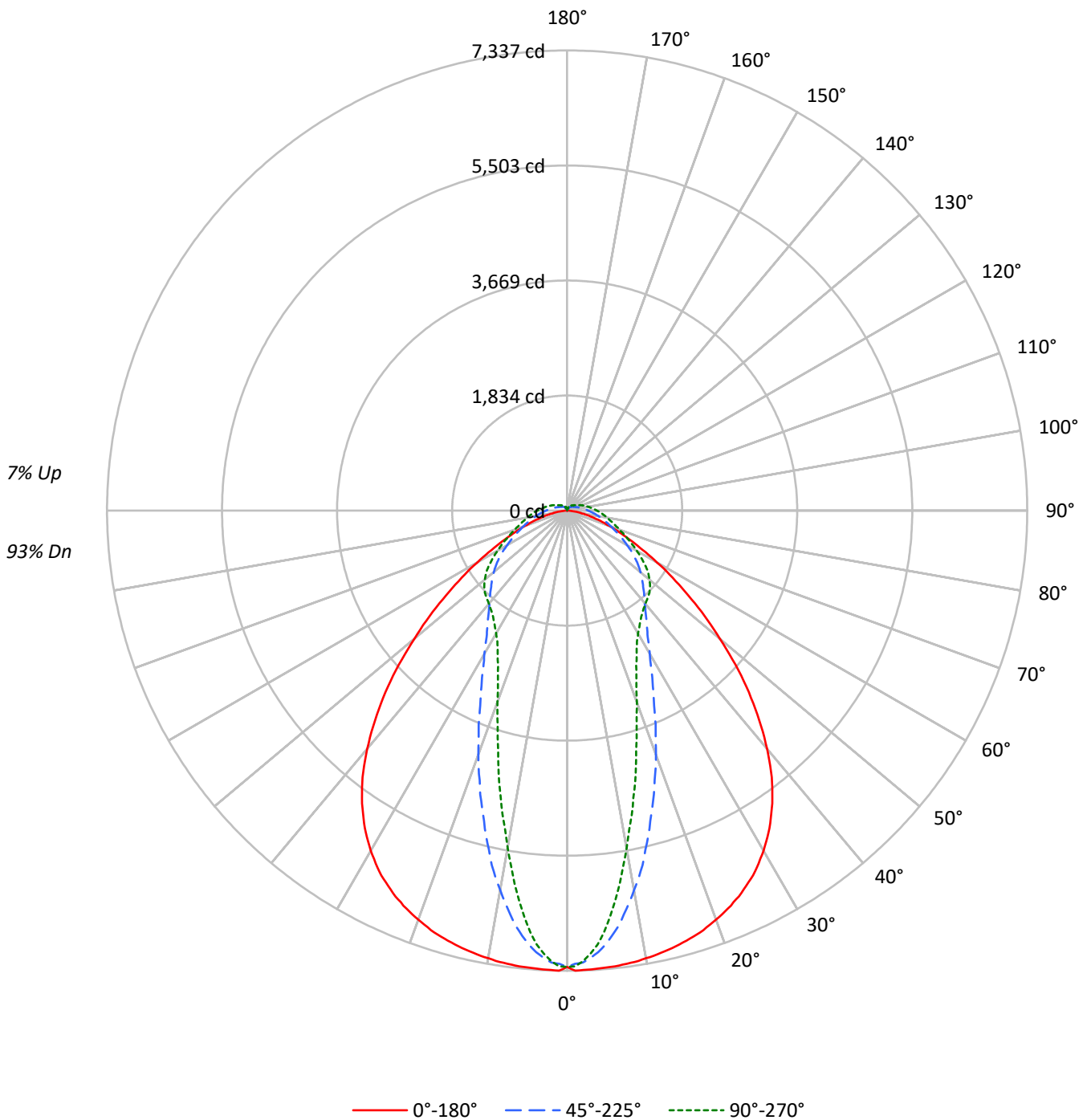
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11599.0 lumens  
Efficiency: N/A  
Efficacy: 121.1 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.17')  
CIE Type: 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	50	30	10	0	
RCR																						
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93				
1	107	103	99	95	104	100	96	93	94	91	88	89	87	85	85	83	81	78				
2	99	91	84	79	95	88	82	77	84	79	75	79	75	72	76	72	69	67				
3	91	81	73	67	88	79	72	66	75	69	64	71	66	62	68	64	60	58				
4	84	73	64	58	81	71	63	57	67	61	56	64	59	54	62	57	53	51				
5	78	66	57	51	75	64	56	51	61	55	49	59	53	48	56	51	47	45				
6	72	60	51	45	70	59	51	45	56	49	44	54	48	43	52	46	42	40				
7	67	55	47	41	65	54	46	41	52	45	40	50	44	39	48	42	38	36				
8	63	51	43	37	61	50	42	37	48	41	36	46	40	36	44	39	35	33				
9	59	47	39	34	58	46	39	34	44	38	33	43	37	33	41	36	32	30				
10	56	44	36	31	54	43	36	31	41	35	31	40	34	30	39	34	30	28				

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

	0°	45°	90°
0°	39161	39161	39161
5°	39436	36037	34444
10°	39454	30934	26724
15°	39509	25262	20030
20°	39461	20145	14989
25°	39183	15802	11896
30°	38448	12802	10147
35°	36924	10846	9230
40°	34251	9585	8737
45°	30548	8779	8467
50°	25974	8089	7998
55°	21436	7339	7305
60°	17241	6465	6407
65°	13487	5685	5576
70°	10585	5037	4932
75°	8327	4537	4494
80°	6065	4162	4177
85°	3636	3893	4007



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	644.4	5.6
10°-20°	1510.4	13.0
20°-30°	1792.9	15.5
30°-40°	1803.8	15.6
40°-50°	1676.7	14.5
50°-60°	1380.7	11.9
60°-70°	972.9	8.4
70°-80°	635.6	5.5
80°-90°	405.8	3.5
90°-100°	266.1	2.3
100°-110°	180.7	1.6
110°-120°	123.8	1.1
120°-130°	85.7	0.7
130°-140°	57.7	0.5
140°-150°	35.5	0.3
150°-160°	18.4	0.2
160°-170°	6.7	0.1
170°-180°	1.2	0.0
0°-30°	3947.7	34.0
0°-40°	5751.5	49.6
0°-60°	8808.9	75.9
0°-90°	10823.2	93.3
90°-120°	570.6	4.9
90°-150°	749.5	6.5
90°-180°	776.0	6.7
0°-180°	11599.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	7276	7276	7276	7276	7276	
5°	7313	7216	6954	6820	6748	696
15°	7130	6371	5124	4480	4237	2014
25°	6662	4924	3264	2742	2626	3066
35°	5702	3331	2213	2073	2061	3546
45°	4097	2194	1714	1805	1854	3145
55°	2352	1441	1325	1471	1520	2125
65°	1106	869	912	1027	1064	1122
75°	432	450	614	723	754	467
85°	73	207	413	535	559	92
90°	0	140	334	456	474	4
95°	0	103	280	383	401	0
105°	0	73	188	268	292	0
115°	6	61	134	194	207	5
125°	6	49	109	140	152	5
135°	6	43	85	109	116	5
145°	6	30	61	85	91	4
155°	6	24	43	61	67	3
165°	6	12	24	30	36	2
175°	12	12	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°	7276.4	7276.4	7276.4	7276.4	7276.4
1°	7337.2	7306.8	7227.8	7282.5	7270.3
2°	7331.1	7300.7	7209.5	7233.8	7191.3
3°	7325.0	7282.5	7142.7	7136.6	7075.8
4°	7319.0	7252.1	7057.6	6984.6	6936.0
5°	7312.9	7215.6	6954.2	6820.5	6747.5
6°	7306.8	7173.1	6820.5	6619.9	6516.5
7°	7294.6	7106.2	6680.7	6407.1	6273.4
8°	7282.5	7045.4	6504.4	6176.1	6012.0
9°	7270.3	6966.4	6328.1	5926.9	5732.4
10°	7246.0	6887.4	6145.7	5671.6	5464.9
11°	7233.8	6796.2	5969.4	5428.4	5185.3
12°	7209.5	6698.9	5781.0	5173.1	4960.4
13°	7185.2	6595.6	5550.0	4954.3	4699.0
14°	7160.9	6486.1	5349.4	4711.1	4474.0
15°	7130.5	6370.6	5124.5	4480.1	4237.0
16°	7100.1	6236.9	4923.9	4243.0	3987.7
17°	7069.7	6109.3	4735.4	4024.2	3793.2
18°	7033.2	5981.6	4516.6	3811.4	3586.5
19°	6984.6	5835.7	4340.3	3616.9	3410.2
20°	6942.1	5702.0	4139.7	3434.6	3252.2
21°	6893.4	5537.8	3939.1	3264.3	3082.0
22.5°	6820.5	5306.8	3683.8	3051.6	2881.4
23°	6784.0	5240.0	3580.5	2972.6	2826.7
24°	6735.4	5063.7	3410.2	2851.0	2705.1
25°	6662.4	4923.9	3264.3	2741.6	2626.1
26°	6595.6	4753.7	3118.5	2644.3	2528.8
27°	6528.7	4589.5	2990.8	2541.0	2443.7
28°	6443.6	4419.3	2851.0	2455.9	2370.8
29°	6352.4	4261.3	2735.5	2382.9	2316.0
30°	6261.2	4085.0	2638.2	2316.0	2261.3
32.5°	6005.9	3695.9	2389.0	2188.4	2151.9
35°	5702.0	3331.2	2212.7	2072.9	2060.7
37.5°	5361.6	2996.9	2054.7	1981.7	1993.9
40°	4960.4	2692.9	1920.9	1914.8	1939.2
42.5°	4534.8	2431.5	1817.6	1860.1	1896.6
45°	4097.2	2194.5	1714.2	1805.4	1854.1
47.5°	3641.2	1987.8	1623.1	1738.6	1793.3
50°	3179.2	1787.2	1525.8	1659.5	1714.2
52.5°	2765.9	1610.9	1428.5	1568.3	1629.1
55°	2352.5	1440.7	1325.2	1471.1	1519.7
57.5°	1993.9	1282.6	1215.8	1361.7	1398.1
60°	1659.5	1130.7	1106.4	1240.1	1282.6
62.5°	1355.6	996.9	1003.0	1130.7	1173.2
65°	1106.4	869.3	911.8	1027.3	1063.8



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	899.7	747.7	820.6	942.2	972.6
70°	711.2	638.3	747.7	857.1	887.5
72.5°	565.3	541.0	674.8	790.3	814.6
75°	431.6	449.8	614.0	723.4	753.8
77.5°	310.0	376.9	553.2	668.7	693.0
80°	218.8	310.0	504.5	620.0	644.4
82.5°	139.8	255.3	455.9	577.5	601.8
85°	72.9	206.7	413.4	534.9	559.3
87.5°	30.4	170.2	370.8	492.4	516.7
90°	0.0	139.8	334.3	455.9	474.2
92.5°	0.0	121.6	303.9	419.4	437.7
95°	0.0	103.3	279.6	383.0	401.2
97.5°	0.0	97.3	249.2	352.6	370.8
100°	0.0	85.1	224.9	322.2	346.5
102.5°	0.0	79.0	206.7	291.8	316.1
105°	0.0	72.9	188.4	267.5	291.8
107.5°	0.0	66.9	176.3	249.2	267.5
110°	0.0	66.9	158.1	231.0	249.2
112.5°	6.1	60.8	145.9	206.7	224.9
115°	6.1	60.8	133.7	194.5	206.7
117.5°	6.1	60.8	127.7	176.3	188.4
120°	6.1	54.7	121.6	164.1	176.3
122.5°	6.1	54.7	115.5	152.0	158.1
125°	6.1	48.6	109.4	139.8	152.0
127.5°	6.1	48.6	103.3	133.7	139.8
130°	6.1	48.6	97.3	121.6	133.7
132.5°	6.1	42.6	91.2	115.5	121.6
135°	6.1	42.6	85.1	109.4	115.5
137.5°	6.1	36.5	79.0	103.3	109.4
140°	6.1	36.5	72.9	97.3	103.3
142.5°	6.1	30.4	66.9	91.2	97.3
145°	6.1	30.4	60.8	85.1	91.2
147.5°	6.1	30.4	54.7	79.0	85.1
150°	6.1	24.3	48.6	72.9	79.0
152.5°	6.1	24.3	42.6	66.9	72.9
155°	6.1	24.3	42.6	60.8	66.9
157.5°	6.1	18.2	36.5	48.6	60.8
160°	6.1	18.2	30.4	42.6	54.7
162.5°	6.1	18.2	30.4	36.5	42.6
165°	6.1	12.2	24.3	30.4	36.5
167.5°	6.1	12.2	18.2	24.3	30.4
170°	6.1	12.2	18.2	18.2	24.3
172.5°	6.1	12.2	12.2	12.2	12.2
175°	12.2	12.2	12.2	12.2	6.1
177.5°	12.2	12.2	12.2	6.1	6.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	6.1	6.1	6.1	6.1	6.1

(END OF REPORT)