

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: P567358

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567358
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2205-663-1)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNX-134SL-LC-UNV-L930-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

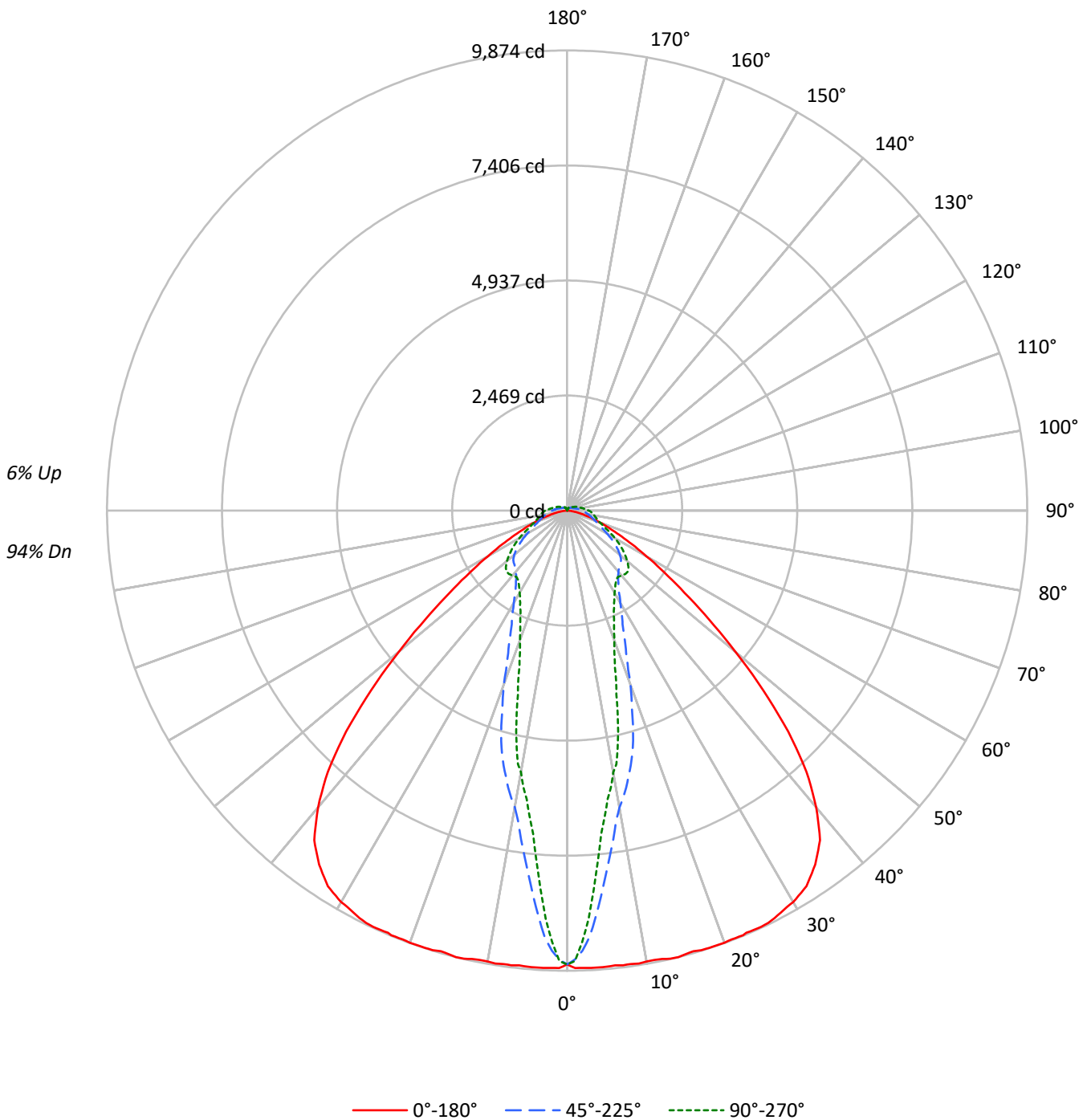
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12004.1 lumens
Efficiency: N/A
Efficacy: 125.3 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
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 (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	50	30	10	0	
RCR																						
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94				
1	108	103	99	96	105	101	97	94	95	92	90	90	88	86	86	84	82	80				
2	99	92	86	80	96	89	84	79	85	80	76	81	77	74	77	74	71	69				
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	70	66	62	60				
4	85	74	66	60	82	72	65	59	69	63	58	66	61	56	63	59	55	53				
5	79	67	59	53	76	66	58	52	63	56	51	60	55	50	58	53	49	47				
6	73	61	53	47	71	60	52	47	58	51	46	56	50	45	53	48	44	42				
7	69	56	48	43	67	55	48	42	53	46	42	51	45	41	50	44	40	38				
8	64	52	44	39	63	51	44	39	49	43	38	48	42	37	46	41	37	35				
9	61	48	41	36	59	47	40	35	46	39	35	44	39	34	43	38	34	32				
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	40	35	31	30				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	52411	52411	52411
5°	52980	43101	38532
10°	53494	32575	27887
15°	54572	26657	19310
20°	56089	19309	13638
25°	57960	13848	10729
30°	59573	11075	9137
35°	60074	9378	8184
40°	57430	8534	8204
45°	49995	8255	8428
50°	38499	7860	7865
55°	28028	6882	6978
60°	20452	5752	5900
65°	14999	4871	4837
70°	11170	4310	4171
75°	8071	4000	3888
80°	5458	3755	3829
85°	2763	3592	3834



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	765.8	6.4
10°-20°	1663.0	13.9
20°-30°	1903.6	15.9
30°-40°	1907.0	15.9
40°-50°	1805.2	15.0
50°-60°	1384.5	11.5
60°-70°	892.4	7.4
70°-80°	569.1	4.7
80°-90°	377.9	3.1
90°-100°	254.0	2.1
100°-110°	167.4	1.4
110°-120°	116.4	1.0
120°-130°	81.2	0.7
130°-140°	56.4	0.5
140°-150°	34.5	0.3
150°-160°	17.5	0.1
160°-170°	6.7	0.1
170°-180°	1.3	0.0
0°-30°	4332.5	36.1
0°-40°	6239.5	52.0
0°-60°	9429.2	78.5
0°-90°	11268.5	93.9
90°-120°	537.8	4.5
90°-150°	710.0	5.9
90°-180°	736.0	6.1
0°-180°	12004.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	9738	9738	9738	9738	9738	
5°	9824	9283	8317	7757	7548	938
15°	9849	7093	5407	4442	4085	2794
25°	9855	5020	2861	2485	2368	4543
35°	9277	2793	1913	1852	1827	5756
45°	6705	1766	1612	1784	1846	5098
55°	3076	1261	1243	1396	1452	2828
65°	1230	794	781	892	923	1266
75°	418	431	541	621	652	460
85°	55	197	381	498	535	76
90°	0	135	320	443	461	3
95°	0	98	264	363	381	0
105°	0	74	172	246	264	4
115°	6	62	129	178	191	6
125°	6	55	111	129	135	6
135°	6	43	86	105	111	5
145°	6	31	62	80	86	4
155°	6	18	37	55	62	3
165°	12	12	25	31	37	3
175°	12	12	12	12	6	1
180°	12	12	12	12	12	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	9738.2	9738.2	9738.2	9738.2	9738.2
1°	9818.2	9762.8	9633.6	9670.6	9664.4
2°	9818.2	9701.3	9449.1	9375.3	9264.5
3°	9824.4	9596.7	9166.1	8926.2	8772.4
4°	9824.4	9442.9	8747.8	8347.9	8151.1
5°	9824.4	9283.0	8317.2	7757.4	7548.2
6°	9812.0	9092.3	7880.4	7289.8	6976.1
7°	9830.5	8883.1	7486.7	6853.1	6607.0
8°	9824.4	8637.1	7123.7	6520.9	6250.2
9°	9842.8	8397.1	6730.0	6207.1	6004.1
10°	9824.4	8175.7	6471.6	5911.8	5702.7
11°	9824.4	7960.4	6287.1	5721.1	5542.7
12°	9836.7	7714.3	6084.1	5450.5	5204.4
13°	9867.4	7462.1	5850.3	5155.2	4866.0
14°	9873.6	7271.4	5635.0	4779.9	4478.5
15°	9849.0	7093.0	5407.4	4441.6	4084.8
16°	9836.7	6908.4	5136.7	4121.7	3801.8
17°	9861.3	6693.1	4829.1	3795.6	3500.3
18°	9867.4	6496.3	4503.1	3549.6	3291.2
19°	9867.4	6342.5	4238.6	3321.9	3100.5
20°	9867.4	6194.8	3967.9	3149.7	2959.0
21°	9855.1	6010.3	3660.3	2971.3	2811.4
22.5°	9861.3	5665.8	3309.6	2762.1	2633.0
23°	9842.8	5579.6	3223.5	2706.8	2571.4
24°	9849.0	5333.6	3039.0	2596.0	2466.9
25°	9855.1	5019.8	2860.6	2485.3	2368.4
26°	9842.8	4767.6	2712.9	2380.7	2300.8
27°	9812.0	4564.6	2608.3	2294.6	2220.8
28°	9769.0	4293.9	2497.6	2220.8	2153.1
29°	9725.9	3986.3	2386.9	2140.8	2091.6
30°	9701.3	3740.3	2282.3	2079.3	2036.2
32.5°	9553.7	3254.3	2067.0	1956.3	1919.3
35°	9276.8	2792.9	1913.2	1851.7	1827.1
37.5°	8913.9	2436.1	1796.3	1784.0	1790.2
40°	8317.2	2153.1	1710.2	1765.6	1820.9
42.5°	7603.6	1931.7	1648.7	1784.0	1845.5
45°	6705.4	1765.6	1611.8	1784.0	1845.5
47.5°	5708.8	1630.2	1568.7	1722.5	1784.0
50°	4712.2	1507.2	1482.6	1630.2	1685.6
52.5°	3832.5	1390.3	1371.8	1513.3	1568.7
55°	3075.9	1261.1	1242.7	1396.4	1451.8
57.5°	2466.9	1138.1	1119.6	1261.1	1316.5
60°	1968.6	1015.0	984.3	1125.8	1181.1
62.5°	1568.7	898.2	879.7	1002.7	1052.0
65°	1230.4	793.6	781.3	892.0	922.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	972.0	695.1	701.3	793.6	830.5
70°	750.5	602.9	639.8	725.9	750.5
72.5°	566.0	510.6	590.6	664.4	695.1
75°	418.3	430.6	541.4	621.3	652.1
77.5°	289.1	356.8	498.3	584.4	615.2
80°	196.9	289.1	455.2	553.7	590.6
82.5°	116.9	239.9	418.3	522.9	566.0
85°	55.4	196.9	381.4	498.3	535.2
87.5°	18.5	159.9	344.5	473.7	504.4
90°	0.0	135.3	319.9	442.9	461.4
92.5°	0.0	116.9	289.1	406.0	418.3
95°	0.0	98.4	264.5	363.0	381.4
97.5°	0.0	92.3	246.1	326.0	350.7
100°	0.0	86.1	221.5	295.3	319.9
102.5°	0.0	73.8	196.9	264.5	289.1
105°	0.0	73.8	172.2	246.1	264.5
107.5°	6.2	67.7	159.9	221.5	246.1
110°	6.2	67.7	141.5	209.2	227.6
112.5°	6.2	67.7	135.3	190.7	215.3
115°	6.2	61.5	129.2	178.4	190.7
117.5°	6.2	61.5	123.0	159.9	172.2
120°	6.2	55.4	116.9	147.6	153.8
122.5°	6.2	55.4	110.7	135.3	141.5
125°	6.2	55.4	110.7	129.2	135.3
127.5°	6.2	49.2	104.6	123.0	123.0
130°	6.2	49.2	98.4	116.9	116.9
132.5°	6.2	43.1	92.3	110.7	116.9
135°	6.2	43.1	86.1	104.6	110.7
137.5°	6.2	36.9	80.0	98.4	104.6
140°	6.2	36.9	73.8	92.3	98.4
142.5°	6.2	30.8	67.7	86.1	92.3
145°	6.2	30.8	61.5	80.0	86.1
147.5°	6.2	30.8	55.4	73.8	80.0
150°	6.2	24.6	49.2	67.7	73.8
152.5°	6.2	24.6	43.1	61.5	67.7
155°	6.2	18.5	36.9	55.4	61.5
157.5°	6.2	18.5	36.9	49.2	55.4
160°	12.3	18.5	30.8	43.1	49.2
162.5°	6.2	12.3	30.8	36.9	43.1
165°	12.3	12.3	24.6	30.8	36.9
167.5°	12.3	12.3	18.5	24.6	30.8
170°	12.3	12.3	18.5	18.5	24.6
172.5°	12.3	12.3	12.3	18.5	12.3
175°	12.3	12.3	12.3	12.3	6.2
177.5°	12.3	12.3	12.3	12.3	6.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	12.3	12.3	12.3	12.3	12.3

(END OF REPORT)