

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: P567390

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

Issue Date: 9/15/2022



**Test Information**

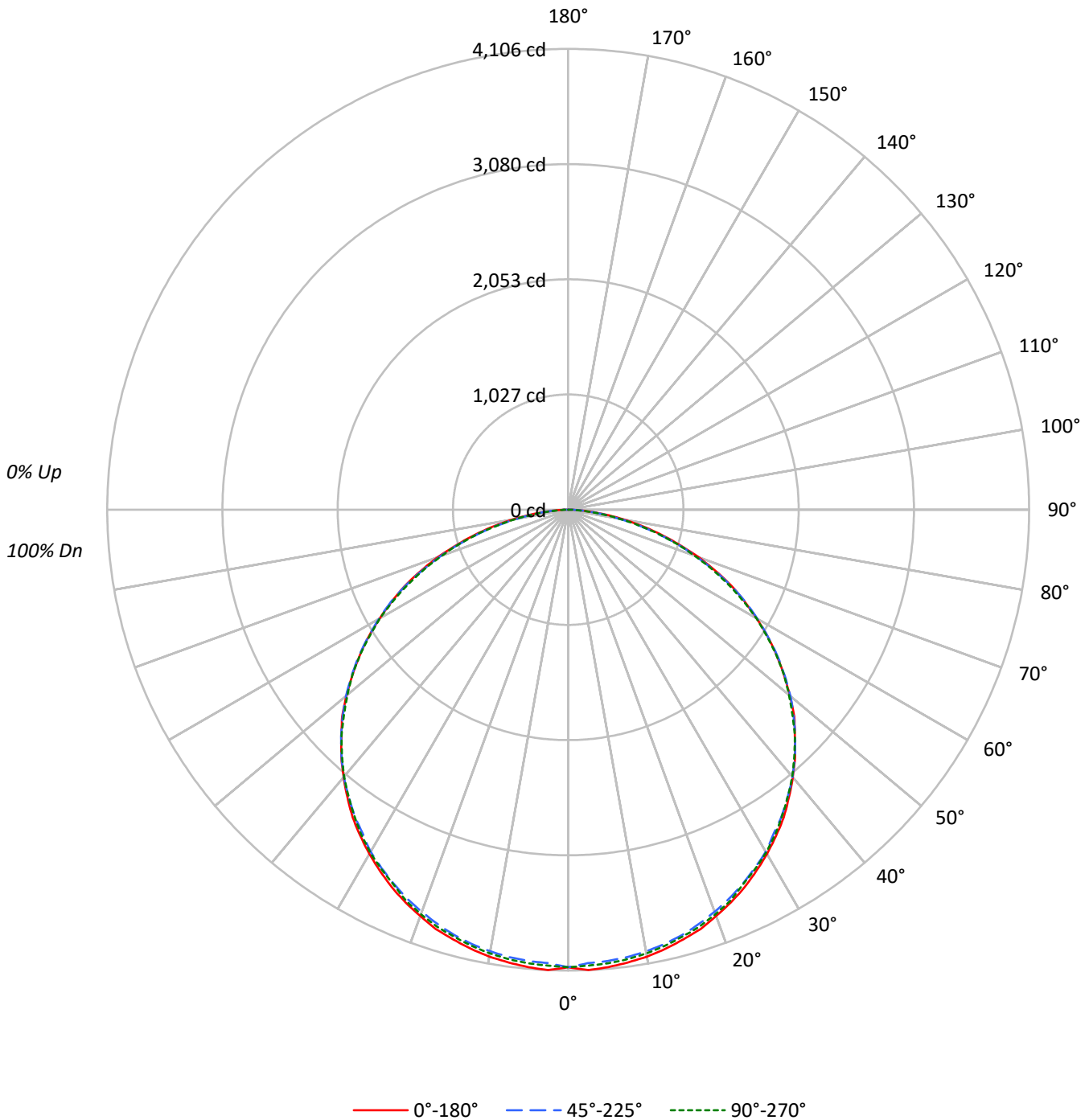
Test Method: LM-79-08  
Report Number: P567390  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 8SNX-134SL-UNV-L930-CD  
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12189.0 lumens  
Efficiency: N/A  
Efficacy: 127.2 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')  
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

TEST NUMBER: P567390  
CATALOG NUMBER: 8SNX-134SL-UNV-L930-CD

### Luminous Intensity Polar Plot





TEST NUMBER: P567390

CATALOG NUMBER: 8SNX-134SL-UNV-L930-CD

**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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

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

	0°	45°	90°
0°	21940	21940	21940
5°	22103	21806	21925
10°	22098	21838	21938
15°	22081	21856	21938
20°	22068	21836	21962
25°	22053	21835	21879
30°	22008	21871	21917
35°	21991	21822	21846
40°	21867	21841	21815
45°	21736	21764	21736
50°	21578	21640	21486
55°	21293	21362	21258
60°	20874	20954	20836
65°	20448	20308	20028
70°	19440	19037	18806
75°	17762	17153	17228
80°	15339	14204	14542
85°	11547	11090	9960



TEST NUMBER: P567390

CATALOG NUMBER: 8SNX-134SL-UNV-L930-CD

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	386.7	3.2
10°-20°	1114.4	9.1
20°-30°	1705.0	14.0
30°-40°	2084.7	17.1
40°-50°	2205.2	18.1
50°-60°	2031.9	16.7
60°-70°	1565.7	12.8
70°-80°	877.3	7.2
80°-90°	218.0	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3206.1	26.3
0°-40°	5290.8	43.4
0°-60°	9528.0	78.2
0°-90°	12189.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12189.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4077	4077	4077	4077	4077	
5°	4091	4077	4036	4077	4058	389
15°	3963	3956	3923	3956	3937	1120
25°	3714	3706	3677	3706	3684	1712
35°	3347	3340	3321	3332	3325	2091
45°	2856	2867	2860	2856	2856	2206
55°	2269	2288	2277	2277	2266	2026
65°	1606	1606	1595	1554	1573	1579
75°	854	843	825	796	828	906
85°	187	176	180	180	161	231
90°	0	0	0	0	0	



TEST NUMBER: P567390

CATALOG NUMBER: 8SNX-134SL-UNV-L930-CD

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	4076.6	4076.6	4076.6	4076.6	4076.6
2.5°	4105.9	4087.6	4043.6	4083.9	4065.6
5°	4091.3	4076.6	4036.3	4076.6	4058.3
7.5°	4069.3	4058.3	4021.6	4058.3	4039.9
10°	4043.6	4032.6	3995.9	4032.6	4014.3
12.5°	4006.9	3999.6	3963.0	3999.6	3981.3
15°	3963.0	3955.6	3922.6	3955.6	3937.3
17.5°	3919.0	3904.3	3871.3	3908.0	3893.3
20°	3853.0	3845.6	3812.6	3845.6	3834.6
22.5°	3787.0	3779.7	3750.3	3779.7	3772.3
25°	3713.7	3706.3	3677.0	3706.3	3684.3
27.5°	3629.3	3633.0	3600.0	3618.4	3607.4
30°	3541.4	3541.4	3519.4	3526.7	3526.7
32.5°	3446.0	3446.0	3413.1	3435.1	3431.4
35°	3347.1	3339.7	3321.4	3332.4	3325.1
37.5°	3229.8	3226.1	3215.1	3222.4	3215.1
40°	3112.4	3116.1	3108.8	3105.1	3105.1
42.5°	2991.5	2998.8	2987.8	2984.1	2980.5
45°	2855.8	2866.8	2859.5	2855.8	2855.8
47.5°	2731.2	2734.8	2723.8	2720.2	2709.2
50°	2577.2	2591.9	2584.5	2577.2	2566.2
52.5°	2423.2	2445.2	2430.6	2423.2	2423.2
55°	2269.3	2287.6	2276.6	2276.6	2265.6
57.5°	2108.0	2126.3	2111.6	2111.6	2097.0
60°	1939.3	1957.6	1946.7	1935.7	1935.7
62.5°	1770.7	1785.3	1781.7	1763.4	1752.4
65°	1605.7	1605.7	1594.7	1554.4	1572.7
67.5°	1418.7	1415.1	1400.4	1360.1	1385.8
70°	1235.4	1235.4	1209.8	1162.1	1195.1
72.5°	1037.5	1048.5	1015.5	982.5	1015.5
75°	854.2	843.2	824.9	795.5	828.5
77.5°	678.2	659.9	637.9	623.2	641.6
80°	494.9	483.9	458.3	458.3	469.2
82.5°	337.3	326.3	307.9	311.6	296.9
85°	187.0	176.0	179.6	179.6	161.3
87.5°	77.0	77.0	77.0	69.7	62.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)