

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: P567374

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567374
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-L930-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

Summary

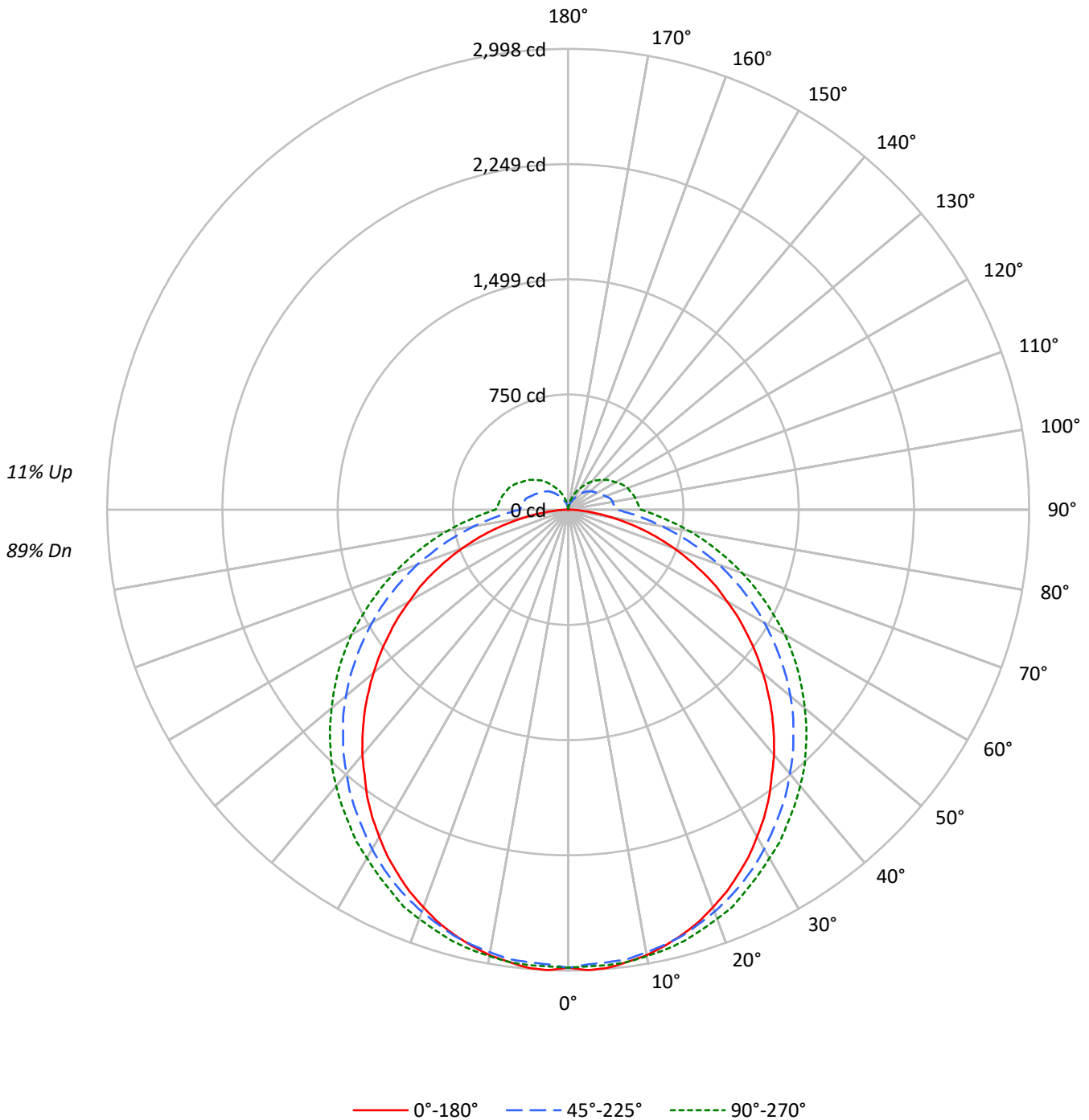
Lumens per Lamp: N/A
Luminaire Lumens: 10607.0 lumens
Efficiency: N/A
Efficacy: 110.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.17')
CIE Type: Semi-Direct

Input Watts (W): 95.8
Input Voltage (V): NR
Input Current (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

TEST NUMBER: P567374

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

Luminous Intensity Polar Plot





TEST NUMBER: P567374

CATALOG NUMBER: 8SNX-134SL-LW-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	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	77	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°	16036	16036	16036
5°	16134	15313	15179
10°	16023	14719	14420
15°	15862	14143	13737
20°	15644	13542	13053
25°	15392	12966	12384
30°	15090	12372	11744
35°	14759	11774	11145
40°	14380	11189	10573
45°	13970	10603	9987
50°	13502	9998	9373
55°	12987	9322	8770
60°	12382	8616	8133
65°	11757	7852	7406
70°	10882	7036	6691
75°	9720	6082	5933
80°	7833	5119	5177
85°	5516	4224	4401



TEST NUMBER: P567374

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

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	283.0	2.7
10°-20°	813.4	7.7
20°-30°	1236.9	11.7
30°-40°	1501.4	14.2
40°-50°	1586.6	15.0
50°-60°	1484.6	14.0
60°-70°	1218.2	11.5
70°-80°	837.9	7.9
80°-90°	458.8	4.3
90°-100°	295.5	2.8
100°-110°	265.1	2.5
110°-120°	219.4	2.1
120°-130°	169.0	1.6
130°-140°	118.7	1.1
140°-150°	71.5	0.7
150°-160°	34.3	0.3
160°-170°	11.2	0.1
170°-180°	1.3	0.0
0°-30°	2333.3	22.0
0°-40°	3834.7	36.2
0°-60°	6905.9	65.1
0°-90°	9420.8	88.8
90°-120°	780.0	7.4
90°-150°	1139.3	10.7
90°-180°	1186.0	11.2
0°-180°	10607.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2980	2980	2980	2980	2980	
5°	2992	2986	2955	2980	2973	284
15°	2863	2875	2869	2906	2906	807
25°	2617	2648	2678	2734	2734	1206
35°	2279	2334	2402	2470	2488	1424
45°	1874	1960	2070	2162	2187	1444
55°	1425	1542	1683	1788	1825	1275
65°	964	1094	1259	1376	1413	955
75°	504	639	823	952	995	530
85°	111	264	448	571	614	128
90°	0	147	313	430	473	8
95°	0	141	301	412	455	0
105°	0	117	283	387	424	4
115°	6	104	240	344	387	6
125°	6	86	203	295	332	5
135°	6	68	166	240	270	5
145°	6	49	117	184	203	4
155°	6	31	74	117	135	3
165°	6	18	37	55	68	2
175°	6	6	12	12	6	1
180°	6	6	6	6	6	



TEST NUMBER: P567374

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

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2979.5	2979.5	2979.5	2979.5	2979.5
2.5°	2998.0	2991.8	2961.1	2985.7	2973.4
5°	2991.8	2985.7	2955.0	2979.5	2973.4
7.5°	2967.2	2967.2	2948.8	2973.4	2967.2
10°	2942.7	2942.7	2924.2	2955.0	2948.8
12.5°	2905.8	2912.0	2899.7	2936.5	2930.4
15°	2862.8	2875.1	2869.0	2905.8	2905.8
17.5°	2813.7	2825.9	2825.9	2869.0	2869.0
20°	2752.2	2770.7	2782.9	2832.1	2832.1
22.5°	2690.8	2715.4	2733.8	2776.8	2795.2
25°	2617.1	2647.8	2678.5	2733.8	2733.8
27.5°	2543.4	2580.2	2617.1	2672.4	2678.5
30°	2457.3	2500.3	2549.5	2604.8	2617.1
32.5°	2371.3	2426.6	2475.8	2543.4	2561.8
35°	2279.2	2334.5	2402.1	2469.6	2488.1
37.5°	2174.8	2242.3	2328.3	2402.1	2420.5
40°	2082.6	2156.3	2242.3	2328.3	2346.8
42.5°	1978.2	2058.0	2162.5	2242.3	2273.0
45°	1873.7	1959.7	2070.3	2162.5	2187.0
47.5°	1763.1	1861.4	1984.3	2070.3	2101.0
50°	1652.6	1757.0	1886.0	1984.3	2008.9
52.5°	1542.0	1652.6	1787.7	1886.0	1916.7
55°	1425.3	1542.0	1683.3	1787.7	1824.6
57.5°	1314.7	1431.4	1578.8	1689.4	1726.3
60°	1191.8	1327.0	1474.4	1585.0	1628.0
62.5°	1087.4	1210.2	1370.0	1480.6	1517.4
65°	964.5	1093.5	1259.4	1376.1	1413.0
67.5°	847.8	982.9	1148.8	1271.7	1308.5
70°	731.1	866.2	1044.4	1161.1	1204.1
72.5°	614.3	755.6	927.6	1056.7	1099.7
75°	503.8	638.9	823.2	952.2	995.2
77.5°	387.0	534.5	718.8	847.8	896.9
80°	282.6	436.2	620.5	749.5	798.6
82.5°	190.4	344.0	528.3	657.3	706.5
85°	110.6	264.2	448.5	571.3	614.3
87.5°	55.3	202.7	374.7	497.6	540.6
90°	0.0	147.4	313.3	430.0	473.0
92.5°	0.0	141.3	307.2	417.7	460.8
95°	0.0	141.3	301.0	411.6	454.6
97.5°	0.0	135.2	294.9	411.6	448.5
100°	0.0	129.0	294.9	405.5	442.3
102.5°	0.0	122.9	288.7	399.3	436.2
105°	0.0	116.7	282.6	387.0	423.9
107.5°	6.1	116.7	270.3	380.9	417.7
110°	6.1	110.6	258.0	374.7	411.6



TEST NUMBER: P567374

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

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	6.1	104.4	245.7	362.5	399.3
115°	6.1	104.4	239.6	344.0	387.0
117.5°	6.1	98.3	227.3	331.7	374.7
120°	6.1	98.3	221.2	319.5	356.3
122.5°	6.1	92.2	208.9	307.2	344.0
125°	6.1	86.0	202.7	294.9	331.7
127.5°	6.1	79.9	196.6	282.6	319.5
130°	6.1	73.7	184.3	270.3	301.0
132.5°	6.1	73.7	178.2	251.9	288.7
135°	6.1	67.6	165.9	239.6	270.3
137.5°	6.1	61.4	153.6	227.3	258.0
140°	6.1	55.3	141.3	215.0	239.6
142.5°	6.1	55.3	129.0	196.6	221.2
145°	6.1	49.1	116.7	184.3	202.7
147.5°	6.1	43.0	104.4	165.9	184.3
150°	6.1	43.0	92.2	147.4	165.9
152.5°	6.1	36.9	79.9	135.2	153.6
155°	6.1	30.7	73.7	116.7	135.2
157.5°	6.1	30.7	61.4	98.3	116.7
160°	6.1	24.6	55.3	79.9	98.3
162.5°	6.1	24.6	49.1	67.6	86.0
165°	6.1	18.4	36.9	55.3	67.6
167.5°	6.1	18.4	30.7	43.0	55.3
170°	6.1	12.3	24.6	30.7	43.0
172.5°	6.1	12.3	18.4	18.4	18.4
175°	6.1	6.1	12.3	12.3	6.1
177.5°	6.1	6.1	6.1	6.1	6.1
180°	6.1	6.1	6.1	6.1	6.1

(END OF REPORT)