

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: P567135

Luminaire Tested: **4SNX-SL3-SLW-UNV-CC93-CD-5000K-MED**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567135  
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: 4SNX-SL3-SLW-UNV-CC93-CD-5000K-MED  
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, MED LUMEN SETTING, AND SLW LENS  
Light Source: -  
Ballast/Driver: -

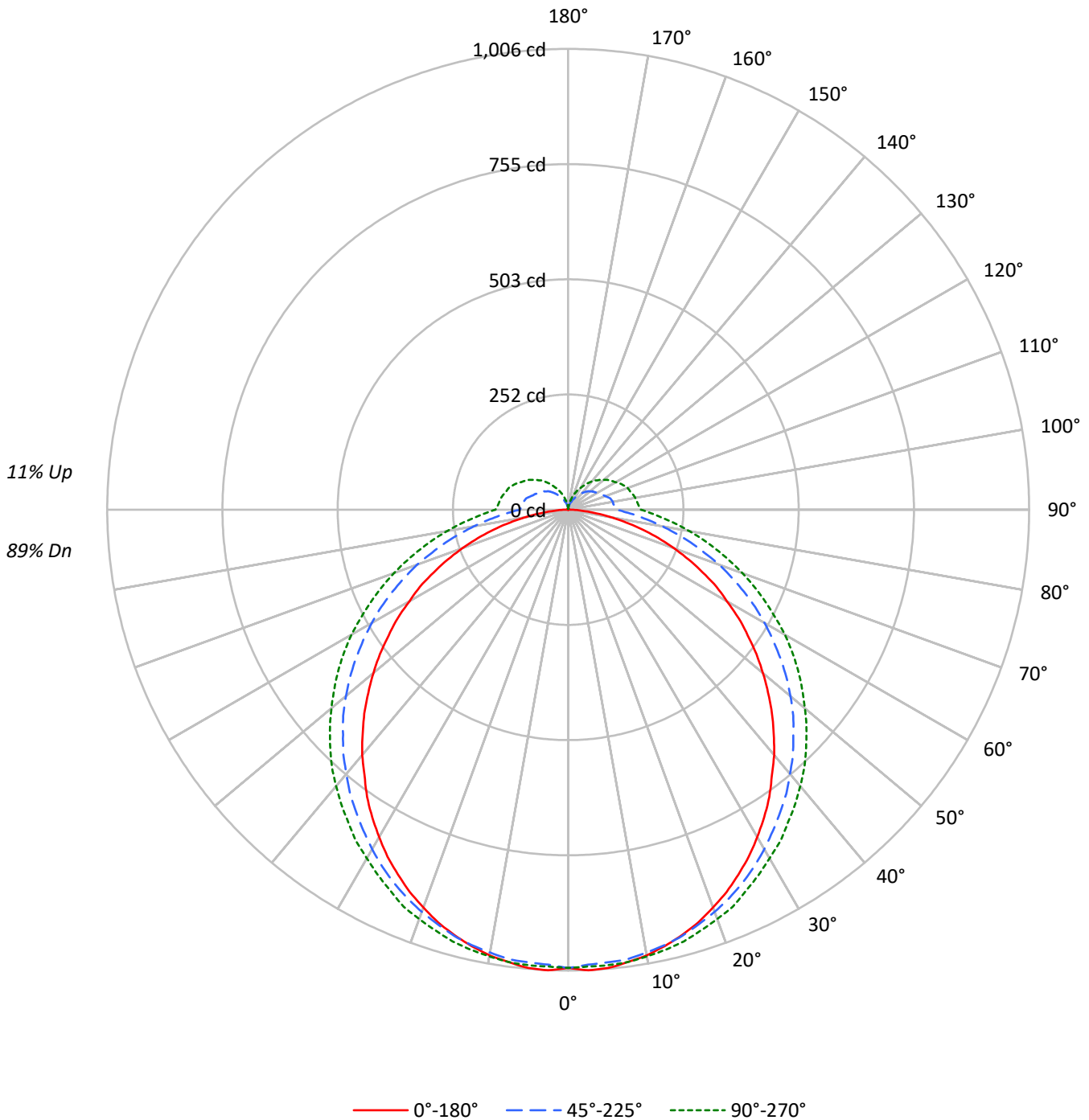
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3561.0 lumens  
Efficiency: N/A  
Efficacy: 105.6 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')  
CIE Type: Semi-Direct  
  
Input Watts (W): 33.726  
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°	10767	10767	10767
5°	10833	10490	10481
10°	10758	10278	10222
15°	10651	10061	9983
20°	10505	9811	9717
25°	10335	9567	9439
30°	10133	9299	9164
35°	9911	9021	8906
40°	9657	8747	8659
45°	9382	8468	8391
50°	9066	8174	8092
55°	8721	7819	7799
60°	8314	7441	7471
65°	7896	7016	7058
70°	7307	6547	6653
75°	6527	5953	6206
80°	5263	5347	5765
85°	3704	4830	5311



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	95.0	2.7
10°-20°	273.1	7.7
20°-30°	415.2	11.7
30°-40°	504.1	14.2
40°-50°	532.6	15.0
50°-60°	498.4	14.0
60°-70°	409.0	11.5
70°-80°	281.3	7.9
80°-90°	154.1	4.3
90°-100°	99.2	2.8
100°-110°	89.0	2.5
110°-120°	73.7	2.1
120°-130°	56.7	1.6
130°-140°	39.9	1.1
140°-150°	24.0	0.7
150°-160°	11.5	0.3
160°-170°	3.8	0.1
170°-180°	0.5	0.0
0°-30°	783.3	22.0
0°-40°	1287.4	36.2
0°-60°	2318.5	65.1
0°-90°	3162.8	88.8
90°-120°	261.9	7.4
90°-150°	382.5	10.7
90°-180°	398.0	11.2
0°-180°	3561.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1000	1000	1000	1000	1000	
5°	1004	1002	992	1000	998	95
15°	961	965	963	976	976	271
25°	879	889	899	918	918	405
35°	765	784	806	829	835	478
45°	629	658	695	726	734	485
55°	478	518	565	600	613	428
65°	324	367	423	462	474	321
75°	169	214	276	320	334	178
85°	37	89	151	192	206	43
90°	0	50	105	144	159	3
95°	0	47	101	138	153	0
105°	0	39	95	130	142	1
115°	2	35	80	116	130	2
125°	2	29	68	99	111	2
135°	2	23	56	80	91	2
145°	2	16	39	62	68	1
155°	2	10	25	39	45	1
165°	2	6	12	19	23	1
175°	2	2	4	4	2	0
180°	2	2	2	2	2	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1000.3	1000.3	1000.3	1000.3	1000.3
2.5°	1006.5	1004.4	994.1	1002.4	998.2
5°	1004.4	1002.4	992.0	1000.3	998.2
7.5°	996.2	996.2	990.0	998.2	996.2
10°	987.9	987.9	981.7	992.0	990.0
12.5°	975.5	977.6	973.5	985.9	983.8
15°	961.1	965.2	963.2	975.5	975.5
17.5°	944.6	948.7	948.7	963.2	963.2
20°	924.0	930.2	934.3	950.8	950.8
22.5°	903.4	911.6	917.8	932.2	938.4
25°	878.6	888.9	899.2	917.8	917.8
27.5°	853.9	866.2	878.6	897.2	899.2
30°	825.0	839.4	855.9	874.5	878.6
32.5°	796.1	814.7	831.2	853.9	860.0
35°	765.2	783.7	806.4	829.1	835.3
37.5°	730.1	752.8	781.7	806.4	812.6
40°	699.2	723.9	752.8	781.7	787.9
42.5°	664.1	690.9	726.0	752.8	763.1
45°	629.1	657.9	695.0	726.0	734.2
47.5°	591.9	624.9	666.2	695.0	705.4
50°	554.8	589.9	633.2	666.2	674.4
52.5°	517.7	554.8	600.2	633.2	643.5
55°	478.5	517.7	565.1	600.2	612.6
57.5°	441.4	480.6	530.1	567.2	579.6
60°	400.1	445.5	495.0	532.1	546.6
62.5°	365.1	406.3	459.9	497.1	509.4
65°	323.8	367.1	422.8	462.0	474.4
67.5°	284.6	330.0	385.7	426.9	439.3
70°	245.4	290.8	350.6	389.8	404.2
72.5°	206.2	253.7	311.4	354.7	369.2
75°	169.1	214.5	276.4	319.7	334.1
77.5°	129.9	179.4	241.3	284.6	301.1
80°	94.9	146.4	208.3	251.6	268.1
82.5°	63.9	115.5	177.4	220.7	237.2
85°	37.1	88.7	150.6	191.8	206.2
87.5°	18.6	68.1	125.8	167.1	181.5
90°	0.0	49.5	105.2	144.4	158.8
92.5°	0.0	47.4	103.1	140.2	154.7
95°	0.0	47.4	101.1	138.2	152.6
97.5°	0.0	45.4	99.0	138.2	150.6
100°	0.0	43.3	99.0	136.1	148.5
102.5°	0.0	41.2	96.9	134.1	146.4
105°	0.0	39.2	94.9	129.9	142.3
107.5°	2.1	39.2	90.7	127.9	140.2
110°	2.1	37.1	86.6	125.8	138.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.1	35.1	82.5	121.7	134.1
115°	2.1	35.1	80.4	115.5	129.9
117.5°	2.1	33.0	76.3	111.4	125.8
120°	2.1	33.0	74.2	107.2	119.6
122.5°	2.1	30.9	70.1	103.1	115.5
125°	2.1	28.9	68.1	99.0	111.4
127.5°	2.1	26.8	66.0	94.9	107.2
130°	2.1	24.7	61.9	90.7	101.1
132.5°	2.1	24.7	59.8	84.6	96.9
135°	2.1	22.7	55.7	80.4	90.7
137.5°	2.1	20.6	51.6	76.3	86.6
140°	2.1	18.6	47.4	72.2	80.4
142.5°	2.1	18.6	43.3	66.0	74.2
145°	2.1	16.5	39.2	61.9	68.1
147.5°	2.1	14.4	35.1	55.7	61.9
150°	2.1	14.4	30.9	49.5	55.7
152.5°	2.1	12.4	26.8	45.4	51.6
155°	2.1	10.3	24.7	39.2	45.4
157.5°	2.1	10.3	20.6	33.0	39.2
160°	2.1	8.2	18.6	26.8	33.0
162.5°	2.1	8.2	16.5	22.7	28.9
165°	2.1	6.2	12.4	18.6	22.7
167.5°	2.1	6.2	10.3	14.4	18.6
170°	2.1	4.1	8.2	10.3	14.4
172.5°	2.1	4.1	6.2	6.2	6.2
175°	2.1	2.1	4.1	4.1	2.1
177.5°	2.1	2.1	2.1	2.1	2.1
180°	2.1	2.1	2.1	2.1	2.1

(END OF REPORT)