

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: P567117

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

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567117  
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-LW-UNV-CC93-CD-5000K-MED  
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, MED LUMEN SETTING, AND LW LENS  
Light Source: -  
Ballast/Driver: -

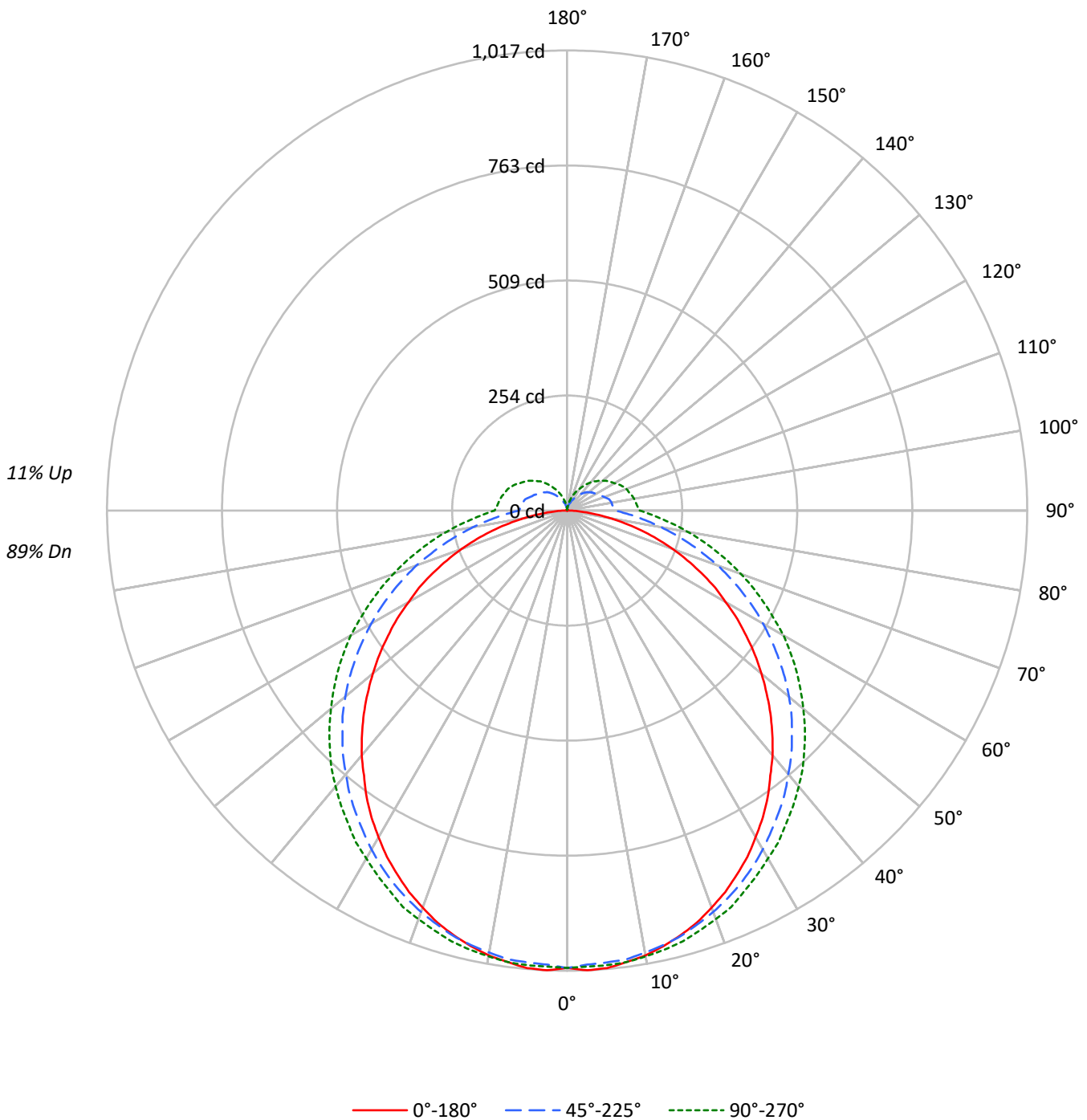
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3598.0 lumens  
Efficiency: N/A  
Efficacy: 106.7 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: 0.17')  
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°	10879	10879	10879
5°	10926	10376	10297
10°	10831	9962	9783
15°	10702	9562	9319
20°	10534	9146	8856
25°	10342	8748	8401
30°	10118	8338	7967
35°	9871	7927	7561
40°	9591	7525	7172
45°	9288	7123	6776
50°	8944	6709	6359
55°	8564	6247	5950
60°	8118	5765	5517
65°	7650	5246	5024
70°	7003	4693	4539
75°	6151	4047	4025
80°	4808	3397	3512
85°	3137	2793	2986



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	96.0	2.7
10°-20°	275.9	7.7
20°-30°	419.6	11.7
30°-40°	509.3	14.2
40°-50°	538.2	15.0
50°-60°	503.6	14.0
60°-70°	413.2	11.5
70°-80°	284.2	7.9
80°-90°	155.6	4.3
90°-100°	100.2	2.8
100°-110°	89.9	2.5
110°-120°	74.4	2.1
120°-130°	57.3	1.6
130°-140°	40.3	1.1
140°-150°	24.3	0.7
150°-160°	11.6	0.3
160°-170°	3.8	0.1
170°-180°	0.5	0.0
0°-30°	791.5	22.0
0°-40°	1300.8	36.2
0°-60°	2342.6	65.1
0°-90°	3195.6	88.8
90°-120°	264.6	7.4
90°-150°	386.5	10.7
90°-180°	402.0	11.2
0°-180°	3598.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1011	1011	1011	1011	1011	
5°	1015	1013	1002	1011	1009	96
15°	971	975	973	986	986	274
25°	888	898	909	927	927	409
35°	773	792	815	838	844	483
45°	636	665	702	734	742	490
55°	484	523	571	606	619	433
65°	327	371	427	467	479	324
75°	171	217	279	323	338	180
85°	38	90	152	194	208	43
90°	0	50	106	146	160	3
95°	0	48	102	140	154	0
105°	0	40	96	131	144	1
115°	2	35	81	117	131	2
125°	2	29	69	100	112	2
135°	2	23	56	81	92	2
145°	2	17	40	62	69	1
155°	2	10	25	40	46	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°	1010.7	1010.7	1010.7	1010.7	1010.7
2.5°	1016.9	1014.9	1004.4	1012.8	1008.6
5°	1014.9	1012.8	1002.4	1010.7	1008.6
7.5°	1006.5	1006.5	1000.3	1008.6	1006.5
10°	998.2	998.2	991.9	1002.4	1000.3
12.5°	985.7	987.8	983.6	996.1	994.0
15°	971.1	975.3	973.2	985.7	985.7
17.5°	954.4	958.6	958.6	973.2	973.2
20°	933.6	939.8	944.0	960.7	960.7
22.5°	912.7	921.1	927.3	941.9	948.2
25°	887.7	898.2	908.6	927.3	927.3
27.5°	862.7	875.2	887.7	906.5	908.6
30°	833.6	848.1	864.8	883.6	887.7
32.5°	804.4	823.1	839.8	862.7	869.0
35°	773.1	791.9	814.8	837.7	844.0
37.5°	737.7	760.6	789.8	814.8	821.1
40°	706.4	731.4	760.6	789.8	796.0
42.5°	671.0	698.1	733.5	760.6	771.0
45°	635.6	664.8	702.3	733.5	741.9
47.5°	598.1	631.4	673.1	702.3	712.7
50°	560.6	596.0	639.8	673.1	681.4
52.5°	523.1	560.6	606.4	639.8	650.2
55°	483.5	523.1	571.0	606.4	618.9
57.5°	446.0	485.5	535.6	573.1	585.6
60°	404.3	450.1	500.1	537.6	552.2
62.5°	368.8	410.5	464.7	502.2	514.7
65°	327.2	370.9	427.2	466.8	479.3
67.5°	287.6	333.4	389.7	431.4	443.9
70°	248.0	293.8	354.3	393.9	408.4
72.5°	208.4	256.3	314.7	358.4	373.0
75°	170.9	216.7	279.2	323.0	337.6
77.5°	131.3	181.3	243.8	287.6	304.2
80°	95.9	148.0	210.5	254.2	270.9
82.5°	64.6	116.7	179.2	223.0	239.6
85°	37.5	89.6	152.1	193.8	208.4
87.5°	18.8	68.8	127.1	168.8	183.4
90°	0.0	50.0	106.3	145.9	160.5
92.5°	0.0	47.9	104.2	141.7	156.3
95°	0.0	47.9	102.1	139.6	154.2
97.5°	0.0	45.8	100.0	139.6	152.1
100°	0.0	43.8	100.0	137.5	150.0
102.5°	0.0	41.7	97.9	135.5	148.0
105°	0.0	39.6	95.9	131.3	143.8
107.5°	2.1	39.6	91.7	129.2	141.7
110°	2.1	37.5	87.5	127.1	139.6



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.1	35.4	83.4	122.9	135.5
115°	2.1	35.4	81.3	116.7	131.3
117.5°	2.1	33.3	77.1	112.5	127.1
120°	2.1	33.3	75.0	108.4	120.9
122.5°	2.1	31.3	70.9	104.2	116.7
125°	2.1	29.2	68.8	100.0	112.5
127.5°	2.1	27.1	66.7	95.9	108.4
130°	2.1	25.0	62.5	91.7	102.1
132.5°	2.1	25.0	60.4	85.4	97.9
135°	2.1	22.9	56.3	81.3	91.7
137.5°	2.1	20.8	52.1	77.1	87.5
140°	2.1	18.8	47.9	72.9	81.3
142.5°	2.1	18.8	43.8	66.7	75.0
145°	2.1	16.7	39.6	62.5	68.8
147.5°	2.1	14.6	35.4	56.3	62.5
150°	2.1	14.6	31.3	50.0	56.3
152.5°	2.1	12.5	27.1	45.8	52.1
155°	2.1	10.4	25.0	39.6	45.8
157.5°	2.1	10.4	20.8	33.3	39.6
160°	2.1	8.3	18.8	27.1	33.3
162.5°	2.1	8.3	16.7	22.9	29.2
165°	2.1	6.3	12.5	18.8	22.9
167.5°	2.1	6.3	10.4	14.6	18.8
170°	2.1	4.2	8.3	10.4	14.6
172.5°	2.1	4.2	6.3	6.3	6.3
175°	2.1	2.1	4.2	4.2	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)