

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: P567111

Luminaire Tested: **4SNX-SL3-LW-UNV-CC93-CD-3500K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567111
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-3500K-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, MED LUMEN SETTING, AND LW LENS
Light Source: -
Ballast/Driver: -

Summary

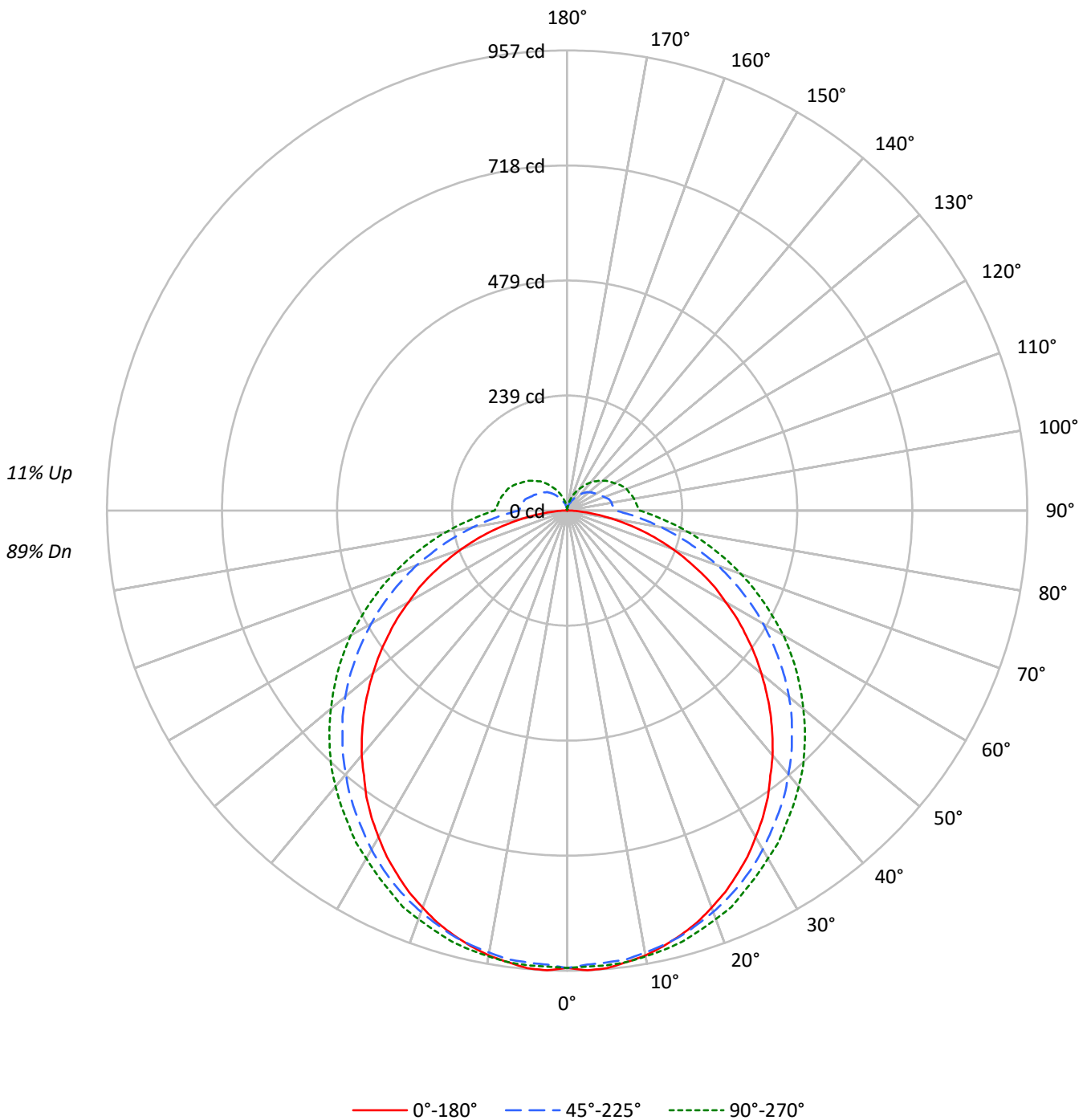
Lumens per Lamp: N/A
Luminaire Lumens: 3386.0 lumens
Efficiency: N/A
Efficacy: 101.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Semi-Direct

Input Watts (W): 33.462
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	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°	10238	10238	10238
5°	10282	9764	9691
10°	10193	9375	9206
15°	10072	8998	8770
20°	9914	8607	8334
25°	9733	8232	7907
30°	9520	7847	7497
35°	9290	7460	7115
40°	9026	7082	6750
45°	8740	6703	6377
50°	8415	6314	5984
55°	8059	5878	5599
60°	7640	5426	5192
65°	7199	4936	4729
70°	6591	4416	4272
75°	5787	3809	3788
80°	4523	3197	3305
85°	2953	2630	2810



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.3	2.7
10°-20°	259.7	7.7
20°-30°	394.8	11.7
30°-40°	479.3	14.2
40°-50°	506.5	15.0
50°-60°	473.9	14.0
60°-70°	388.9	11.5
70°-80°	267.5	7.9
80°-90°	146.5	4.3
90°-100°	94.3	2.8
100°-110°	84.6	2.5
110°-120°	70.1	2.1
120°-130°	54.0	1.6
130°-140°	37.9	1.1
140°-150°	22.8	0.7
150°-160°	10.9	0.3
160°-170°	3.6	0.1
170°-180°	0.4	0.0
0°-30°	744.8	22.0
0°-40°	1224.1	36.2
0°-60°	2204.5	65.1
0°-90°	3007.3	88.8
90°-120°	249.0	7.4
90°-150°	363.7	10.7
90°-180°	379.0	11.2
0°-180°	3386.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	951	951	951	951	951	
5°	955	953	943	951	949	91
15°	914	918	916	928	928	258
25°	835	845	855	873	873	385
35°	728	745	767	788	794	454
45°	598	626	661	690	698	461
55°	455	492	537	571	582	407
65°	308	349	402	439	451	305
75°	161	204	263	304	318	169
85°	35	84	143	182	196	41
90°	0	47	100	137	151	2
95°	0	45	96	131	145	0
105°	0	37	90	124	135	1
115°	2	33	76	110	124	2
125°	2	28	65	94	106	2
135°	2	22	53	76	86	2
145°	2	16	37	59	65	1
155°	2	10	24	37	43	1
165°	2	6	12	18	22	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°	951.1	951.1	951.1	951.1	951.1
2.5°	957.0	955.1	945.3	953.1	949.2
5°	955.1	953.1	943.3	951.1	949.2
7.5°	947.2	947.2	941.3	949.2	947.2
10°	939.4	939.4	933.5	943.3	941.3
12.5°	927.6	929.6	925.6	937.4	935.4
15°	913.9	917.8	915.8	927.6	927.6
17.5°	898.2	902.1	902.1	915.8	915.8
20°	878.6	884.5	888.4	904.1	904.1
22.5°	859.0	866.8	872.7	886.4	892.3
25°	835.4	845.2	855.0	872.7	872.7
27.5°	811.9	823.7	835.4	853.1	855.0
30°	784.4	798.2	813.9	831.5	835.4
32.5°	757.0	774.6	790.3	811.9	817.8
35°	727.6	745.2	766.8	788.4	794.2
37.5°	694.2	715.8	743.3	766.8	772.7
40°	664.8	688.3	715.8	743.3	749.1
42.5°	631.5	657.0	690.3	715.8	725.6
45°	598.1	625.6	660.9	690.3	698.2
47.5°	562.8	594.2	633.4	660.9	670.7
50°	527.5	560.9	602.1	633.4	641.3
52.5°	492.2	527.5	570.7	602.1	611.9
55°	455.0	492.2	537.3	570.7	582.4
57.5°	419.7	456.9	504.0	539.3	551.1
60°	380.5	423.6	470.7	506.0	519.7
62.5°	347.1	386.3	437.3	472.6	484.4
65°	307.9	349.1	402.0	439.3	451.1
67.5°	270.6	313.8	366.7	405.9	417.7
70°	233.4	276.5	333.4	370.6	384.4
72.5°	196.1	241.2	296.1	337.3	351.0
75°	160.8	204.0	262.8	304.0	317.7
77.5°	123.5	170.6	229.4	270.6	286.3
80°	90.2	139.2	198.1	239.3	254.9
82.5°	60.8	109.8	168.7	209.8	225.5
85°	35.3	84.3	143.2	182.4	196.1
87.5°	17.6	64.7	119.6	158.8	172.6
90°	0.0	47.1	100.0	137.3	151.0
92.5°	0.0	45.1	98.1	133.4	147.1
95°	0.0	45.1	96.1	131.4	145.1
97.5°	0.0	43.1	94.1	131.4	143.2
100°	0.0	41.2	94.1	129.4	141.2
102.5°	0.0	39.2	92.2	127.5	139.2
105°	0.0	37.3	90.2	123.5	135.3
107.5°	2.0	37.3	86.3	121.6	133.4
110°	2.0	35.3	82.4	119.6	131.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.0	33.3	78.4	115.7	127.5
115°	2.0	33.3	76.5	109.8	123.5
117.5°	2.0	31.4	72.6	105.9	119.6
120°	2.0	31.4	70.6	102.0	113.7
122.5°	2.0	29.4	66.7	98.1	109.8
125°	2.0	27.5	64.7	94.1	105.9
127.5°	2.0	25.5	62.8	90.2	102.0
130°	2.0	23.5	58.8	86.3	96.1
132.5°	2.0	23.5	56.9	80.4	92.2
135°	2.0	21.6	52.9	76.5	86.3
137.5°	2.0	19.6	49.0	72.6	82.4
140°	2.0	17.6	45.1	68.6	76.5
142.5°	2.0	17.6	41.2	62.8	70.6
145°	2.0	15.7	37.3	58.8	64.7
147.5°	2.0	13.7	33.3	52.9	58.8
150°	2.0	13.7	29.4	47.1	52.9
152.5°	2.0	11.8	25.5	43.1	49.0
155°	2.0	9.8	23.5	37.3	43.1
157.5°	2.0	9.8	19.6	31.4	37.3
160°	2.0	7.8	17.6	25.5	31.4
162.5°	2.0	7.8	15.7	21.6	27.5
165°	2.0	5.9	11.8	17.6	21.6
167.5°	2.0	5.9	9.8	13.7	17.6
170°	2.0	3.9	7.8	9.8	13.7
172.5°	2.0	3.9	5.9	5.9	5.9
175°	2.0	2.0	3.9	3.9	2.0
177.5°	2.0	2.0	2.0	2.0	2.0
180°	2.0	2.0	2.0	2.0	2.0

(END OF REPORT)