

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: P567128

Luminaire Tested: **4SNX-SL3-SLW-UNV-CC93-CD-3500K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567128
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-3500K-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, LOW LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

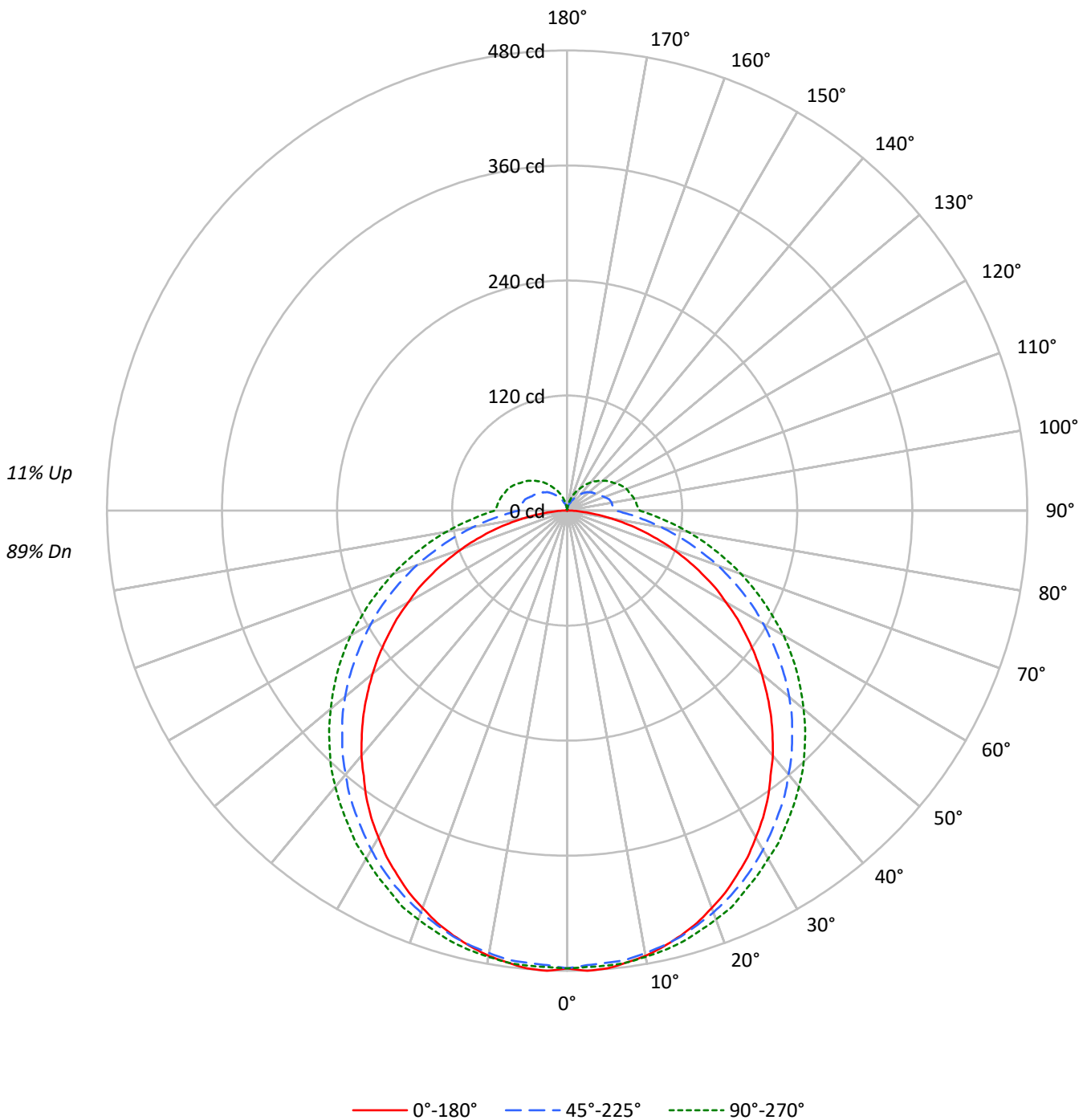
Lumens per Lamp: N/A
Luminaire Lumens: 1700.0 lumens
Efficiency: N/A
Efficacy: 101.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 16.731
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°	5140	5140	5140
5°	5172	5008	5003
10°	5136	4907	4880
15°	5084	4803	4766
20°	5015	4684	4639
25°	4933	4567	4506
30°	4837	4439	4374
35°	4731	4307	4252
40°	4610	4176	4133
45°	4478	4042	4006
50°	4329	3902	3863
55°	4163	3733	3722
60°	3969	3552	3566
65°	3770	3349	3370
70°	3490	3126	3177
75°	3115	2841	2963
80°	2512	2552	2752
85°	1767	2306	2537



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.4	2.7
10°-20°	130.4	7.7
20°-30°	198.2	11.7
30°-40°	240.6	14.2
40°-50°	254.3	15.0
50°-60°	237.9	14.0
60°-70°	195.2	11.5
70°-80°	134.3	7.9
80°-90°	73.5	4.3
90°-100°	47.4	2.8
100°-110°	42.5	2.5
110°-120°	35.2	2.1
120°-130°	27.1	1.6
130°-140°	19.0	1.1
140°-150°	11.5	0.7
150°-160°	5.5	0.3
160°-170°	1.8	0.1
170°-180°	0.2	0.0
0°-30°	374.0	22.0
0°-40°	614.6	36.2
0°-60°	1106.8	65.1
0°-90°	1509.9	88.8
90°-120°	125.0	7.4
90°-150°	182.6	10.7
90°-180°	190.0	11.2
0°-180°	1700.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	478	478	478	478	478	
5°	480	478	474	478	476	45
15°	459	461	460	466	466	129
25°	419	424	429	438	438	193
35°	365	374	385	396	399	228
45°	300	314	332	347	350	231
55°	228	247	270	286	292	204
65°	155	175	202	221	226	153
75°	81	102	132	153	160	85
85°	18	42	72	92	98	20
90°	0	24	50	69	76	1
95°	0	23	48	66	73	0
105°	0	19	45	62	68	1
115°	1	17	38	55	62	1
125°	1	14	32	47	53	1
135°	1	11	27	38	43	1
145°	1	8	19	30	32	1
155°	1	5	12	19	22	0
165°	1	3	6	9	11	0
175°	1	1	2	2	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	477.5	477.5	477.5	477.5	477.5
2.5°	480.5	479.5	474.6	478.5	476.5
5°	479.5	478.5	473.6	477.5	476.5
7.5°	475.6	475.6	472.6	476.5	475.6
10°	471.6	471.6	468.7	473.6	472.6
12.5°	465.7	466.7	464.7	470.6	469.7
15°	458.8	460.8	459.8	465.7	465.7
17.5°	450.9	452.9	452.9	459.8	459.8
20°	441.1	444.1	446.0	453.9	453.9
22.5°	431.3	435.2	438.1	445.0	448.0
25°	419.4	424.4	429.3	438.1	438.1
27.5°	407.6	413.5	419.4	428.3	429.3
30°	393.8	400.7	408.6	417.5	419.4
32.5°	380.1	388.9	396.8	407.6	410.6
35°	365.3	374.2	385.0	395.8	398.8
37.5°	348.6	359.4	373.2	385.0	387.9
40°	333.8	345.6	359.4	373.2	376.1
42.5°	317.0	329.8	346.6	359.4	364.3
45°	300.3	314.1	331.8	346.6	350.5
47.5°	282.6	298.3	318.0	331.8	336.7
50°	264.9	281.6	302.3	318.0	322.0
52.5°	247.1	264.9	286.5	302.3	307.2
55°	228.4	247.1	269.8	286.5	292.4
57.5°	210.7	229.4	253.0	270.8	276.7
60°	191.0	212.7	236.3	254.0	260.9
62.5°	174.3	194.0	219.6	237.3	243.2
65°	154.6	175.3	201.8	220.6	226.5
67.5°	135.9	157.5	184.1	203.8	209.7
70°	117.2	138.8	167.4	186.1	193.0
72.5°	98.5	121.1	148.7	169.4	176.2
75°	80.7	102.4	131.9	152.6	159.5
77.5°	62.0	85.7	115.2	135.9	143.8
80°	45.3	69.9	99.4	120.1	128.0
82.5°	30.5	55.1	84.7	105.4	113.2
85°	17.7	42.3	71.9	91.6	98.5
87.5°	8.9	32.5	60.1	79.8	86.6
90°	0.0	23.6	50.2	68.9	75.8
92.5°	0.0	22.6	49.2	67.0	73.8
95°	0.0	22.6	48.2	66.0	72.9
97.5°	0.0	21.7	47.3	66.0	71.9
100°	0.0	20.7	47.3	65.0	70.9
102.5°	0.0	19.7	46.3	64.0	69.9
105°	0.0	18.7	45.3	62.0	67.9
107.5°	1.0	18.7	43.3	61.0	67.0
110°	1.0	17.7	41.4	60.1	66.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.0	16.7	39.4	58.1	64.0
115°	1.0	16.7	38.4	55.1	62.0
117.5°	1.0	15.8	36.4	53.2	60.1
120°	1.0	15.8	35.4	51.2	57.1
122.5°	1.0	14.8	33.5	49.2	55.1
125°	1.0	13.8	32.5	47.3	53.2
127.5°	1.0	12.8	31.5	45.3	51.2
130°	1.0	11.8	29.5	43.3	48.2
132.5°	1.0	11.8	28.6	40.4	46.3
135°	1.0	10.8	26.6	38.4	43.3
137.5°	1.0	9.8	24.6	36.4	41.4
140°	1.0	8.9	22.6	34.5	38.4
142.5°	1.0	8.9	20.7	31.5	35.4
145°	1.0	7.9	18.7	29.5	32.5
147.5°	1.0	6.9	16.7	26.6	29.5
150°	1.0	6.9	14.8	23.6	26.6
152.5°	1.0	5.9	12.8	21.7	24.6
155°	1.0	4.9	11.8	18.7	21.7
157.5°	1.0	4.9	9.8	15.8	18.7
160°	1.0	3.9	8.9	12.8	15.8
162.5°	1.0	3.9	7.9	10.8	13.8
165°	1.0	3.0	5.9	8.9	10.8
167.5°	1.0	3.0	4.9	6.9	8.9
170°	1.0	2.0	3.9	4.9	6.9
172.5°	1.0	2.0	3.0	3.0	3.0
175°	1.0	1.0	2.0	2.0	1.0
177.5°	1.0	1.0	1.0	1.0	1.0
180°	1.0	1.0	1.0	1.0	1.0

(END OF REPORT)