

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: P567131

Luminaire Tested: **4SNX-SL3-SLW-UNV-CC93-CD-4000K-LOW**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567131  
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-4000K-LOW  
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, LOW LUMEN SETTING, AND SLW LENS  
Light Source: -  
Ballast/Driver: -

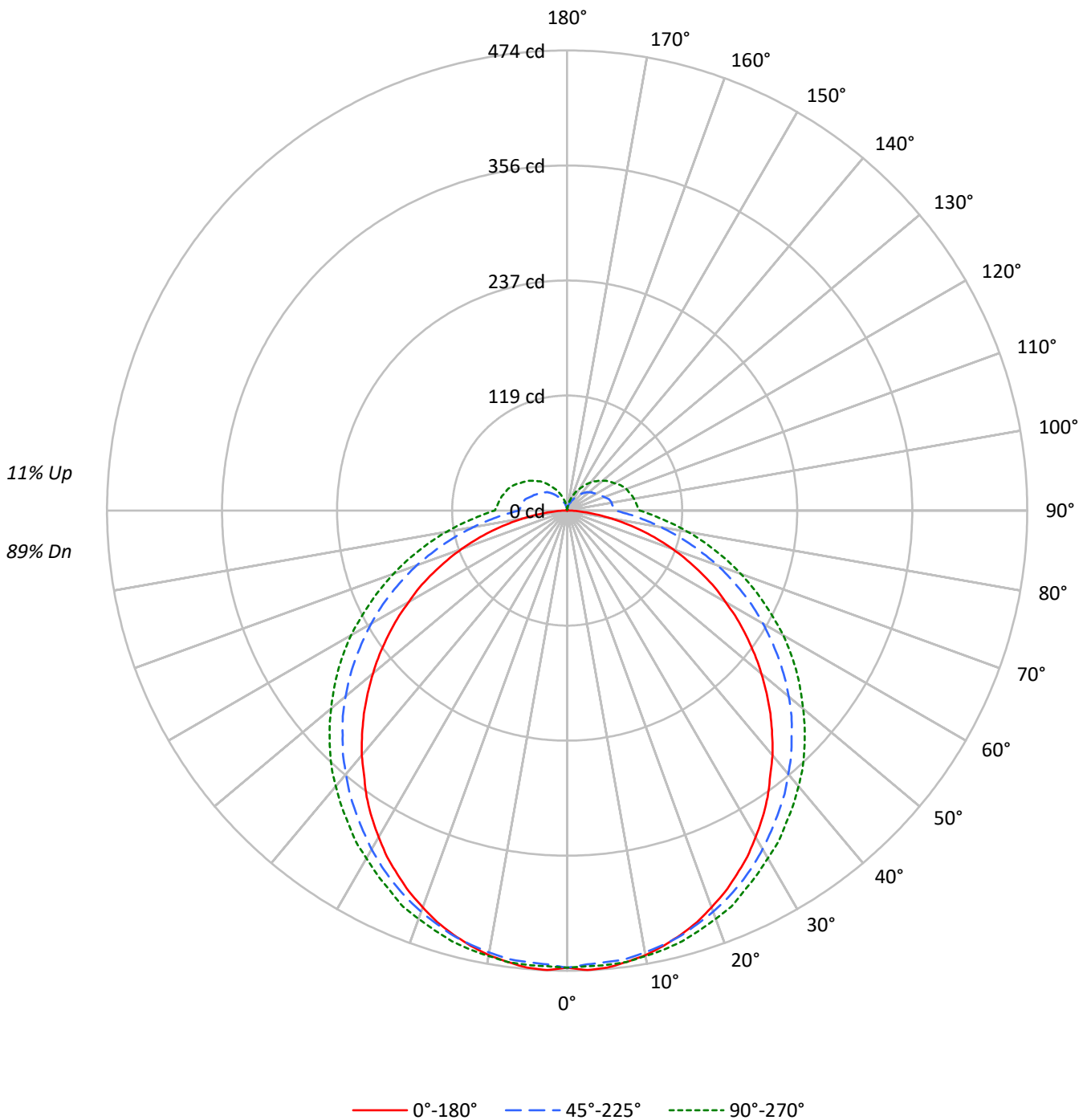
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1676.0 lumens  
Efficiency: N/A  
Efficacy: 103.9 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): 16.137  
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°	5068	5068	5068
5°	5098	4937	4933
10°	5064	4838	4811
15°	5012	4735	4698
20°	4944	4617	4573
25°	4864	4503	4443
30°	4769	4376	4313
35°	4664	4245	4191
40°	4545	4117	4075
45°	4416	3985	3950
50°	4267	3847	3808
55°	4105	3681	3670
60°	3913	3503	3515
65°	3716	3302	3322
70°	3439	3081	3132
75°	3073	2802	2922
80°	2479	2516	2714
85°	1747	2274	2501



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	44.7	2.7
10°-20°	128.5	7.7
20°-30°	195.4	11.7
30°-40°	237.2	14.2
40°-50°	250.7	15.0
50°-60°	234.6	14.0
60°-70°	192.5	11.5
70°-80°	132.4	7.9
80°-90°	72.5	4.3
90°-100°	46.7	2.8
100°-110°	41.9	2.5
110°-120°	34.7	2.1
120°-130°	26.7	1.6
130°-140°	18.8	1.1
140°-150°	11.3	0.7
150°-160°	5.4	0.3
160°-170°	1.8	0.1
170°-180°	0.2	0.0
0°-30°	368.7	22.0
0°-40°	605.9	36.2
0°-60°	1091.2	65.1
0°-90°	1488.6	88.8
90°-120°	123.3	7.4
90°-150°	180.0	10.7
90°-180°	187.0	11.2
0°-180°	1676.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	471	471	471	471	471	
5°	473	472	467	471	470	45
15°	452	454	453	459	459	128
25°	414	418	423	432	432	191
35°	360	369	380	390	393	225
45°	296	310	327	342	346	228
55°	225	244	266	282	288	202
65°	152	173	199	217	223	151
75°	80	101	130	150	157	84
85°	18	42	71	90	97	20
90°	0	23	50	68	75	1
95°	0	22	48	65	72	0
105°	0	18	45	61	67	1
115°	1	16	38	54	61	1
125°	1	14	32	47	52	1
135°	1	11	26	38	43	1
145°	1	8	18	29	32	1
155°	1	5	12	18	21	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°	470.8	470.8	470.8	470.8	470.8
2.5°	473.7	472.7	467.9	471.8	469.8
5°	472.7	471.8	466.9	470.8	469.8
7.5°	468.9	468.9	465.9	469.8	468.9
10°	465.0	465.0	462.1	466.9	465.9
12.5°	459.1	460.1	458.2	464.0	463.0
15°	452.3	454.3	453.3	459.1	459.1
17.5°	444.6	446.5	446.5	453.3	453.3
20°	434.9	437.8	439.7	447.5	447.5
22.5°	425.2	429.1	432.0	438.8	441.7
25°	413.5	418.4	423.2	432.0	432.0
27.5°	401.9	407.7	413.5	422.3	423.2
30°	388.3	395.1	402.8	411.6	413.5
32.5°	374.7	383.4	391.2	401.9	404.8
35°	360.1	368.9	379.5	390.2	393.1
37.5°	343.6	354.3	367.9	379.5	382.5
40°	329.1	340.7	354.3	367.9	370.8
42.5°	312.6	325.2	341.7	354.3	359.2
45°	296.1	309.7	327.1	341.7	345.6
47.5°	278.6	294.1	313.5	327.1	332.0
50°	261.1	277.6	298.0	313.5	317.4
52.5°	243.6	261.1	282.5	298.0	302.9
55°	225.2	243.6	266.0	282.5	288.3
57.5°	207.7	226.2	249.5	266.9	272.8
60°	188.3	209.7	233.0	250.4	257.2
62.5°	171.8	191.2	216.5	233.9	239.8
65°	152.4	172.8	199.0	217.4	223.3
67.5°	134.0	155.3	181.5	200.9	206.8
70°	115.5	136.9	165.0	183.5	190.3
72.5°	97.1	119.4	146.6	167.0	173.8
75°	79.6	101.0	130.1	150.5	157.3
77.5°	61.2	84.5	113.6	134.0	141.7
80°	44.7	68.9	98.0	118.4	126.2
82.5°	30.1	54.4	83.5	103.9	111.6
85°	17.5	41.7	70.9	90.3	97.1
87.5°	8.7	32.0	59.2	78.6	85.4
90°	0.0	23.3	49.5	67.9	74.7
92.5°	0.0	22.3	48.5	66.0	72.8
95°	0.0	22.3	47.6	65.0	71.8
97.5°	0.0	21.4	46.6	65.0	70.9
100°	0.0	20.4	46.6	64.1	69.9
102.5°	0.0	19.4	45.6	63.1	68.9
105°	0.0	18.4	44.7	61.2	67.0
107.5°	1.0	18.4	42.7	60.2	66.0
110°	1.0	17.5	40.8	59.2	65.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.0	16.5	38.8	57.3	63.1
115°	1.0	16.5	37.9	54.4	61.2
117.5°	1.0	15.5	35.9	52.4	59.2
120°	1.0	15.5	34.9	50.5	56.3
122.5°	1.0	14.6	33.0	48.5	54.4
125°	1.0	13.6	32.0	46.6	52.4
127.5°	1.0	12.6	31.1	44.7	50.5
130°	1.0	11.6	29.1	42.7	47.6
132.5°	1.0	11.6	28.2	39.8	45.6
135°	1.0	10.7	26.2	37.9	42.7
137.5°	1.0	9.7	24.3	35.9	40.8
140°	1.0	8.7	22.3	34.0	37.9
142.5°	1.0	8.7	20.4	31.1	34.9
145°	1.0	7.8	18.4	29.1	32.0
147.5°	1.0	6.8	16.5	26.2	29.1
150°	1.0	6.8	14.6	23.3	26.2
152.5°	1.0	5.8	12.6	21.4	24.3
155°	1.0	4.9	11.6	18.4	21.4
157.5°	1.0	4.9	9.7	15.5	18.4
160°	1.0	3.9	8.7	12.6	15.5
162.5°	1.0	3.9	7.8	10.7	13.6
165°	1.0	2.9	5.8	8.7	10.7
167.5°	1.0	2.9	4.9	6.8	8.7
170°	1.0	1.9	3.9	4.9	6.8
172.5°	1.0	1.9	2.9	2.9	2.9
175°	1.0	1.0	1.9	1.9	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)