

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: P565916

Luminaire Tested: **2SNX-SL3-SLW-UNV-CC93-CD-3500K-LOW**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565916  
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: 2SNX-SL3-SLW-UNV-CC93-CD-3500K-LOW  
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, LOW LUMEN SETTING, AND SLW LENS  
Light Source: -  
Ballast/Driver: -

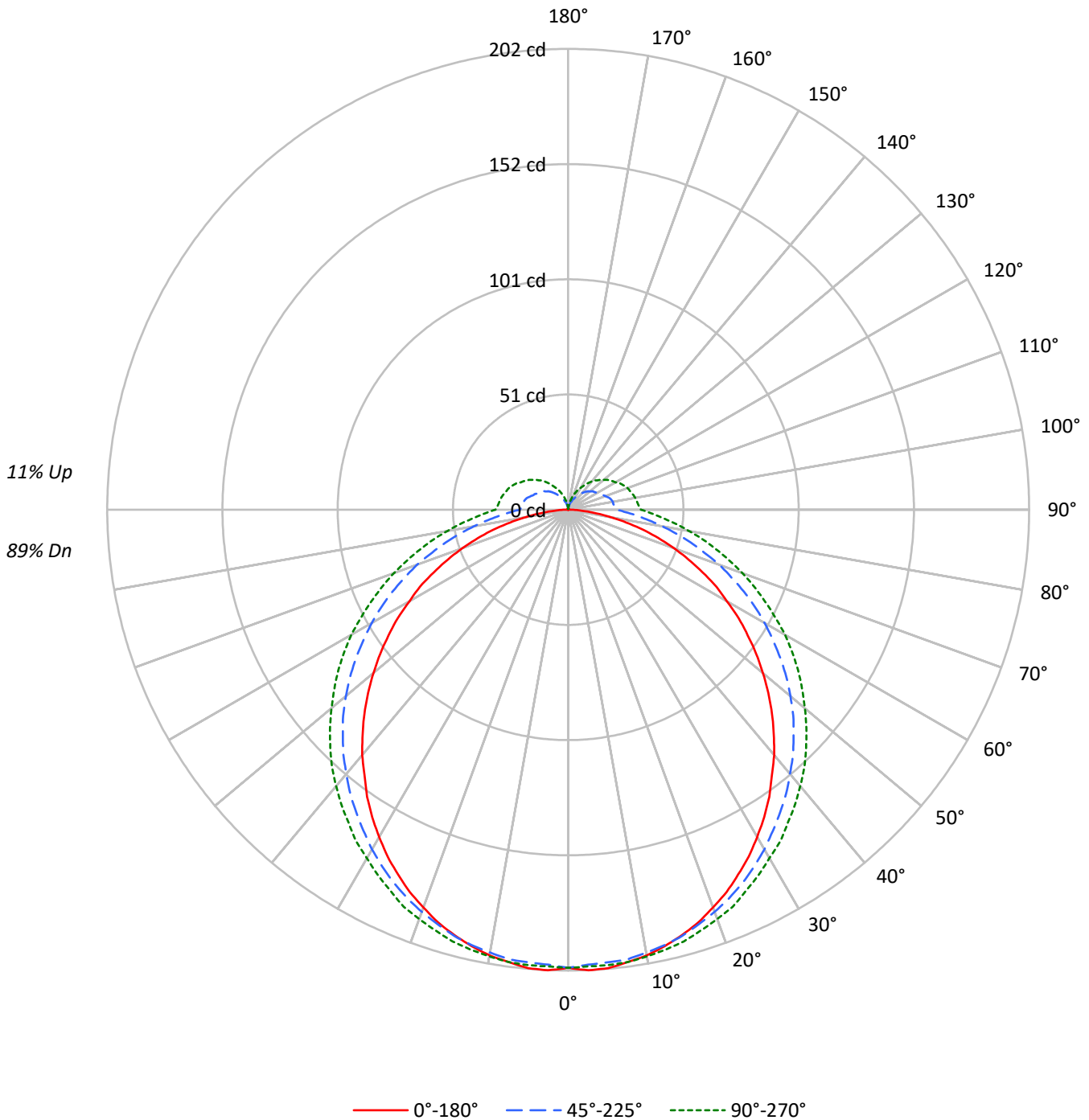
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 715.0 lumens  
Efficiency: N/A  
Efficacy: 103.2 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')  
CIE Type: Semi-Direct  
  
Input Watts (W): 6.93  
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°	4323	4323	4323
5°	4343	4208	4208
10°	4306	4117	4105
15°	4254	4025	4009
20°	4186	3921	3902
25°	4111	3819	3791
30°	4020	3708	3680
35°	3923	3591	3576
40°	3813	3478	3477
45°	3692	3362	3369
50°	3555	3238	3249
55°	3405	3093	3132
60°	3226	2936	2999
65°	3040	2761	2833
70°	2785	2568	2673
75°	2449	2325	2493
80°	1907	2075	2314
85°	1257	1856	2133



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	19.1	2.7
10°-20°	54.8	7.7
20°-30°	83.4	11.7
30°-40°	101.2	14.2
40°-50°	107.0	15.0
50°-60°	100.1	14.0
60°-70°	82.1	11.5
70°-80°	56.5	7.9
80°-90°	30.9	4.3
90°-100°	19.9	2.8
100°-110°	17.9	2.5
110°-120°	14.8	2.1
120°-130°	11.4	1.6
130°-140°	8.0	1.1
140°-150°	4.8	0.7
150°-160°	2.3	0.3
160°-170°	0.8	0.1
170°-180°	0.1	0.0
0°-30°	157.3	22.0
0°-40°	258.5	36.2
0°-60°	465.5	65.1
0°-90°	635.0	88.8
90°-120°	52.6	7.4
90°-150°	76.8	10.7
90°-180°	80.0	11.2
0°-180°	715.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	201	201	201	201	201	
5°	202	201	199	201	200	19
15°	193	194	193	196	196	54
25°	176	178	181	184	184	81
35°	154	157	162	166	168	96
45°	126	132	140	146	147	97
55°	96	104	114	120	123	86
65°	65	74	85	93	95	64
75°	34	43	56	64	67	36
85°	8	18	30	38	41	9
90°	0	10	21	29	32	1
95°	0	10	20	28	31	0
105°	0	8	19	26	29	0
115°	0	7	16	23	26	0
125°	0	6	14	20	22	0
135°	0	5	11	16	18	0
145°	0	3	8	12	14	0
155°	0	2	5	8	9	0
165°	0	1	2	4	5	0
175°	0	0	1	1	0	0
180°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	200.8	200.8	200.8	200.8	200.8
2.5°	202.1	201.7	199.6	201.3	200.4
5°	201.7	201.3	199.2	200.8	200.4
7.5°	200.0	200.0	198.8	200.4	200.0
10°	198.4	198.4	197.1	199.2	198.8
12.5°	195.9	196.3	195.5	197.9	197.5
15°	193.0	193.8	193.4	195.9	195.9
17.5°	189.7	190.5	190.5	193.4	193.4
20°	185.5	186.8	187.6	190.9	190.9
22.5°	181.4	183.0	184.3	187.2	188.4
25°	176.4	178.5	180.6	184.3	184.3
27.5°	171.4	173.9	176.4	180.1	180.6
30°	165.6	168.5	171.9	175.6	176.4
32.5°	159.8	163.6	166.9	171.4	172.7
35°	153.6	157.4	161.9	166.5	167.7
37.5°	146.6	151.2	156.9	161.9	163.2
40°	140.4	145.4	151.2	156.9	158.2
42.5°	133.3	138.7	145.8	151.2	153.2
45°	126.3	132.1	139.6	145.8	147.4
47.5°	118.9	125.5	133.8	139.6	141.6
50°	111.4	118.4	127.1	133.8	135.4
52.5°	103.9	111.4	120.5	127.1	129.2
55°	96.1	103.9	113.5	120.5	123.0
57.5°	88.6	96.5	106.4	113.9	116.4
60°	80.3	89.4	99.4	106.8	109.7
62.5°	73.3	81.6	92.3	99.8	102.3
65°	65.0	73.7	84.9	92.8	95.2
67.5°	57.1	66.3	77.4	85.7	88.2
70°	49.3	58.4	70.4	78.3	81.2
72.5°	41.4	50.9	62.5	71.2	74.1
75°	34.0	43.1	55.5	64.2	67.1
77.5°	26.1	36.0	48.5	57.1	60.5
80°	19.0	29.4	41.8	50.5	53.8
82.5°	12.8	23.2	35.6	44.3	47.6
85°	7.5	17.8	30.2	38.5	41.4
87.5°	3.7	13.7	25.3	33.5	36.4
90°	0.0	9.9	21.1	29.0	31.9
92.5°	0.0	9.5	20.7	28.2	31.1
95°	0.0	9.5	20.3	27.7	30.6
97.5°	0.0	9.1	19.9	27.7	30.2
100°	0.0	8.7	19.9	27.3	29.8
102.5°	0.0	8.3	19.5	26.9	29.4
105°	0.0	7.9	19.0	26.1	28.6
107.5°	0.4	7.9	18.2	25.7	28.2
110°	0.4	7.5	17.4	25.3	27.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	0.4	7.0	16.6	24.4	26.9
115°	0.4	7.0	16.2	23.2	26.1
117.5°	0.4	6.6	15.3	22.4	25.3
120°	0.4	6.6	14.9	21.5	24.0
122.5°	0.4	6.2	14.1	20.7	23.2
125°	0.4	5.8	13.7	19.9	22.4
127.5°	0.4	5.4	13.3	19.0	21.5
130°	0.4	5.0	12.4	18.2	20.3
132.5°	0.4	5.0	12.0	17.0	19.5
135°	0.4	4.6	11.2	16.2	18.2
137.5°	0.4	4.1	10.4	15.3	17.4
140°	0.4	3.7	9.5	14.5	16.2
142.5°	0.4	3.7	8.7	13.3	14.9
145°	0.4	3.3	7.9	12.4	13.7
147.5°	0.4	2.9	7.0	11.2	12.4
150°	0.4	2.9	6.2	9.9	11.2
152.5°	0.4	2.5	5.4	9.1	10.4
155°	0.4	2.1	5.0	7.9	9.1
157.5°	0.4	2.1	4.1	6.6	7.9
160°	0.4	1.7	3.7	5.4	6.6
162.5°	0.4	1.7	3.3	4.6	5.8
165°	0.4	1.2	2.5	3.7	4.6
167.5°	0.4	1.2	2.1	2.9	3.7
170°	0.4	0.8	1.7	2.1	2.9
172.5°	0.4	0.8	1.2	1.2	1.2
175°	0.4	0.4	0.8	0.8	0.4
177.5°	0.4	0.4	0.4	0.4	0.4
180°	0.4	0.4	0.4	0.4	0.4

(END OF REPORT)