

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: P565923

Luminaire Tested: **2SNX-SL3-SLW-UNV-CC93-CD-5000K-MED**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565923  
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-5000K-MED  
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, MED LUMEN SETTING, AND SLW LENS  
Light Source: -  
Ballast/Driver: -

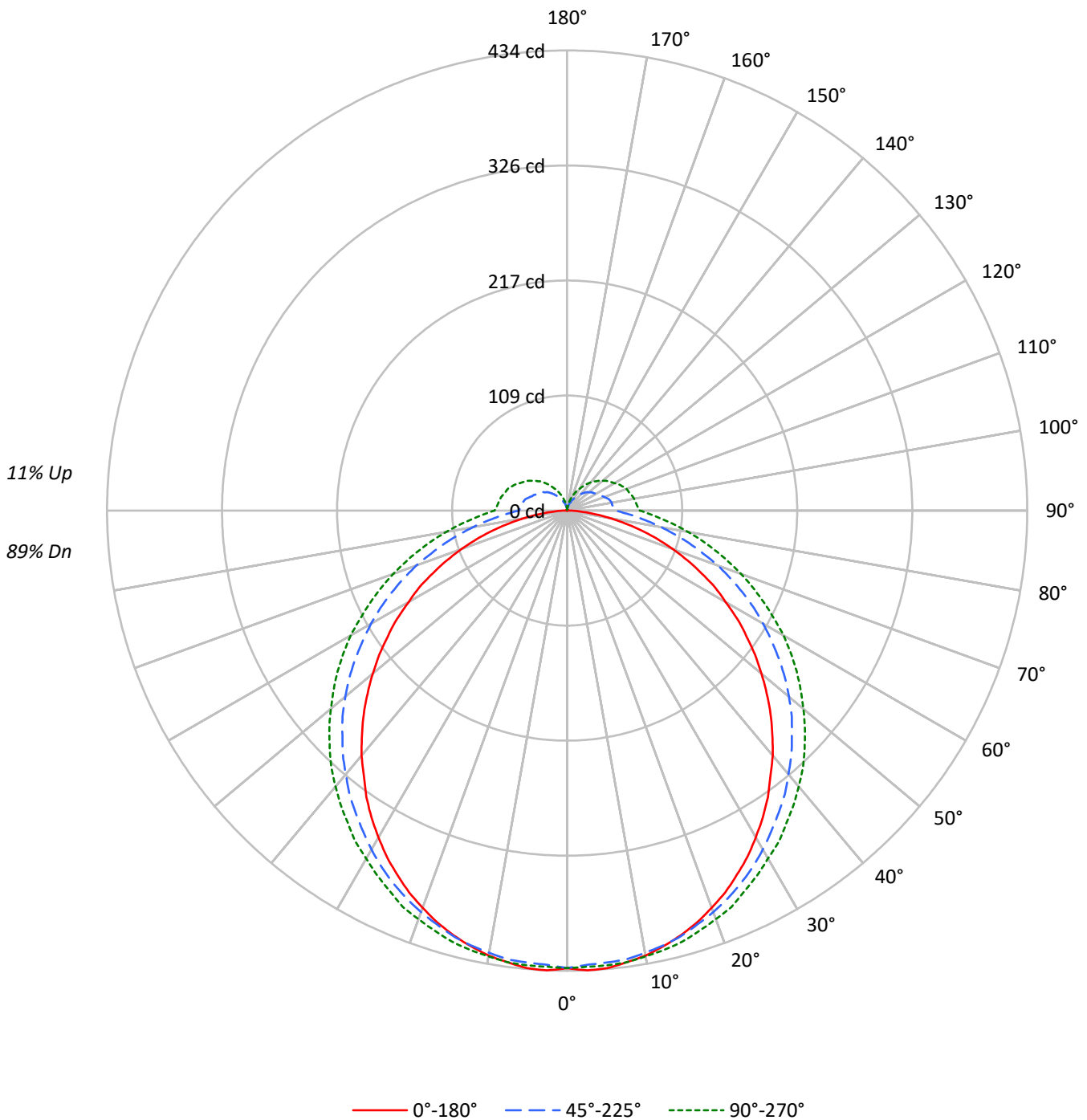
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1536.0 lumens  
Efficiency: N/A  
Efficacy: 116.4 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): 13.2  
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°	9289	9289	9289
5°	9328	9038	9043
10°	9247	8846	8818
15°	9139	8648	8612
20°	8996	8423	8382
25°	8832	8204	8143
30°	8638	7963	7906
35°	8428	7714	7683
40°	8191	7470	7469
45°	7931	7220	7239
50°	7637	6957	6981
55°	7313	6644	6727
60°	6933	6307	6443
65°	6535	5932	6088
70°	5983	5515	5741
75°	5250	4993	5353
80°	4105	4462	4976
85°	2681	3989	4585



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	41.0	2.7
10°-20°	117.8	7.7
20°-30°	179.1	11.7
30°-40°	217.4	14.2
40°-50°	229.7	15.0
50°-60°	215.0	14.0
60°-70°	176.4	11.5
70°-80°	121.3	7.9
80°-90°	66.5	4.3
90°-100°	42.8	2.8
100°-110°	38.4	2.5
110°-120°	31.8	2.1
120°-130°	24.5	1.6
130°-140°	17.2	1.1
140°-150°	10.4	0.7
150°-160°	5.0	0.3
160°-170°	1.6	0.1
170°-180°	0.2	0.0
0°-30°	337.9	22.0
0°-40°	555.3	36.2
0°-60°	1000.0	65.1
0°-90°	1364.2	88.8
90°-120°	113.0	7.4
90°-150°	165.0	10.7
90°-180°	172.0	11.2
0°-180°	1536.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	432	432	432	432	432	
5°	433	432	428	432	431	41
15°	415	416	416	421	421	117
25°	379	383	388	396	396	175
35°	330	338	348	358	360	206
45°	271	284	300	313	317	209
55°	206	223	244	259	264	185
65°	140	158	182	199	205	138
75°	73	92	119	138	144	77
85°	16	38	65	83	89	19
90°	0	21	45	62	68	1
95°	0	20	44	60	66	0
105°	0	17	41	56	61	1
115°	1	15	35	50	56	1
125°	1	12	29	43	48	1
135°	1	10	24	35	39	1
145°	1	7	17	27	29	1
155°	1	4	11	17	20	0
165°	1	3	5	8	10	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°	431.5	431.5	431.5	431.5	431.5
2.5°	434.1	433.2	428.8	432.4	430.6
5°	433.2	432.4	427.9	431.5	430.6
7.5°	429.7	429.7	427.0	430.6	429.7
10°	426.1	426.1	423.5	427.9	427.0
12.5°	420.8	421.7	419.9	425.2	424.3
15°	414.6	416.3	415.5	420.8	420.8
17.5°	407.4	409.2	409.2	415.5	415.5
20°	398.6	401.2	403.0	410.1	410.1
22.5°	389.7	393.2	395.9	402.1	404.8
25°	379.0	383.4	387.9	395.9	395.9
27.5°	368.3	373.6	379.0	387.0	387.9
30°	355.8	362.1	369.2	377.2	379.0
32.5°	343.4	351.4	358.5	368.3	371.0
35°	330.0	338.1	347.8	357.6	360.3
37.5°	314.9	324.7	337.2	347.8	350.5
40°	301.6	312.3	324.7	337.2	339.8
42.5°	286.5	298.0	313.1	324.7	329.2
45°	271.3	283.8	299.8	313.1	316.7
47.5°	255.3	269.6	287.3	299.8	304.3
50°	239.3	254.4	273.1	287.3	290.9
52.5°	223.3	239.3	258.9	273.1	277.6
55°	206.4	223.3	243.8	258.9	264.2
57.5°	190.4	207.3	228.6	244.6	250.0
60°	172.6	192.2	213.5	229.5	235.7
62.5°	157.5	175.3	198.4	214.4	219.7
65°	139.7	158.4	182.4	199.3	204.6
67.5°	122.8	142.3	166.4	184.2	189.5
70°	105.9	125.4	151.2	168.1	174.4
72.5°	89.0	109.4	134.3	153.0	159.2
75°	72.9	92.5	119.2	137.9	144.1
77.5°	56.0	77.4	104.1	122.8	129.9
80°	40.9	63.2	89.9	108.5	115.7
82.5°	27.6	49.8	76.5	95.2	102.3
85°	16.0	38.3	64.9	82.7	89.0
87.5°	8.0	29.4	54.3	72.1	78.3
90°	0.0	21.4	45.4	62.3	68.5
92.5°	0.0	20.5	44.5	60.5	66.7
95°	0.0	20.5	43.6	59.6	65.8
97.5°	0.0	19.6	42.7	59.6	64.9
100°	0.0	18.7	42.7	58.7	64.1
102.5°	0.0	17.8	41.8	57.8	63.2
105°	0.0	16.9	40.9	56.0	61.4
107.5°	0.9	16.9	39.1	55.2	60.5
110°	0.9	16.0	37.4	54.3	59.6



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	0.9	15.1	35.6	52.5	57.8
115°	0.9	15.1	34.7	49.8	56.0
117.5°	0.9	14.2	32.9	48.0	54.3
120°	0.9	14.2	32.0	46.3	51.6
122.5°	0.9	13.3	30.2	44.5	49.8
125°	0.9	12.5	29.4	42.7	48.0
127.5°	0.9	11.6	28.5	40.9	46.3
130°	0.9	10.7	26.7	39.1	43.6
132.5°	0.9	10.7	25.8	36.5	41.8
135°	0.9	9.8	24.0	34.7	39.1
137.5°	0.9	8.9	22.2	32.9	37.4
140°	0.9	8.0	20.5	31.1	34.7
142.5°	0.9	8.0	18.7	28.5	32.0
145°	0.9	7.1	16.9	26.7	29.4
147.5°	0.9	6.2	15.1	24.0	26.7
150°	0.9	6.2	13.3	21.4	24.0
152.5°	0.9	5.3	11.6	19.6	22.2
155°	0.9	4.4	10.7	16.9	19.6
157.5°	0.9	4.4	8.9	14.2	16.9
160°	0.9	3.6	8.0	11.6	14.2
162.5°	0.9	3.6	7.1	9.8	12.5
165°	0.9	2.7	5.3	8.0	9.8
167.5°	0.9	2.7	4.4	6.2	8.0
170°	0.9	1.8	3.6	4.4	6.2
172.5°	0.9	1.8	2.7	2.7	2.7
175°	0.9	0.9	1.8	1.8	0.9
177.5°	0.9	0.9	0.9	0.9	0.9
180°	0.9	0.9	0.9	0.9	0.9

(END OF REPORT)