

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: P565899

Luminaire Tested: **2SNX-SL3-LW-UNV-CC93-CD-3500K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565899
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-LW-UNV-CC93-CD-3500K-MED
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, MED LUMEN SETTING, AND LW LENS
Light Source: -
Ballast/Driver: -

Summary

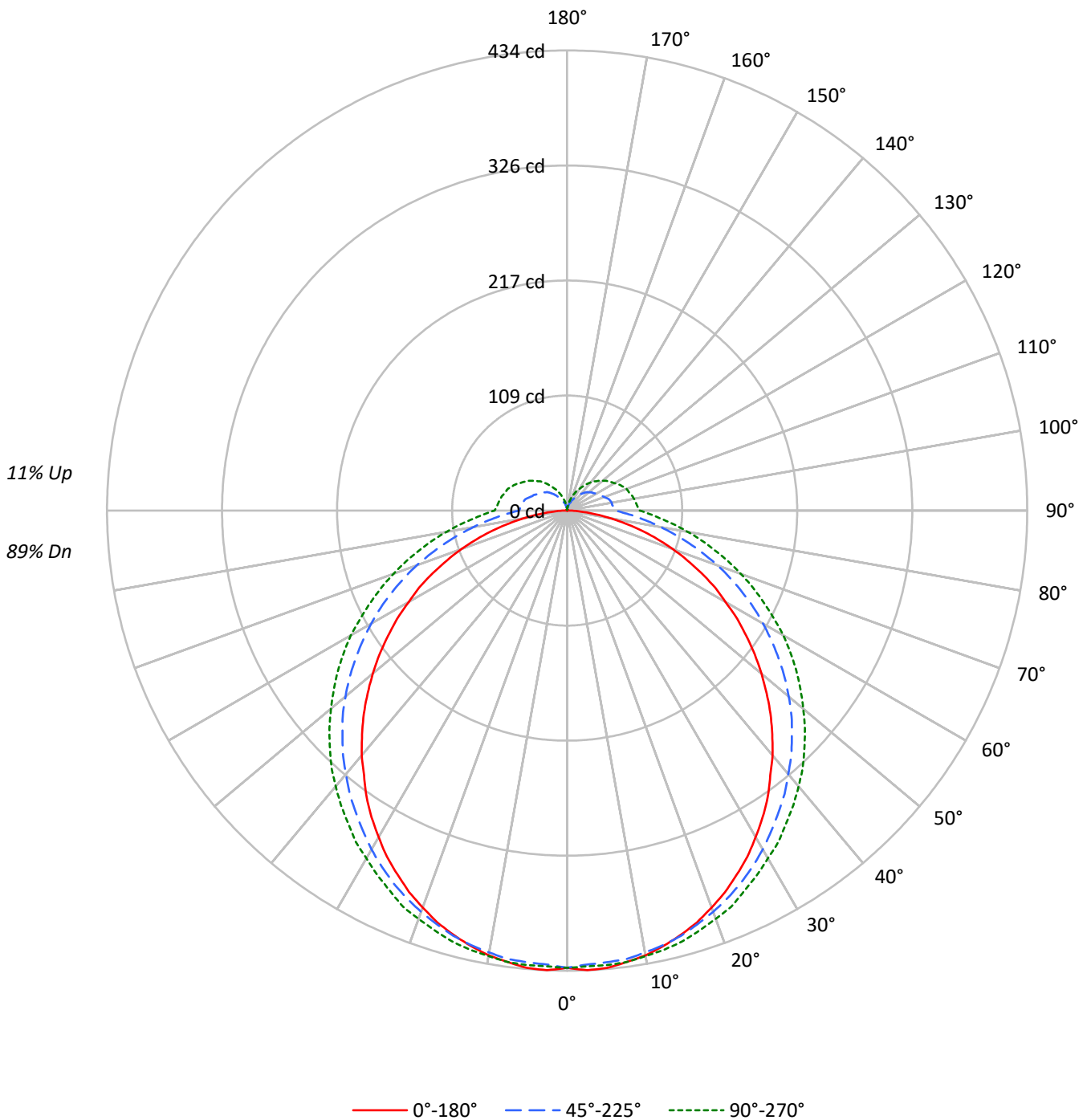
Lumens per Lamp: N/A
Luminaire Lumens: 1535.0 lumens
Efficiency: N/A
Efficacy: 110.8 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Semi-Direct

Input Watts (W): 13.86
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°	9283	9283	9283
5°	9289	8831	8786
10°	9175	8460	8346
15°	9032	8102	7951
20°	8856	7733	7555
25°	8659	7381	7168
30°	8434	7022	6797
35°	8189	6661	6452
40°	7917	6311	6120
45°	7622	5960	5781
50°	7287	5600	5425
55°	6919	5203	5076
60°	6490	4789	4708
65°	6033	4345	4287
70°	5419	3871	3874
75°	4625	3325	3434
80°	3443	2778	2998
85°	2024	2270	2547



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.0	2.7
10°-20°	117.7	7.7
20°-30°	179.0	11.7
30°-40°	217.3	14.2
40°-50°	229.6	15.0
50°-60°	214.8	14.0
60°-70°	176.3	11.5
70°-80°	121.2	7.9
80°-90°	66.4	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°	337.7	22.0
0°-40°	554.9	36.2
0°-60°	999.4	65.1
0°-90°	1363.3	88.8
90°-120°	112.9	7.4
90°-150°	164.9	10.7
90°-180°	172.0	11.2
0°-180°	1535.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	431	431	431	431	431	
5°	433	432	428	431	430	41
15°	414	416	415	420	420	117
25°	379	383	388	396	396	175
35°	330	338	348	357	360	206
45°	271	284	300	313	316	209
55°	206	223	244	259	264	185
65°	140	158	182	199	204	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°	431.2	431.2	431.2	431.2	431.2
2.5°	433.9	433.0	428.5	432.1	430.3
5°	433.0	432.1	427.6	431.2	430.3
7.5°	429.4	429.4	426.7	430.3	429.4
10°	425.9	425.9	423.2	427.6	426.7
12.5°	420.5	421.4	419.6	425.0	424.1
15°	414.3	416.1	415.2	420.5	420.5
17.5°	407.2	409.0	409.0	415.2	415.2
20°	398.3	401.0	402.7	409.8	409.8
22.5°	389.4	393.0	395.6	401.8	404.5
25°	378.7	383.2	387.6	395.6	395.6
27.5°	368.1	373.4	378.7	386.7	387.6
30°	355.6	361.8	369.0	377.0	378.7
32.5°	343.2	351.2	358.3	368.1	370.7
35°	329.8	337.8	347.6	357.4	360.1
37.5°	314.7	324.5	336.9	347.6	350.3
40°	301.4	312.1	324.5	336.9	339.6
42.5°	286.3	297.8	312.9	324.5	328.9
45°	271.2	283.6	299.6	312.9	316.5
47.5°	255.2	269.4	287.2	299.6	304.1
50°	239.2	254.3	272.9	287.2	290.7
52.5°	223.1	239.2	258.7	272.9	277.4
55°	206.3	223.1	243.6	258.7	264.0
57.5°	190.3	207.1	228.5	244.5	249.8
60°	172.5	192.0	213.4	229.4	235.6
62.5°	157.4	175.1	198.3	214.3	219.6
65°	139.6	158.2	182.3	199.1	204.5
67.5°	122.7	142.2	166.3	184.0	189.4
70°	105.8	125.4	151.1	168.0	174.3
72.5°	88.9	109.4	134.2	152.9	159.1
75°	72.9	92.5	119.1	137.8	144.0
77.5°	56.0	77.3	104.0	122.7	129.8
80°	40.9	63.1	89.8	108.5	115.6
82.5°	27.6	49.8	76.5	95.1	102.2
85°	16.0	38.2	64.9	82.7	88.9
87.5°	8.0	29.3	54.2	72.0	78.2
90°	0.0	21.3	45.3	62.2	68.5
92.5°	0.0	20.4	44.5	60.5	66.7
95°	0.0	20.4	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	64.0
102.5°	0.0	17.8	41.8	57.8	63.1
105°	0.0	16.9	40.9	56.0	61.3
107.5°	0.9	16.9	39.1	55.1	60.5
110°	0.9	16.0	37.3	54.2	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	54.2
120°	0.9	14.2	32.0	46.2	51.6
122.5°	0.9	13.3	30.2	44.5	49.8
125°	0.9	12.4	29.3	42.7	48.0
127.5°	0.9	11.6	28.4	40.9	46.2
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	37.3
140°	0.9	8.0	20.4	31.1	34.7
142.5°	0.9	8.0	18.7	28.4	32.0
145°	0.9	7.1	16.9	26.7	29.3
147.5°	0.9	6.2	15.1	24.0	26.7
150°	0.9	6.2	13.3	21.3	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	12.4
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)