

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: P565917

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565917
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-MED
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, MED LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

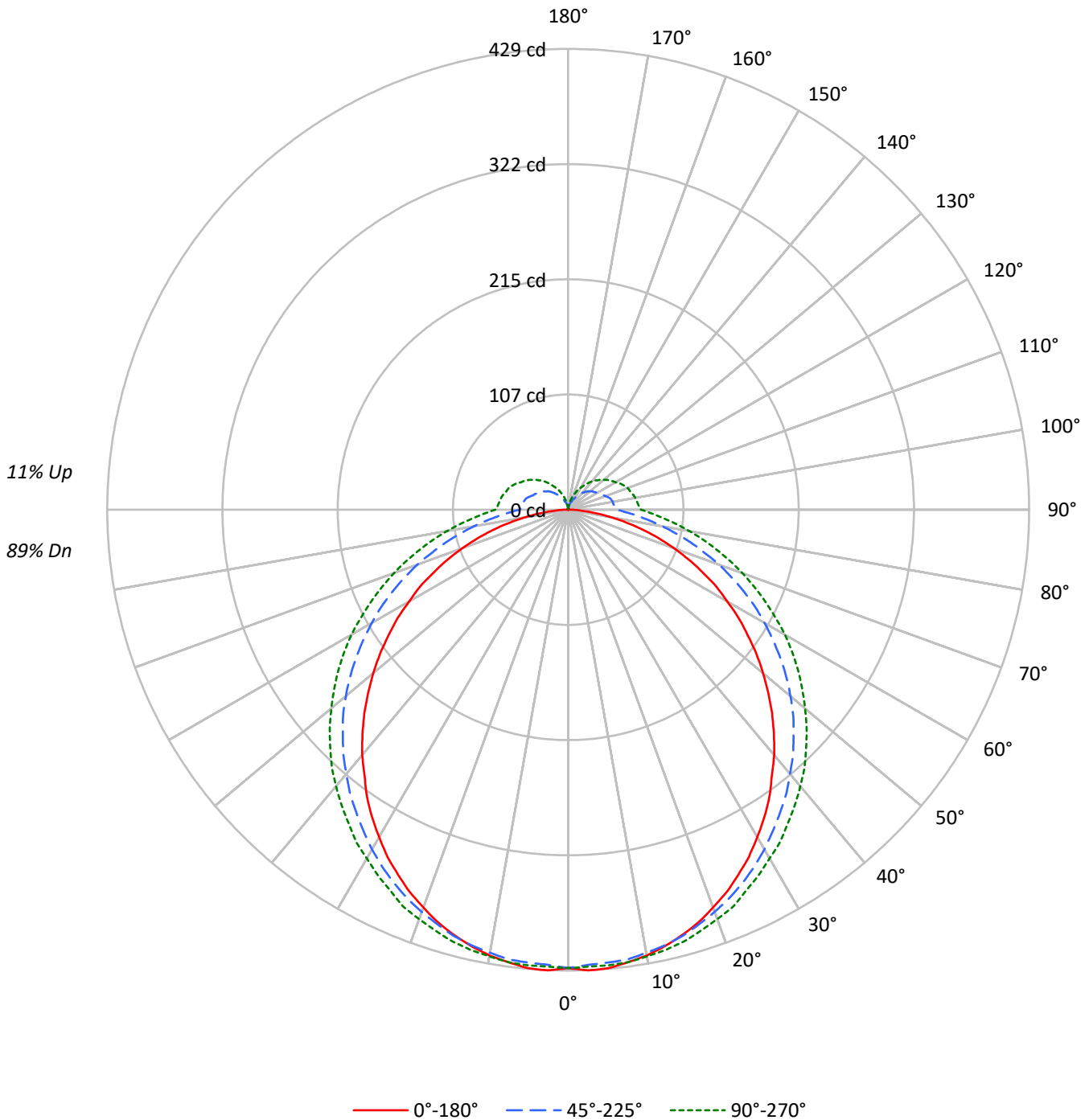
Lumens per Lamp: N/A
Luminaire Lumens: 1519.0 lumens
Efficiency: N/A
Efficacy: 109.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 13.86
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

TEST NUMBER: P565917

CATALOG NUMBER: 2SNX-SL3-SLW-UNV-CC93-CD-3500K-MED

Luminous Intensity Polar Plot





TEST NUMBER: P565917

CATALOG NUMBER: 2SNX-SL3-SLW-UNV-CC93-CD-3500K-MED

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°	9186	9186	9186
5°	9226	8939	8942
10°	9145	8748	8721
15°	9037	8553	8516
20°	8894	8329	8290
25°	8734	8113	8053
30°	8543	7875	7818
35°	8336	7630	7598
40°	8098	7387	7387
45°	7843	7141	7159
50°	7554	6880	6904
55°	7232	6571	6653
60°	6857	6236	6372
65°	6460	5867	6019
70°	5916	5457	5675
75°	5193	4939	5294
80°	4064	4412	4920
85°	2647	3946	4533



TEST NUMBER: P565917

CATALOG NUMBER: 2SNX-SL3-SLW-UNV-CC93-CD-3500K-MED

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.5	2.7
10°-20°	116.5	7.7
20°-30°	177.1	11.7
30°-40°	215.0	14.2
40°-50°	227.2	15.0
50°-60°	212.6	14.0
60°-70°	174.4	11.5
70°-80°	120.0	7.9
80°-90°	65.7	4.3
90°-100°	42.3	2.8
100°-110°	38.0	2.5
110°-120°	31.4	2.1
120°-130°	24.2	1.6
130°-140°	17.0	1.1
140°-150°	10.3	0.7
150°-160°	4.9	0.3
160°-170°	1.6	0.1
170°-180°	0.2	0.0
0°-30°	334.2	22.0
0°-40°	549.2	36.2
0°-60°	989.0	65.1
0°-90°	1349.1	88.8
90°-120°	111.7	7.4
90°-150°	163.2	10.7
90°-180°	170.0	11.2
0°-180°	1519.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	427	427	427	427	427	
5°	428	428	423	427	426	41
15°	410	412	411	416	416	116
25°	375	379	384	392	392	173
35°	326	334	344	354	356	204
45°	268	281	296	310	313	207
55°	204	221	241	256	261	183
65°	138	157	180	197	202	137
75°	72	92	118	136	142	76
85°	16	38	64	82	88	18
90°	0	21	45	62	68	1
95°	0	20	43	59	65	0
105°	0	17	40	55	61	1
115°	1	15	34	49	55	1
125°	1	12	29	42	48	1
135°	1	10	24	34	39	1
145°	1	7	17	26	29	1
155°	1	4	11	17	19	0
165°	1	3	5	8	10	0
175°	1	1	2	2	1	0
180°	1	1	1	1	1	



TEST NUMBER: P565917

CATALOG NUMBER: 2SNX-SL3-SLW-UNV-CC93-CD-3500K-MED

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	426.7	426.7	426.7	426.7	426.7
2.5°	429.3	428.5	424.1	427.6	425.8
5°	428.5	427.6	423.2	426.7	425.8
7.5°	424.9	424.9	422.3	425.8	424.9
10°	421.4	421.4	418.8	423.2	422.3
12.5°	416.1	417.0	415.3	420.5	419.7
15°	410.0	411.7	410.9	416.1	416.1
17.5°	402.9	404.7	404.7	410.9	410.9
20°	394.1	396.8	398.5	405.6	405.6
22.5°	385.3	388.9	391.5	397.7	400.3
25°	374.8	379.2	383.6	391.5	391.5
27.5°	364.2	369.5	374.8	382.7	383.6
30°	351.9	358.1	365.1	373.0	374.8
32.5°	339.6	347.5	354.5	364.2	366.9
35°	326.4	334.3	344.0	353.7	356.3
37.5°	311.4	321.1	333.4	344.0	346.6
40°	298.2	308.8	321.1	333.4	336.1
42.5°	283.3	294.7	309.7	321.1	325.5
45°	268.3	280.6	296.5	309.7	313.2
47.5°	252.5	266.6	284.2	296.5	300.9
50°	236.7	251.6	270.1	284.2	287.7
52.5°	220.8	236.7	256.0	270.1	274.5
55°	204.1	220.8	241.1	256.0	261.3
57.5°	188.3	205.0	226.1	241.9	247.2
60°	170.7	190.0	211.1	227.0	233.1
62.5°	155.7	173.3	196.2	212.0	217.3
65°	138.1	156.6	180.4	197.1	202.3
67.5°	121.4	140.8	164.5	182.1	187.4
70°	104.7	124.0	149.6	166.3	172.4
72.5°	88.0	108.2	132.8	151.3	157.5
75°	72.1	91.5	117.9	136.4	142.5
77.5°	55.4	76.5	102.9	121.4	128.4
80°	40.5	62.5	88.9	107.3	114.4
82.5°	27.3	49.3	75.7	94.1	101.2
85°	15.8	37.8	64.2	81.8	88.0
87.5°	7.9	29.0	53.7	71.3	77.4
90°	0.0	21.1	44.9	61.6	67.7
92.5°	0.0	20.2	44.0	59.8	66.0
95°	0.0	20.2	43.1	58.9	65.1
97.5°	0.0	19.4	42.2	58.9	64.2
100°	0.0	18.5	42.2	58.1	63.3
102.5°	0.0	17.6	41.3	57.2	62.5
105°	0.0	16.7	40.5	55.4	60.7
107.5°	0.9	16.7	38.7	54.5	59.8
110°	0.9	15.8	37.0	53.7	58.9



TEST NUMBER: P565917

CATALOG NUMBER: 2SNX-SL3-SLW-UNV-CC93-CD-3500K-MED

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.9	15.0	35.2	51.9	57.2
115°	0.9	15.0	34.3	49.3	55.4
117.5°	0.9	14.1	32.6	47.5	53.7
120°	0.9	14.1	31.7	45.7	51.0
122.5°	0.9	13.2	29.9	44.0	49.3
125°	0.9	12.3	29.0	42.2	47.5
127.5°	0.9	11.4	28.2	40.5	45.7
130°	0.9	10.6	26.4	38.7	43.1
132.5°	0.9	10.6	25.5	36.1	41.3
135°	0.9	9.7	23.8	34.3	38.7
137.5°	0.9	8.8	22.0	32.6	37.0
140°	0.9	7.9	20.2	30.8	34.3
142.5°	0.9	7.9	18.5	28.2	31.7
145°	0.9	7.0	16.7	26.4	29.0
147.5°	0.9	6.2	15.0	23.8	26.4
150°	0.9	6.2	13.2	21.1	23.8
152.5°	0.9	5.3	11.4	19.4	22.0
155°	0.9	4.4	10.6	16.7	19.4
157.5°	0.9	4.4	8.8	14.1	16.7
160°	0.9	3.5	7.9	11.4	14.1
162.5°	0.9	3.5	7.0	9.7	12.3
165°	0.9	2.6	5.3	7.9	9.7
167.5°	0.9	2.6	4.4	6.2	7.9
170°	0.9	1.8	3.5	4.4	6.2
172.5°	0.9	1.8	2.6	2.6	2.6
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)