

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: P565920

Luminaire Tested: **2SNX-SL3-SLW-UNV-CC93-CD-4000K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565920
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-4000K-MED
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, MED LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

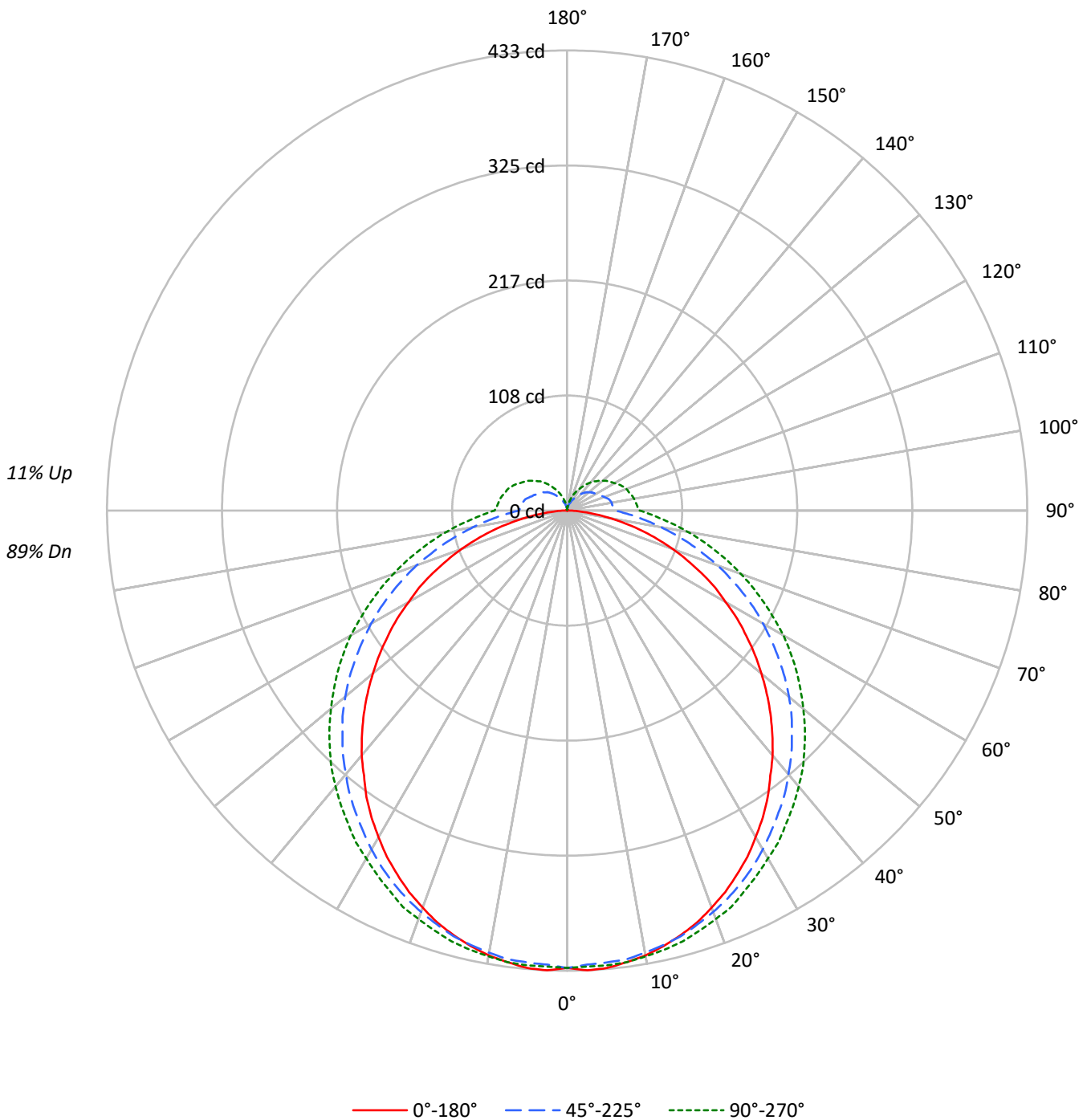
Lumens per Lamp: N/A
Luminaire Lumens: 1532.0 lumens
Efficiency: N/A
Efficacy: 114.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 13.332
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: P565920

CATALOG NUMBER: 2SNX-SL3-SLW-UNV-CC93-CD-4000K-MED

Luminous Intensity Polar Plot





TEST NUMBER: P565920

CATALOG NUMBER: 2SNX-SL3-SLW-UNV-CC93-CD-4000K-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	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°	9263	9263	9263
5°	9304	9015	9020
10°	9223	8823	8795
15°	9114	8625	8590
20°	8971	8400	8360
25°	8808	8182	8123
30°	8616	7942	7885
35°	8407	7694	7664
40°	8169	7451	7451
45°	7910	7201	7220
50°	7618	6939	6961
55°	7296	6625	6709
60°	6913	6292	6427
65°	6516	5915	6073
70°	5966	5501	5724
75°	5243	4981	5338
80°	4094	4447	4958
85°	2681	3983	4569



TEST NUMBER: P565920

CATALOG NUMBER: 2SNX-SL3-SLW-UNV-CC93-CD-4000K-MED

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.9	2.7
10°-20°	117.5	7.7
20°-30°	178.6	11.7
30°-40°	216.9	14.2
40°-50°	229.1	15.0
50°-60°	214.4	14.0
60°-70°	175.9	11.5
70°-80°	121.0	7.9
80°-90°	66.3	4.3
90°-100°	42.7	2.8
100°-110°	38.3	2.5
110°-120°	31.7	2.1
120°-130°	24.4	1.6
130°-140°	17.2	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°	337.0	22.0
0°-40°	553.9	36.2
0°-60°	997.4	65.1
0°-90°	1360.7	88.8
90°-120°	112.7	7.4
90°-150°	164.6	10.7
90°-180°	171.0	11.2
0°-180°	1532.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	430	430	430	430	430	
5°	432	431	427	430	430	41
15°	414	415	414	420	420	117
25°	378	382	387	395	395	174
35°	329	337	347	357	359	206
45°	271	283	299	312	316	209
55°	206	223	243	258	264	184
65°	139	158	182	199	204	138
75°	73	92	119	138	144	77
85°	16	38	65	82	89	18
90°	0	21	45	62	68	1
95°	0	20	44	59	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	



TEST NUMBER: P565920

CATALOG NUMBER: 2SNX-SL3-SLW-UNV-CC93-CD-4000K-MED

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	430.3	430.3	430.3	430.3	430.3
2.5°	433.0	432.1	427.7	431.2	429.5
5°	432.1	431.2	426.8	430.3	429.5
7.5°	428.6	428.6	425.9	429.5	428.6
10°	425.0	425.0	422.4	426.8	425.9
12.5°	419.7	420.6	418.8	424.1	423.2
15°	413.5	415.3	414.4	419.7	419.7
17.5°	406.4	408.2	408.2	414.4	414.4
20°	397.5	400.2	401.9	409.0	409.0
22.5°	388.6	392.2	394.9	401.1	403.7
25°	378.0	382.4	386.9	394.9	394.9
27.5°	367.3	372.7	378.0	386.0	386.9
30°	354.9	361.1	368.2	376.2	378.0
32.5°	342.5	350.5	357.6	367.3	370.0
35°	329.2	337.2	346.9	356.7	359.4
37.5°	314.1	323.9	336.3	346.9	349.6
40°	300.8	311.4	323.9	336.3	339.0
42.5°	285.7	297.2	312.3	323.9	328.3
45°	270.6	283.0	299.0	312.3	315.9
47.5°	254.7	268.9	286.6	299.0	303.5
50°	238.7	253.8	272.4	286.6	290.1
52.5°	222.7	238.7	258.2	272.4	276.8
55°	205.9	222.7	243.1	258.2	263.5
57.5°	189.9	206.7	228.0	244.0	249.3
60°	172.1	191.7	213.0	228.9	235.1
62.5°	157.1	174.8	197.9	213.8	219.2
65°	139.3	157.9	181.9	198.8	204.1
67.5°	122.4	142.0	165.9	183.7	189.0
70°	105.6	125.1	150.8	167.7	173.9
72.5°	88.7	109.1	134.0	152.6	158.8
75°	72.8	92.3	118.9	137.5	143.7
77.5°	55.9	77.2	103.8	122.4	129.5
80°	40.8	63.0	89.6	108.3	115.3
82.5°	27.5	49.7	76.3	94.9	102.0
85°	16.0	38.2	64.8	82.5	88.7
87.5°	8.0	29.3	54.1	71.9	78.1
90°	0.0	21.3	45.3	62.1	68.3
92.5°	0.0	20.4	44.4	60.3	66.5
95°	0.0	20.4	43.5	59.4	65.7
97.5°	0.0	19.5	42.6	59.4	64.8
100°	0.0	18.6	42.6	58.6	63.9
102.5°	0.0	17.7	41.7	57.7	63.0
105°	0.0	16.9	40.8	55.9	61.2
107.5°	0.9	16.9	39.0	55.0	60.3
110°	0.9	16.0	37.3	54.1	59.4



TEST NUMBER: P565920

CATALOG NUMBER: 2SNX-SL3-SLW-UNV-CC93-CD-4000K-MED

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.9	15.1	35.5	52.4	57.7
115°	0.9	15.1	34.6	49.7	55.9
117.5°	0.9	14.2	32.8	47.9	54.1
120°	0.9	14.2	31.9	46.1	51.5
122.5°	0.9	13.3	30.2	44.4	49.7
125°	0.9	12.4	29.3	42.6	47.9
127.5°	0.9	11.5	28.4	40.8	46.1
130°	0.9	10.6	26.6	39.0	43.5
132.5°	0.9	10.6	25.7	36.4	41.7
135°	0.9	9.8	24.0	34.6	39.0
137.5°	0.9	8.9	22.2	32.8	37.3
140°	0.9	8.0	20.4	31.1	34.6
142.5°	0.9	8.0	18.6	28.4	31.9
145°	0.9	7.1	16.9	26.6	29.3
147.5°	0.9	6.2	15.1	24.0	26.6
150°	0.9	6.2	13.3	21.3	24.0
152.5°	0.9	5.3	11.5	19.5	22.2
155°	0.9	4.4	10.6	16.9	19.5
157.5°	0.9	4.4	8.9	14.2	16.9
160°	0.9	3.5	8.0	11.5	14.2
162.5°	0.9	3.5	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	3.5	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)