

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: P565901

Luminaire Tested: **2SNX-SL3-LW-UNV-CC93-CD-4000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565901
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-4000K-LOW
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, LOW LUMEN SETTING, AND LW LENS
Light Source: -
Ballast/Driver: -

Summary

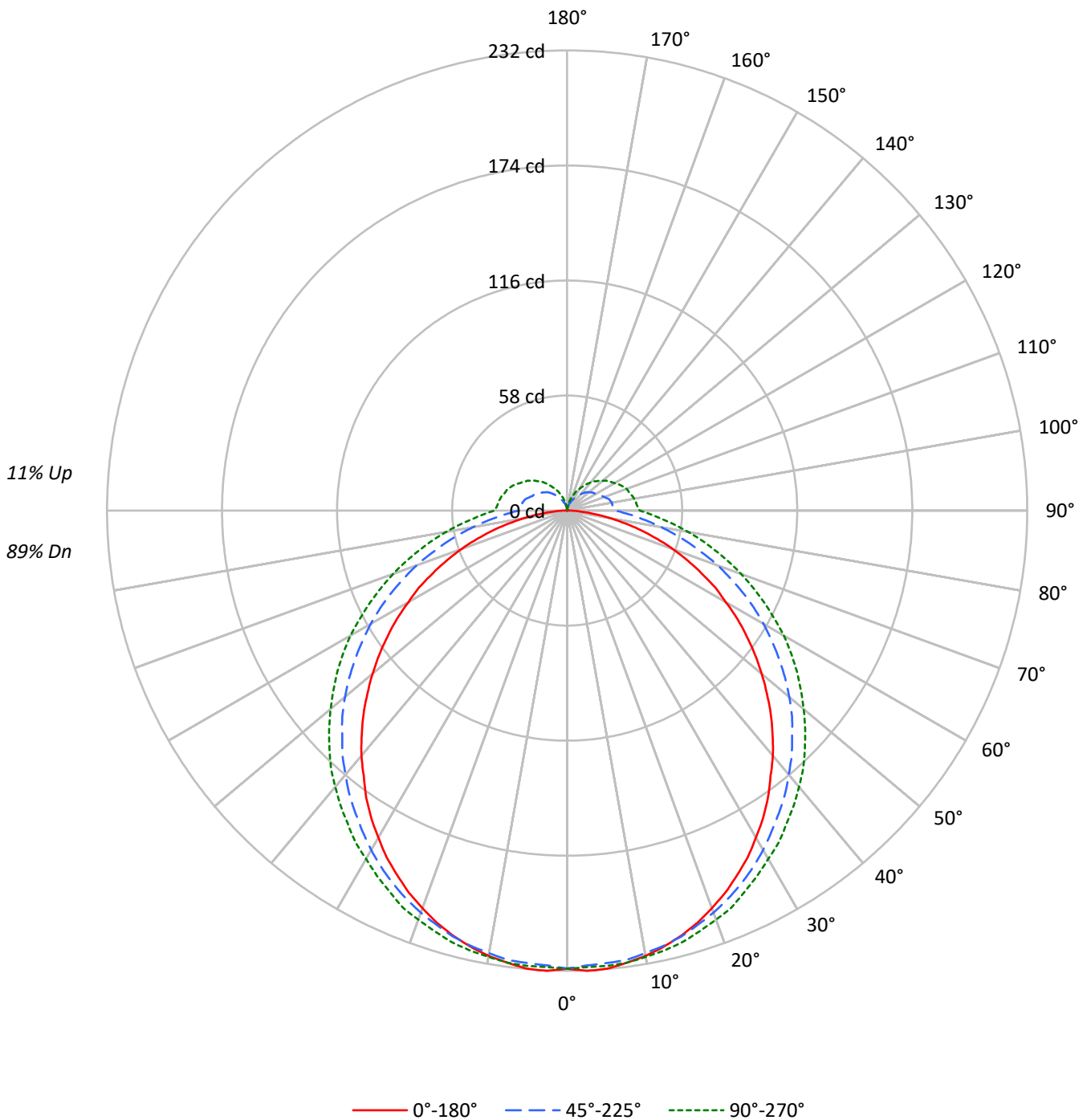
Lumens per Lamp: N/A
Luminaire Lumens: 822.0 lumens
Efficiency: N/A
Efficacy: 123.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Semi-Direct

Input Watts (W): 6.666
Input Voltage (V): NR
Input Current (A_{in}): 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: P565901

CATALOG NUMBER: 2SNX-SL3-LW-UNV-CC93-CD-4000K-LOW

Luminous Intensity Polar Plot





TEST NUMBER: P565901

CATALOG NUMBER: 2SNX-SL3-LW-UNV-CC93-CD-4000K-LOW

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°	4971	4971	4971
5°	4975	4729	4705
10°	4912	4530	4470
15°	4838	4338	4258
20°	4743	4142	4047
25°	4637	3953	3840
30°	4516	3761	3640
35°	4385	3566	3454
40°	4239	3380	3278
45°	4081	3191	3096
50°	3903	3000	2906
55°	3706	2785	2719
60°	3477	2565	2522
65°	3228	2326	2296
70°	2904	2072	2074
75°	2474	1781	1839
80°	1844	1488	1605
85°	1088	1217	1364



TEST NUMBER: P565901

CATALOG NUMBER: 2SNX-SL3-LW-UNV-CC93-CD-4000K-LOW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.9	2.7
10°-20°	63.0	7.7
20°-30°	95.9	11.7
30°-40°	116.4	14.2
40°-50°	123.0	15.0
50°-60°	115.1	14.0
60°-70°	94.4	11.5
70°-80°	64.9	7.9
80°-90°	35.6	4.3
90°-100°	22.9	2.8
100°-110°	20.5	2.5
110°-120°	17.0	2.1
120°-130°	13.1	1.6
130°-140°	9.2	1.1
140°-150°	5.5	0.7
150°-160°	2.7	0.3
160°-170°	0.9	0.1
170°-180°	0.1	0.0
0°-30°	180.8	22.0
0°-40°	297.2	36.2
0°-60°	535.2	65.1
0°-90°	730.1	88.8
90°-120°	60.4	7.4
90°-150°	88.3	10.7
90°-180°	92.0	11.2
0°-180°	822.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	231	231	231	231	231	
5°	232	231	229	231	230	22
15°	222	223	222	225	225	63
25°	203	205	208	212	212	93
35°	177	181	186	191	193	110
45°	145	152	160	168	170	112
55°	110	120	130	138	141	99
65°	75	85	98	107	110	74
75°	39	50	64	74	77	41
85°	9	20	35	44	48	10
90°	0	11	24	33	37	1
95°	0	11	23	32	35	0
105°	0	9	22	30	33	0
115°	0	8	19	27	30	0
125°	0	7	16	23	26	0
135°	0	5	13	19	21	0
145°	0	4	9	14	16	0
155°	0	2	6	9	10	0
165°	0	1	3	4	5	0
175°	0	0	1	1	0	0
180°	0	0	0	0	0	0



TEST NUMBER: P565901

CATALOG NUMBER: 2SNX-SL3-LW-UNV-CC93-CD-4000K-LOW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	230.9	230.9	230.9	230.9	230.9
2.5°	232.3	231.9	229.5	231.4	230.4
5°	231.9	231.4	229.0	230.9	230.4
7.5°	229.9	229.9	228.5	230.4	229.9
10°	228.0	228.0	226.6	229.0	228.5
12.5°	225.2	225.7	224.7	227.6	227.1
15°	221.9	222.8	222.3	225.2	225.2
17.5°	218.0	219.0	219.0	222.3	222.3
20°	213.3	214.7	215.7	219.5	219.5
22.5°	208.5	210.4	211.9	215.2	216.6
25°	202.8	205.2	207.6	211.9	211.9
27.5°	197.1	200.0	202.8	207.1	207.6
30°	190.4	193.8	197.6	201.9	202.8
32.5°	183.8	188.1	191.9	197.1	198.5
35°	176.6	180.9	186.1	191.4	192.8
37.5°	168.5	173.8	180.4	186.1	187.6
40°	161.4	167.1	173.8	180.4	181.9
42.5°	153.3	159.5	167.6	173.8	176.2
45°	145.2	151.9	160.4	167.6	169.5
47.5°	136.6	144.3	153.8	160.4	162.8
50°	128.1	136.2	146.2	153.8	155.7
52.5°	119.5	128.1	138.5	146.2	148.5
55°	110.5	119.5	130.4	138.5	141.4
57.5°	101.9	110.9	122.4	130.9	133.8
60°	92.4	102.8	114.3	122.8	126.2
62.5°	84.3	93.8	106.2	114.7	117.6
65°	74.7	84.7	97.6	106.6	109.5
67.5°	65.7	76.2	89.0	98.5	101.4
70°	56.7	67.1	80.9	90.0	93.3
72.5°	47.6	58.6	71.9	81.9	85.2
75°	39.0	49.5	63.8	73.8	77.1
77.5°	30.0	41.4	55.7	65.7	69.5
80°	21.9	33.8	48.1	58.1	61.9
82.5°	14.8	26.7	40.9	50.9	54.7
85°	8.6	20.5	34.8	44.3	47.6
87.5°	4.3	15.7	29.0	38.6	41.9
90°	0.0	11.4	24.3	33.3	36.7
92.5°	0.0	10.9	23.8	32.4	35.7
95°	0.0	10.9	23.3	31.9	35.2
97.5°	0.0	10.5	22.9	31.9	34.8
100°	0.0	10.0	22.9	31.4	34.3
102.5°	0.0	9.5	22.4	30.9	33.8
105°	0.0	9.0	21.9	30.0	32.8
107.5°	0.5	9.0	20.9	29.5	32.4
110°	0.5	8.6	20.0	29.0	31.9



TEST NUMBER: P565901

CATALOG NUMBER: 2SNX-SL3-LW-UNV-CC93-CD-4000K-LOW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.5	8.1	19.0	28.1	30.9
115°	0.5	8.1	18.6	26.7	30.0
117.5°	0.5	7.6	17.6	25.7	29.0
120°	0.5	7.6	17.1	24.8	27.6
122.5°	0.5	7.1	16.2	23.8	26.7
125°	0.5	6.7	15.7	22.9	25.7
127.5°	0.5	6.2	15.2	21.9	24.8
130°	0.5	5.7	14.3	20.9	23.3
132.5°	0.5	5.7	13.8	19.5	22.4
135°	0.5	5.2	12.9	18.6	20.9
137.5°	0.5	4.8	11.9	17.6	20.0
140°	0.5	4.3	10.9	16.7	18.6
142.5°	0.5	4.3	10.0	15.2	17.1
145°	0.5	3.8	9.0	14.3	15.7
147.5°	0.5	3.3	8.1	12.9	14.3
150°	0.5	3.3	7.1	11.4	12.9
152.5°	0.5	2.9	6.2	10.5	11.9
155°	0.5	2.4	5.7	9.0	10.5
157.5°	0.5	2.4	4.8	7.6	9.0
160°	0.5	1.9	4.3	6.2	7.6
162.5°	0.5	1.9	3.8	5.2	6.7
165°	0.5	1.4	2.9	4.3	5.2
167.5°	0.5	1.4	2.4	3.3	4.3
170°	0.5	1.0	1.9	2.4	3.3
172.5°	0.5	1.0	1.4	1.4	1.4
175°	0.5	0.5	1.0	1.0	0.5
177.5°	0.5	0.5	0.5	0.5	0.5
180°	0.5	0.5	0.5	0.5	0.5

(END OF REPORT)