

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: P565913

Luminaire Tested: **2SNX-SL3-SLW-UNV-CC83-CD-5000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565913
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-CC83-CD-5000K-LOW
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 80CRI, LOW LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

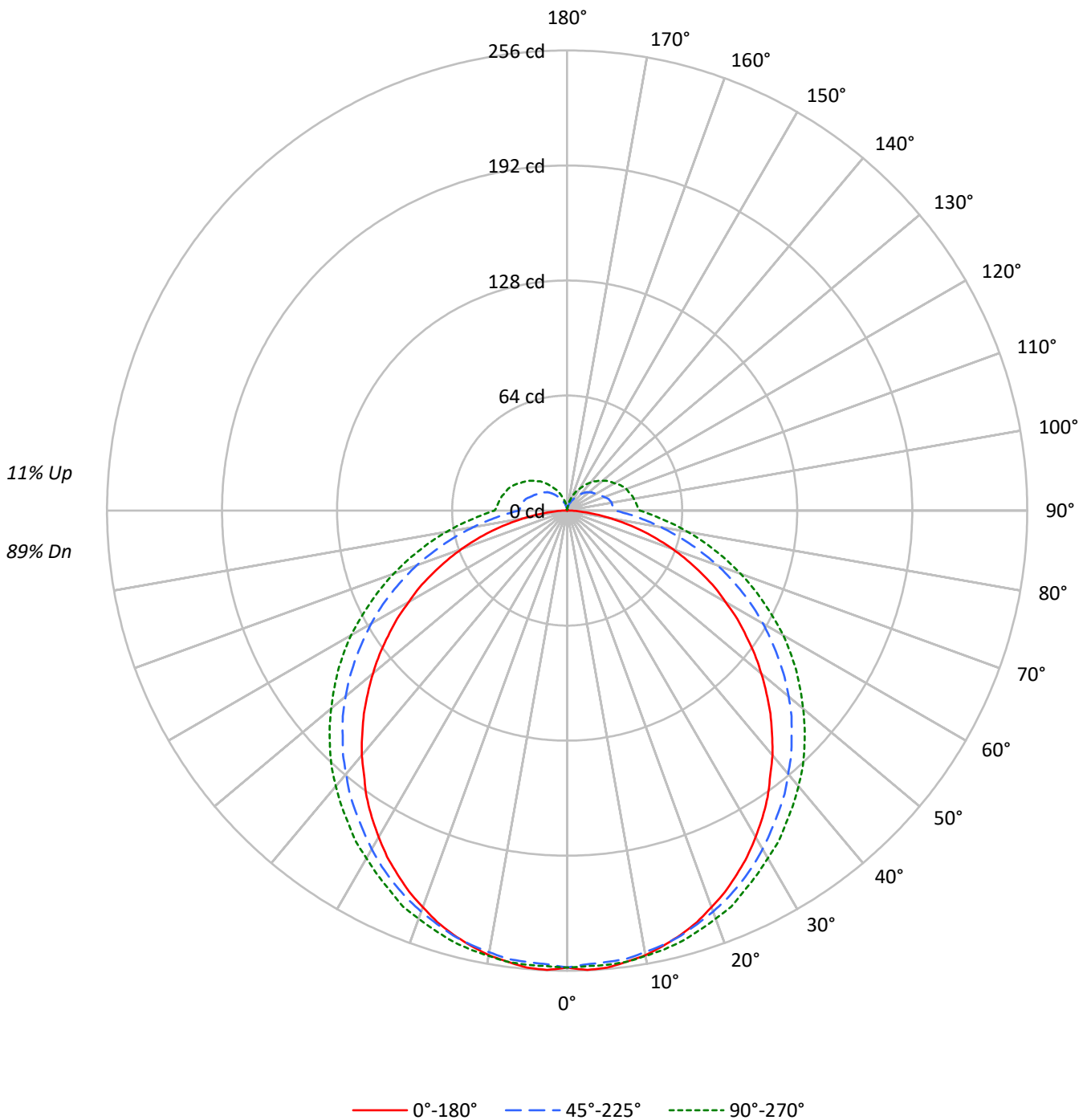
Lumens per Lamp: N/A
Luminaire Lumens: 905.0 lumens
Efficiency: N/A
Efficacy: 135.8 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 6.666
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°	5472	5472	5472
5°	5497	5325	5328
10°	5449	5211	5196
15°	5385	5095	5074
20°	5299	4962	4938
25°	5203	4832	4799
30°	5091	4691	4658
35°	4967	4544	4527
40°	4826	4401	4400
45°	4674	4253	4265
50°	4500	4099	4113
55°	4309	3914	3964
60°	4085	3716	3797
65°	3850	3496	3588
70°	3526	3250	3381
75°	3097	2941	3154
80°	2419	2626	2929
85°	1575	2354	2699



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.1	2.7
10°-20°	69.4	7.7
20°-30°	105.5	11.7
30°-40°	128.1	14.2
40°-50°	135.4	15.0
50°-60°	126.7	14.0
60°-70°	103.9	11.5
70°-80°	71.5	7.9
80°-90°	39.1	4.3
90°-100°	25.2	2.8
100°-110°	22.6	2.5
110°-120°	18.7	2.1
120°-130°	14.4	1.6
130°-140°	10.1	1.1
140°-150°	6.1	0.7
150°-160°	2.9	0.3
160°-170°	1.0	0.1
170°-180°	0.1	0.0
0°-30°	199.1	22.0
0°-40°	327.2	36.2
0°-60°	589.2	65.1
0°-90°	803.8	88.8
90°-120°	66.6	7.4
90°-150°	97.2	10.7
90°-180°	101.0	11.2
0°-180°	905.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	254	254	254	254	254	
5°	255	255	252	254	254	24
15°	244	245	245	248	248	69
25°	223	226	228	233	233	103
35°	194	199	205	211	212	121
45°	160	167	177	184	187	123
55°	122	132	144	152	156	109
65°	82	93	108	117	121	82
75°	43	54	70	81	85	45
85°	9	22	38	49	52	11
90°	0	13	27	37	40	1
95°	0	12	26	35	39	0
105°	0	10	24	33	36	0
115°	0	9	20	29	33	0
125°	0	7	17	25	28	0
135°	0	6	14	20	23	0
145°	0	4	10	16	17	0
155°	0	3	6	10	12	0
165°	0	2	3	5	6	0
175°	0	0	1	1	0	0
180°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	254.2	254.2	254.2	254.2	254.2
2.5°	255.8	255.3	252.6	254.7	253.7
5°	255.3	254.7	252.1	254.2	253.7
7.5°	253.2	253.2	251.6	253.7	253.2
10°	251.1	251.1	249.5	252.1	251.6
12.5°	247.9	248.5	247.4	250.5	250.0
15°	244.3	245.3	244.8	247.9	247.9
17.5°	240.1	241.1	241.1	244.8	244.8
20°	234.8	236.4	237.4	241.6	241.6
22.5°	229.6	231.7	233.3	236.9	238.5
25°	223.3	225.9	228.5	233.3	233.3
27.5°	217.0	220.1	223.3	228.0	228.5
30°	209.7	213.3	217.5	222.2	223.3
32.5°	202.3	207.0	211.2	217.0	218.6
35°	194.5	199.2	204.9	210.7	212.3
37.5°	185.6	191.3	198.7	204.9	206.5
40°	177.7	184.0	191.3	198.7	200.2
42.5°	168.8	175.6	184.5	191.3	193.9
45°	159.9	167.2	176.6	184.5	186.6
47.5°	150.4	158.8	169.3	176.6	179.3
50°	141.0	149.9	160.9	169.3	171.4
52.5°	131.6	141.0	152.5	160.9	163.5
55°	121.6	131.6	143.6	152.5	155.7
57.5°	112.2	122.1	134.7	144.1	147.3
60°	101.7	113.2	125.8	135.2	138.9
62.5°	92.8	103.3	116.9	126.3	129.5
65°	82.3	93.3	107.5	117.4	120.6
67.5°	72.3	83.9	98.0	108.5	111.6
70°	62.4	73.9	89.1	99.1	102.7
72.5°	52.4	64.5	79.1	90.2	93.8
75°	43.0	54.5	70.2	81.2	84.9
77.5°	33.0	45.6	61.3	72.3	76.5
80°	24.1	37.2	52.9	63.9	68.1
82.5°	16.2	29.4	45.1	56.1	60.3
85°	9.4	22.5	38.3	48.7	52.4
87.5°	4.7	17.3	32.0	42.5	46.1
90°	0.0	12.6	26.7	36.7	40.4
92.5°	0.0	12.1	26.2	35.6	39.3
95°	0.0	12.1	25.7	35.1	38.8
97.5°	0.0	11.5	25.2	35.1	38.3
100°	0.0	11.0	25.2	34.6	37.7
102.5°	0.0	10.5	24.6	34.1	37.2
105°	0.0	10.0	24.1	33.0	36.2
107.5°	0.5	10.0	23.1	32.5	35.6
110°	0.5	9.4	22.0	32.0	35.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.5	8.9	21.0	30.9	34.1
115°	0.5	8.9	20.4	29.4	33.0
117.5°	0.5	8.4	19.4	28.3	32.0
120°	0.5	8.4	18.9	27.3	30.4
122.5°	0.5	7.9	17.8	26.2	29.4
125°	0.5	7.3	17.3	25.2	28.3
127.5°	0.5	6.8	16.8	24.1	27.3
130°	0.5	6.3	15.7	23.1	25.7
132.5°	0.5	6.3	15.2	21.5	24.6
135°	0.5	5.8	14.2	20.4	23.1
137.5°	0.5	5.2	13.1	19.4	22.0
140°	0.5	4.7	12.1	18.3	20.4
142.5°	0.5	4.7	11.0	16.8	18.9
145°	0.5	4.2	10.0	15.7	17.3
147.5°	0.5	3.7	8.9	14.2	15.7
150°	0.5	3.7	7.9	12.6	14.2
152.5°	0.5	3.1	6.8	11.5	13.1
155°	0.5	2.6	6.3	10.0	11.5
157.5°	0.5	2.6	5.2	8.4	10.0
160°	0.5	2.1	4.7	6.8	8.4
162.5°	0.5	2.1	4.2	5.8	7.3
165°	0.5	1.6	3.1	4.7	5.8
167.5°	0.5	1.6	2.6	3.7	4.7
170°	0.5	1.0	2.1	2.6	3.7
172.5°	0.5	1.0	1.6	1.6	1.6
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)