

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: P565912

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565912
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-HI
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 80CRI, HI LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

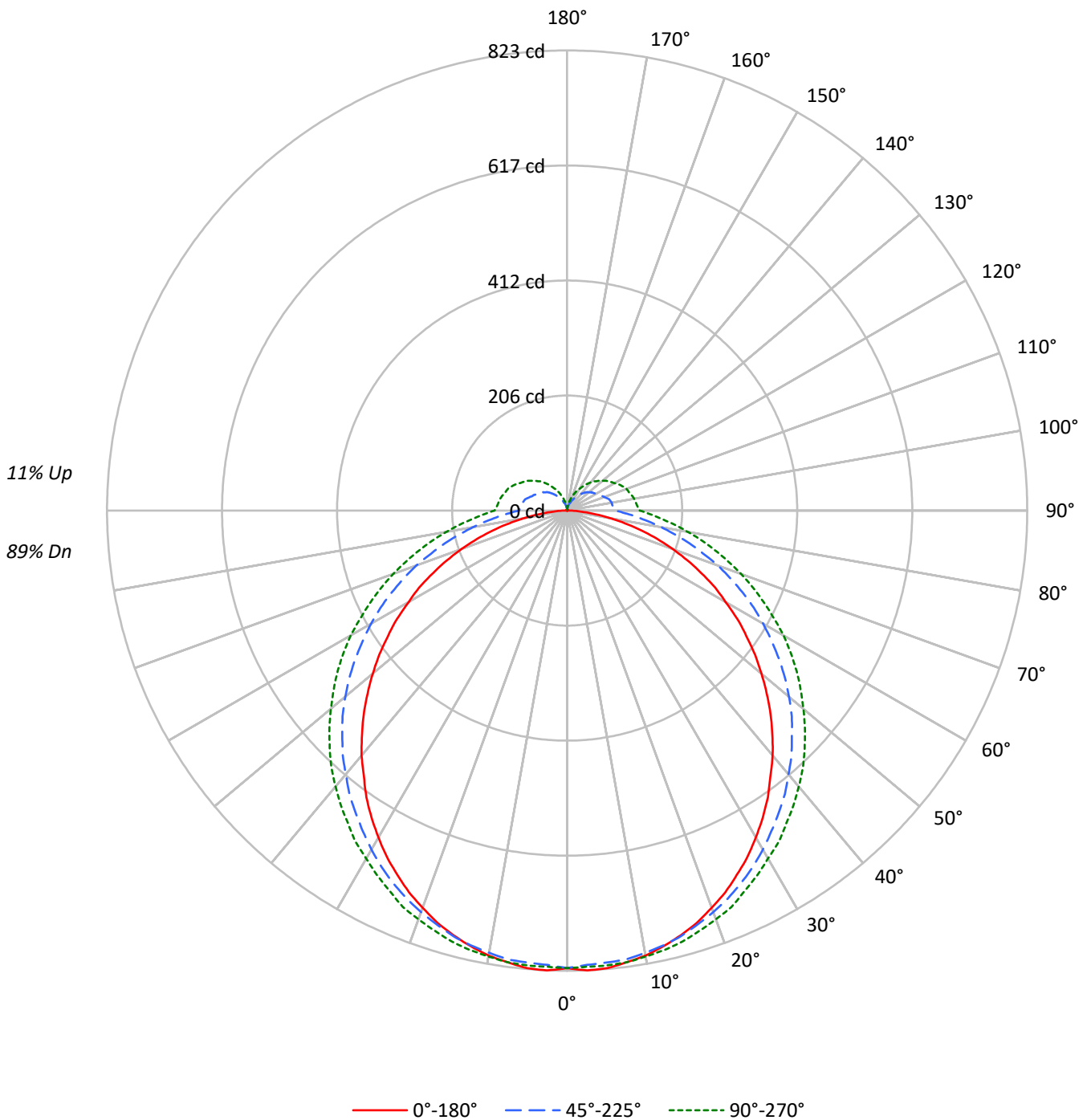
Lumens per Lamp: N/A
Luminaire Lumens: 2913.0 lumens
Efficiency: N/A
Efficacy: 144.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 20.2
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	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°	17616	17616	17616
5°	17691	17141	17149
10°	17537	16775	16723
15°	17330	16400	16332
20°	17057	15974	15898
25°	16747	15557	15443
30°	16384	15103	14992
35°	15985	14632	14570
40°	15531	14166	14166
45°	15043	13694	13728
50°	14482	13195	13239
55°	13868	12599	12758
60°	13147	11962	12222
65°	12391	11249	11545
70°	11345	10461	10886
75°	9961	9471	10153
80°	7788	8457	9431
85°	5093	7572	8691



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.7	2.7
10°-20°	223.4	7.7
20°-30°	339.7	11.7
30°-40°	412.3	14.2
40°-50°	435.7	15.0
50°-60°	407.7	14.0
60°-70°	334.5	11.5
70°-80°	230.1	7.9
80°-90°	126.0	4.3
90°-100°	81.1	2.8
100°-110°	72.8	2.5
110°-120°	60.3	2.1
120°-130°	46.4	1.6
130°-140°	32.6	1.1
140°-150°	19.7	0.7
150°-160°	9.4	0.3
160°-170°	3.1	0.1
170°-180°	0.4	0.0
0°-30°	640.8	22.0
0°-40°	1053.1	36.2
0°-60°	1896.6	65.1
0°-90°	2587.2	88.8
90°-120°	214.2	7.4
90°-150°	312.9	10.7
90°-180°	326.0	11.2
0°-180°	2913.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	818	818	818	818	818	
5°	822	820	812	818	817	78
15°	786	790	788	798	798	222
25°	719	727	736	751	751	331
35°	626	641	660	678	683	391
45°	515	538	569	594	601	397
55°	391	424	462	491	501	350
65°	265	300	346	378	388	262
75°	138	176	226	262	273	146
85°	30	72	123	157	169	35
90°	0	40	86	118	130	2
95°	0	39	83	113	125	0
105°	0	32	78	106	116	1
115°	2	29	66	94	106	2
125°	2	24	56	81	91	2
135°	2	19	46	66	74	1
145°	2	14	32	51	56	1
155°	2	8	20	32	37	1
165°	2	5	10	15	19	0
175°	2	2	3	3	2	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	818.3	818.3	818.3	818.3	818.3
2.5°	823.3	821.6	813.2	820.0	816.6
5°	821.6	820.0	811.5	818.3	816.6
7.5°	814.9	814.9	809.8	816.6	814.9
10°	808.1	808.1	803.1	811.5	809.8
12.5°	798.0	799.7	796.3	806.5	804.8
15°	786.2	789.6	787.9	798.0	798.0
17.5°	772.7	776.1	776.1	787.9	787.9
20°	755.8	760.9	764.3	777.8	777.8
22.5°	739.0	745.7	750.8	762.6	767.7
25°	718.7	727.2	735.6	750.8	750.8
27.5°	698.5	708.6	718.7	733.9	735.6
30°	674.9	686.7	700.2	715.4	718.7
32.5°	651.2	666.4	679.9	698.5	703.5
35°	625.9	641.1	659.7	678.2	683.3
37.5°	597.3	615.8	639.4	659.7	664.7
40°	571.9	592.2	615.8	639.4	644.5
42.5°	543.3	565.2	593.9	615.8	624.2
45°	514.6	538.2	568.6	593.9	600.6
47.5°	484.2	511.2	544.9	568.6	577.0
50°	453.8	482.5	518.0	544.9	551.7
52.5°	423.5	453.8	491.0	518.0	526.4
55°	391.4	423.5	462.3	491.0	501.1
57.5°	361.1	393.1	433.6	464.0	474.1
60°	327.3	364.4	404.9	435.3	447.1
62.5°	298.6	332.4	376.2	406.6	416.7
65°	264.9	300.3	345.9	377.9	388.0
67.5°	232.8	269.9	315.5	349.2	359.4
70°	200.8	237.9	286.8	318.9	330.7
72.5°	168.7	207.5	254.8	290.2	302.0
75°	138.3	175.5	226.1	261.5	273.3
77.5°	106.3	146.8	197.4	232.8	246.3
80°	77.6	119.8	170.4	205.8	219.3
82.5°	52.3	94.5	145.1	180.5	194.0
85°	30.4	72.5	123.2	156.9	168.7
87.5°	15.2	55.7	102.9	136.7	148.5
90°	0.0	40.5	86.0	118.1	129.9
92.5°	0.0	38.8	84.4	114.7	126.5
95°	0.0	38.8	82.7	113.0	124.8
97.5°	0.0	37.1	81.0	113.0	123.2
100°	0.0	35.4	81.0	111.4	121.5
102.5°	0.0	33.7	79.3	109.7	119.8
105°	0.0	32.1	77.6	106.3	116.4
107.5°	1.7	32.1	74.2	104.6	114.7
110°	1.7	30.4	70.9	102.9	113.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.7	28.7	67.5	99.5	109.7
115°	1.7	28.7	65.8	94.5	106.3
117.5°	1.7	27.0	62.4	91.1	102.9
120°	1.7	27.0	60.7	87.7	97.9
122.5°	1.7	25.3	57.4	84.4	94.5
125°	1.7	23.6	55.7	81.0	91.1
127.5°	1.7	21.9	54.0	77.6	87.7
130°	1.7	20.2	50.6	74.2	82.7
132.5°	1.7	20.2	48.9	69.2	79.3
135°	1.7	18.6	45.6	65.8	74.2
137.5°	1.7	16.9	42.2	62.4	70.9
140°	1.7	15.2	38.8	59.1	65.8
142.5°	1.7	15.2	35.4	54.0	60.7
145°	1.7	13.5	32.1	50.6	55.7
147.5°	1.7	11.8	28.7	45.6	50.6
150°	1.7	11.8	25.3	40.5	45.6
152.5°	1.7	10.1	21.9	37.1	42.2
155°	1.7	8.4	20.2	32.1	37.1
157.5°	1.7	8.4	16.9	27.0	32.1
160°	1.7	6.7	15.2	21.9	27.0
162.5°	1.7	6.7	13.5	18.6	23.6
165°	1.7	5.1	10.1	15.2	18.6
167.5°	1.7	5.1	8.4	11.8	15.2
170°	1.7	3.4	6.7	8.4	11.8
172.5°	1.7	3.4	5.1	5.1	5.1
175°	1.7	1.7	3.4	3.4	1.7
177.5°	1.7	1.7	1.7	1.7	1.7
180°	1.7	1.7	1.7	1.7	1.7

(END OF REPORT)