

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: P565937

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565937
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNX-SL3-UNV-CC93-CD-4000K-LOW
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, LOW LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

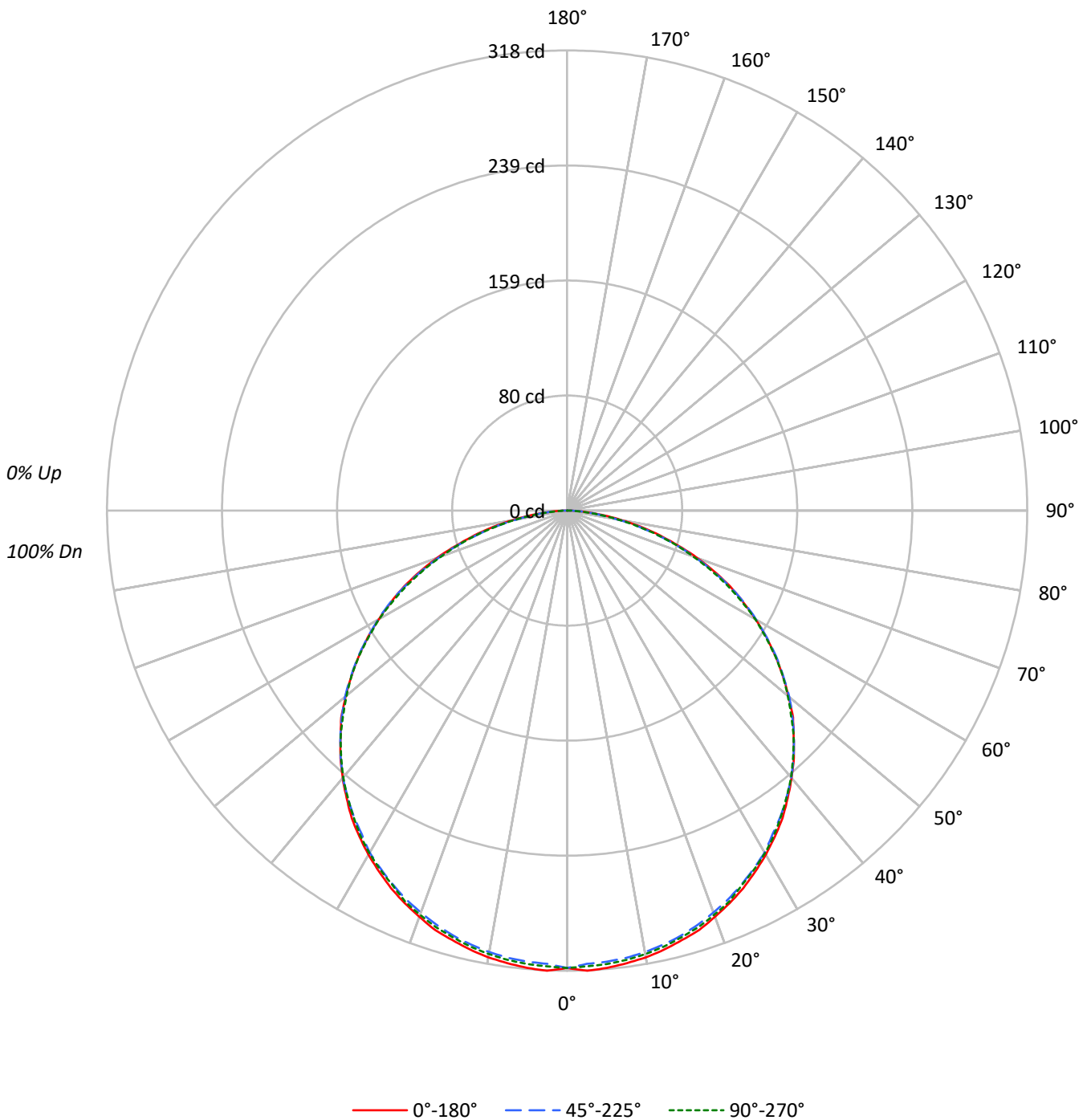
Lumens per Lamp: N/A
Luminaire Lumens: 945.0 lumens
Efficiency: N/A
Efficacy: 143.2 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 6.6
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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6805	6805	6805
5°	6855	6762	6799
10°	6853	6772	6803
15°	6847	6778	6804
20°	6843	6772	6811
25°	6839	6772	6784
30°	6826	6784	6796
35°	6820	6767	6775
40°	6781	6773	6764
45°	6741	6750	6741
50°	6692	6712	6665
55°	6602	6625	6591
60°	6476	6497	6463
65°	6342	6296	6209
70°	6030	5904	5835
75°	5506	5315	5340
80°	4761	4401	4513
85°	3582	3433	3088



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.0	3.2
10°-20°	86.4	9.1
20°-30°	132.2	14.0
30°-40°	161.6	17.1
40°-50°	171.0	18.1
50°-60°	157.5	16.7
60°-70°	121.4	12.8
70°-80°	68.0	7.2
80°-90°	16.9	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	248.6	26.3
0°-40°	410.2	43.4
0°-60°	738.7	78.2
0°-90°	945.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	945.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	316	316	316	316	316	
5°	317	316	313	316	315	30
15°	307	307	304	307	305	87
25°	288	287	285	287	286	133
35°	260	259	258	258	258	162
45°	221	222	222	221	221	171
55°	176	177	176	176	176	157
65°	124	124	124	120	122	122
75°	66	65	64	62	64	70
85°	14	14	14	14	12	18
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	316.1	316.1	316.1	316.1	316.1
2.5°	318.3	316.9	313.5	316.6	315.2
5°	317.2	316.1	312.9	316.1	314.6
7.5°	315.5	314.6	311.8	314.6	313.2
10°	313.5	312.6	309.8	312.6	311.2
12.5°	310.7	310.1	307.2	310.1	308.7
15°	307.2	306.7	304.1	306.7	305.3
17.5°	303.8	302.7	300.1	303.0	301.8
20°	298.7	298.1	295.6	298.1	297.3
22.5°	293.6	293.0	290.8	293.0	292.5
25°	287.9	287.3	285.1	287.3	285.6
27.5°	281.4	281.7	279.1	280.5	279.7
30°	274.6	274.6	272.9	273.4	273.4
32.5°	267.2	267.2	264.6	266.3	266.0
35°	259.5	258.9	257.5	258.4	257.8
37.5°	250.4	250.1	249.3	249.8	249.3
40°	241.3	241.6	241.0	240.7	240.7
42.5°	231.9	232.5	231.6	231.4	231.1
45°	221.4	222.3	221.7	221.4	221.4
47.5°	211.7	212.0	211.2	210.9	210.0
50°	199.8	200.9	200.4	199.8	199.0
52.5°	187.9	189.6	188.4	187.9	187.9
55°	175.9	177.4	176.5	176.5	175.6
57.5°	163.4	164.8	163.7	163.7	162.6
60°	150.4	151.8	150.9	150.1	150.1
62.5°	137.3	138.4	138.1	136.7	135.9
65°	124.5	124.5	123.6	120.5	121.9
67.5°	110.0	109.7	108.6	105.4	107.4
70°	95.8	95.8	93.8	90.1	92.7
72.5°	80.4	81.3	78.7	76.2	78.7
75°	66.2	65.4	63.9	61.7	64.2
77.5°	52.6	51.2	49.5	48.3	49.7
80°	38.4	37.5	35.5	35.5	36.4
82.5°	26.1	25.3	23.9	24.2	23.0
85°	14.5	13.6	13.9	13.9	12.5
87.5°	6.0	6.0	6.0	5.4	4.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)