

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: P565940

Luminaire Tested: **2SNX-SL3-UNV-CC93-CD-5000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565940
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-5000K-LOW
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, LOW LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

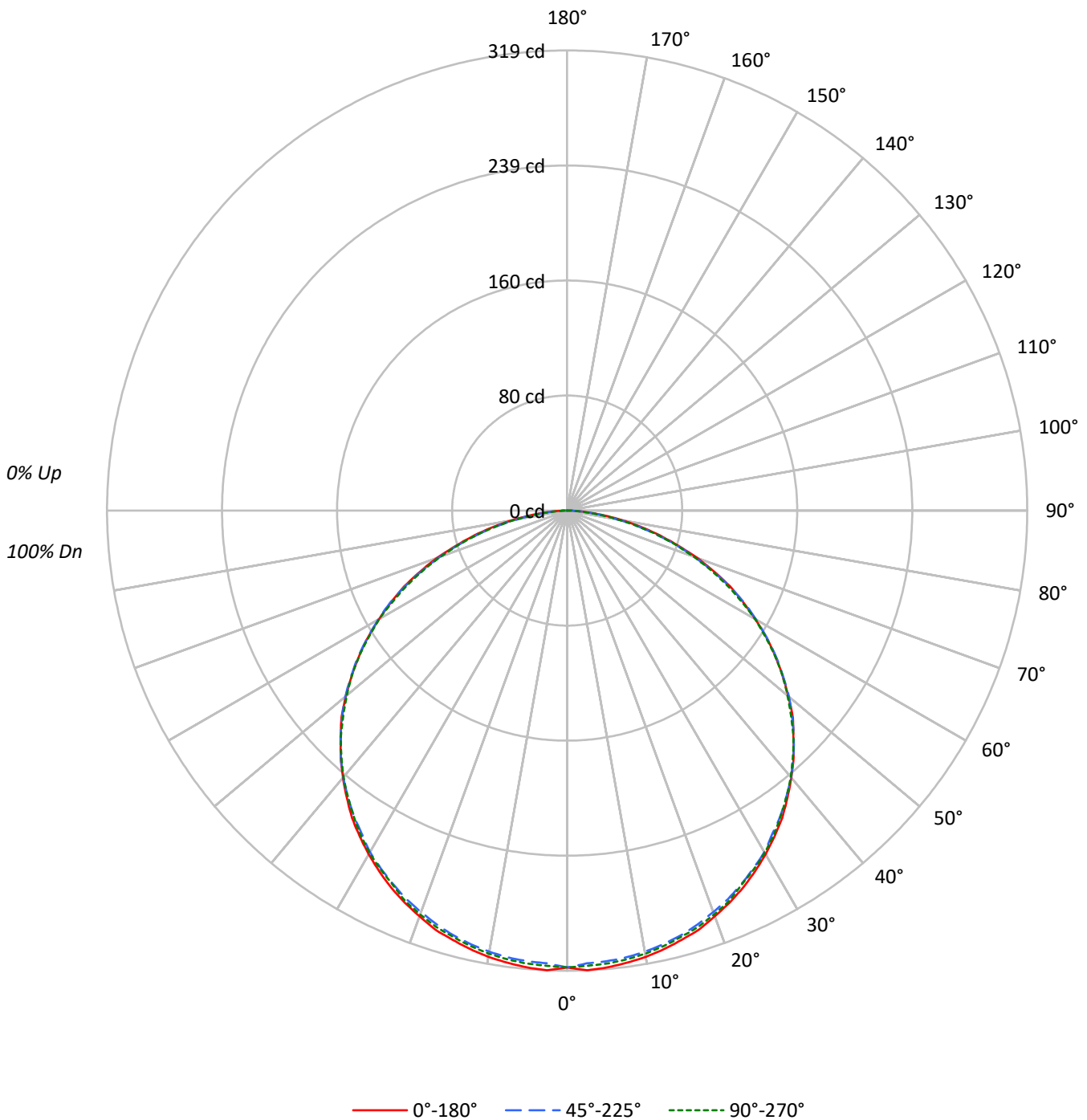
Lumens per Lamp: N/A
Luminaire Lumens: 947.0 lumens
Efficiency: N/A
Efficacy: 142.1 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 6.666
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	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°	6818	6818	6818
5°	6870	6777	6814
10°	6868	6788	6818
15°	6862	6793	6818
20°	6857	6786	6825
25°	6853	6786	6798
30°	6838	6796	6811
35°	6833	6780	6788
40°	6795	6787	6778
45°	6756	6765	6756
50°	6705	6725	6678
55°	6617	6640	6606
60°	6488	6510	6476
65°	6357	6311	6225
70°	6043	5917	5847
75°	5523	5332	5357
80°	4773	4413	4525
85°	3582	3458	3088



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.0	3.2
10°-20°	86.6	9.1
20°-30°	132.5	14.0
30°-40°	162.0	17.1
40°-50°	171.3	18.1
50°-60°	157.9	16.7
60°-70°	121.7	12.8
70°-80°	68.2	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°	249.1	26.3
0°-40°	411.1	43.4
0°-60°	740.3	78.2
0°-90°	947.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	947.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	317	317	317	317	317	
5°	318	317	314	317	315	30
15°	308	307	305	307	306	87
25°	288	288	286	288	286	133
35°	260	260	258	259	258	162
45°	222	223	222	222	222	171
55°	176	178	177	177	176	157
65°	125	125	124	121	122	123
75°	66	66	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°	316.7	316.7	316.7	316.7	316.7
2.5°	319.0	317.6	314.2	317.3	315.9
5°	317.9	316.7	313.6	316.7	315.3
7.5°	316.2	315.3	312.5	315.3	313.9
10°	314.2	313.3	310.5	313.3	311.9
12.5°	311.3	310.7	307.9	310.7	309.3
15°	307.9	307.3	304.8	307.3	305.9
17.5°	304.5	303.3	300.8	303.6	302.5
20°	299.3	298.8	296.2	298.8	297.9
22.5°	294.2	293.7	291.4	293.7	293.1
25°	288.5	288.0	285.7	288.0	286.2
27.5°	282.0	282.3	279.7	281.1	280.3
30°	275.1	275.1	273.4	274.0	274.0
32.5°	267.7	267.7	265.2	266.9	266.6
35°	260.0	259.5	258.0	258.9	258.3
37.5°	250.9	250.6	249.8	250.4	249.8
40°	241.8	242.1	241.5	241.2	241.2
42.5°	232.4	233.0	232.1	231.8	231.6
45°	221.9	222.7	222.2	221.9	221.9
47.5°	212.2	212.5	211.6	211.3	210.5
50°	200.2	201.4	200.8	200.2	199.4
52.5°	188.3	190.0	188.8	188.3	188.3
55°	176.3	177.7	176.9	176.9	176.0
57.5°	163.8	165.2	164.1	164.1	162.9
60°	150.7	152.1	151.2	150.4	150.4
62.5°	137.6	138.7	138.4	137.0	136.1
65°	124.8	124.8	123.9	120.8	122.2
67.5°	110.2	109.9	108.8	105.7	107.7
70°	96.0	96.0	94.0	90.3	92.9
72.5°	80.6	81.5	78.9	76.3	78.9
75°	66.4	65.5	64.1	61.8	64.4
77.5°	52.7	51.3	49.6	48.4	49.8
80°	38.5	37.6	35.6	35.6	36.5
82.5°	26.2	25.3	23.9	24.2	23.1
85°	14.5	13.7	14.0	14.0	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)