

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: P565934

Luminaire Tested: **2SNX-SL3-UNV-CC93-CD-3500K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565934
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-3500K-LOW
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, LOW LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

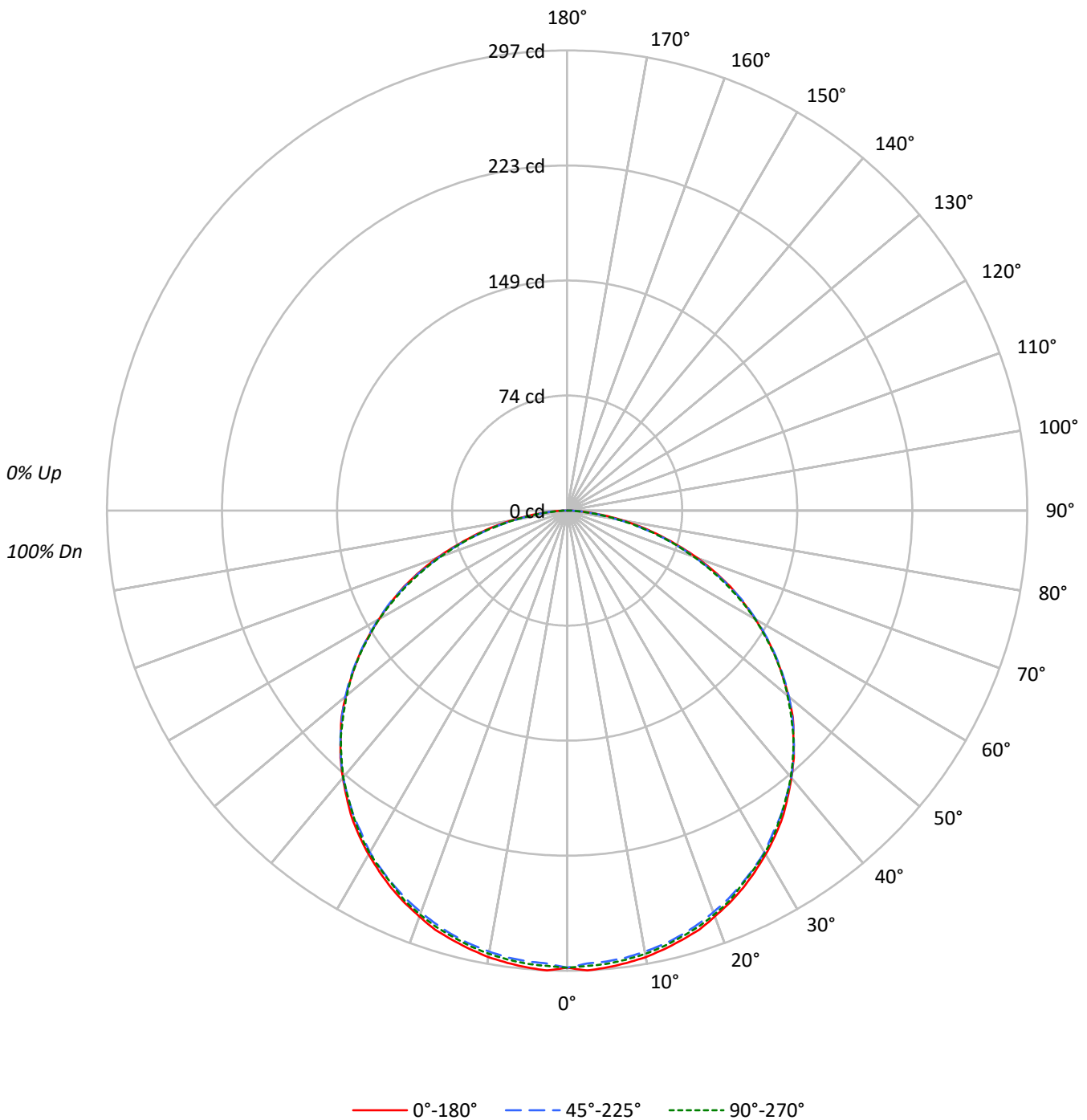
Lumens per Lamp: N/A
Luminaire Lumens: 882.0 lumens
Efficiency: N/A
Efficacy: 127.3 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 6.93
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°	6351	6351	6351
5°	6397	6312	6347
10°	6396	6320	6350
15°	6392	6325	6350
20°	6387	6321	6357
25°	6383	6321	6333
30°	6371	6331	6344
35°	6365	6315	6323
40°	6329	6323	6315
45°	6290	6299	6290
50°	6246	6263	6219
55°	6163	6182	6152
60°	6041	6067	6032
65°	5919	5878	5797
70°	5627	5508	5445
75°	5140	4966	4991
80°	4438	4116	4215
85°	3335	3211	2890



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.0	3.2
10°-20°	80.6	9.1
20°-30°	123.4	14.0
30°-40°	150.9	17.1
40°-50°	159.6	18.1
50°-60°	147.0	16.7
60°-70°	113.3	12.8
70°-80°	63.5	7.2
80°-90°	15.8	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°	232.0	26.3
0°-40°	382.9	43.4
0°-60°	689.4	78.2
0°-90°	882.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	882.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	295	295	295	295	295	
5°	296	295	292	295	294	28
15°	287	286	284	286	285	81
25°	269	268	266	268	267	124
35°	242	242	240	241	241	151
45°	207	207	207	207	207	160
55°	164	166	165	165	164	147
65°	116	116	115	112	114	114
75°	62	61	60	58	60	66
85°	14	13	13	13	12	17
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	295.0	295.0	295.0	295.0	295.0
2.5°	297.1	295.8	292.6	295.5	294.2
5°	296.0	295.0	292.1	295.0	293.7
7.5°	294.5	293.7	291.0	293.7	292.3
10°	292.6	291.8	289.1	291.8	290.5
12.5°	289.9	289.4	286.8	289.4	288.1
15°	286.8	286.2	283.8	286.2	284.9
17.5°	283.6	282.5	280.1	282.8	281.7
20°	278.8	278.3	275.9	278.3	277.5
22.5°	274.0	273.5	271.4	273.5	273.0
25°	268.7	268.2	266.1	268.2	266.6
27.5°	262.6	262.9	260.5	261.8	261.0
30°	256.3	256.3	254.7	255.2	255.2
32.5°	249.4	249.4	247.0	248.6	248.3
35°	242.2	241.7	240.3	241.1	240.6
37.5°	233.7	233.4	232.6	233.2	232.6
40°	225.2	225.5	225.0	224.7	224.7
42.5°	216.5	217.0	216.2	215.9	215.7
45°	206.6	207.4	206.9	206.6	206.6
47.5°	197.6	197.9	197.1	196.8	196.0
50°	186.5	187.5	187.0	186.5	185.7
52.5°	175.3	176.9	175.9	175.3	175.3
55°	164.2	165.5	164.7	164.7	163.9
57.5°	152.5	153.9	152.8	152.8	151.7
60°	140.3	141.7	140.9	140.1	140.1
62.5°	128.1	129.2	128.9	127.6	126.8
65°	116.2	116.2	115.4	112.5	113.8
67.5°	102.7	102.4	101.3	98.4	100.3
70°	89.4	89.4	87.5	84.1	86.5
72.5°	75.1	75.9	73.5	71.1	73.5
75°	61.8	61.0	59.7	57.6	60.0
77.5°	49.1	47.7	46.2	45.1	46.4
80°	35.8	35.0	33.2	33.2	34.0
82.5°	24.4	23.6	22.3	22.5	21.5
85°	13.5	12.7	13.0	13.0	11.7
87.5°	5.6	5.6	5.6	5.0	4.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)