

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: P565939

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565939
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-HI
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, HI LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

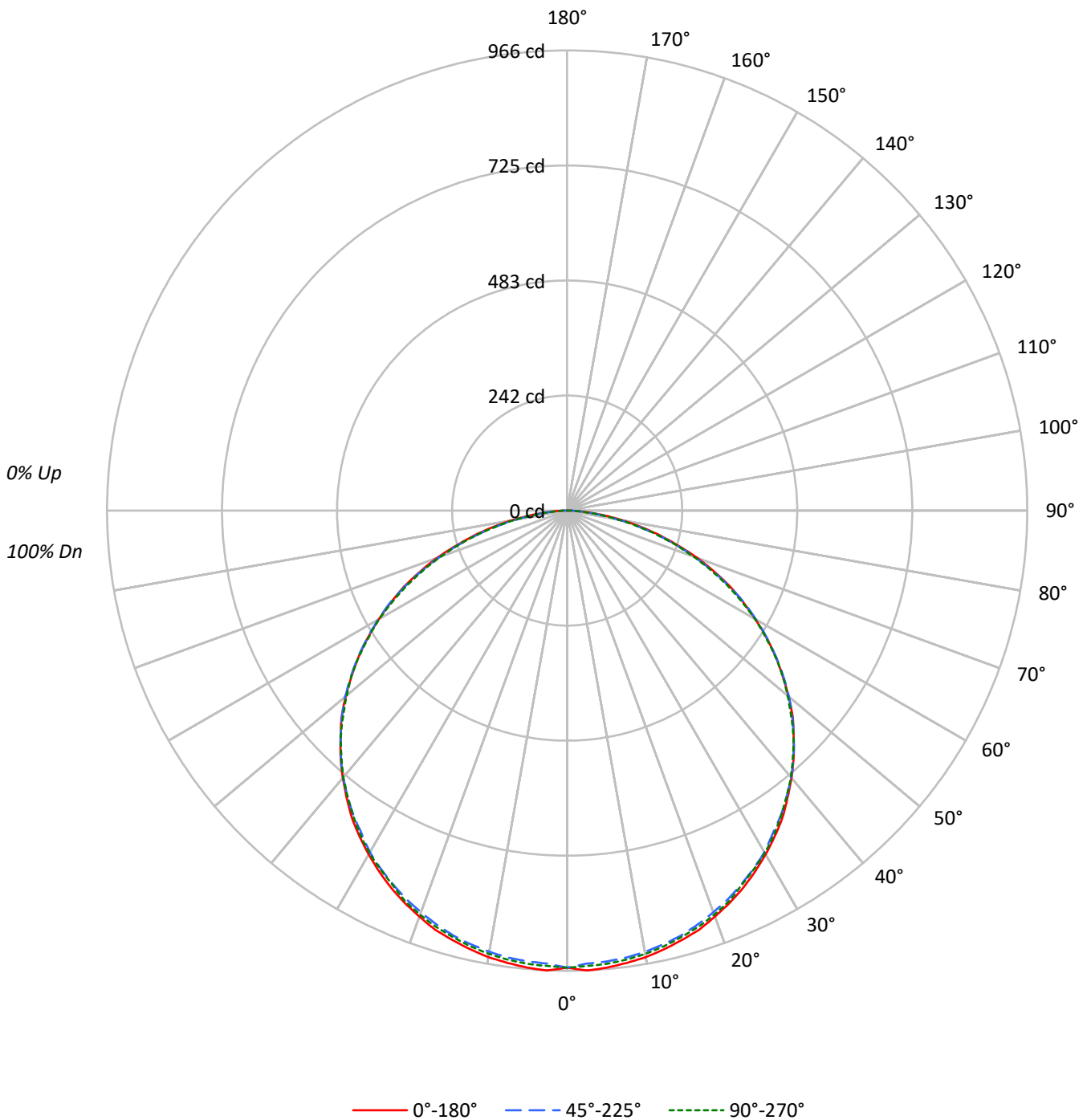
Lumens per Lamp: N/A
Luminaire Lumens: 2869.0 lumens
Efficiency: N/A
Efficacy: 142.0 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	20656	20656	20656
5°	20810	20530	20642
10°	20806	20561	20655
15°	20790	20578	20654
20°	20777	20559	20678
25°	20763	20559	20599
30°	20722	20593	20635
35°	20704	20546	20567
40°	20588	20563	20540
45°	20465	20492	20465
50°	20316	20373	20229
55°	20046	20114	20016
60°	19655	19728	19616
65°	19250	19123	18858
70°	18304	17926	17706
75°	16727	16153	16220
80°	14443	13377	13699
85°	10868	10448	9386



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.0	3.2
10°-20°	262.3	9.1
20°-30°	401.3	14.0
30°-40°	490.7	17.1
40°-50°	519.1	18.1
50°-60°	478.3	16.7
60°-70°	368.5	12.8
70°-80°	206.5	7.2
80°-90°	51.3	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°	754.6	26.3
0°-40°	1245.3	43.4
0°-60°	2242.7	78.2
0°-90°	2869.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2869.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	960	960	960	960	960	
5°	963	960	950	960	955	92
15°	933	931	923	931	927	264
25°	874	872	866	872	867	403
35°	788	786	782	784	783	492
45°	672	675	673	672	672	519
55°	534	538	536	536	533	477
65°	378	378	375	366	370	372
75°	201	198	194	187	195	213
85°	44	41	42	42	38	54
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	959.5	959.5	959.5	959.5	959.5
2.5°	966.4	962.1	951.8	961.3	956.9
5°	963.0	959.5	950.0	959.5	955.2
7.5°	957.8	955.2	946.6	955.2	950.9
10°	951.8	949.2	940.6	949.2	944.9
12.5°	943.1	941.4	932.8	941.4	937.1
15°	932.8	931.1	923.3	931.1	926.7
17.5°	922.4	919.0	911.2	919.8	916.4
20°	906.9	905.2	897.4	905.2	902.6
22.5°	891.4	889.6	882.7	889.6	887.9
25°	874.1	872.4	865.5	872.4	867.2
27.5°	854.3	855.1	847.4	851.7	849.1
30°	833.6	833.6	828.4	830.1	830.1
32.5°	811.1	811.1	803.4	808.5	807.7
35°	787.8	786.1	781.8	784.4	782.6
37.5°	760.2	759.3	756.8	758.5	756.8
40°	732.6	733.5	731.7	730.9	730.9
42.5°	704.1	705.8	703.3	702.4	701.5
45°	672.2	674.8	673.1	672.2	672.2
47.5°	642.9	643.7	641.1	640.3	637.7
50°	606.6	610.1	608.3	606.6	604.0
52.5°	570.4	575.5	572.1	570.4	570.4
55°	534.1	538.4	535.9	535.9	533.3
57.5°	496.2	500.5	497.0	497.0	493.6
60°	456.5	460.8	458.2	455.6	455.6
62.5°	416.8	420.2	419.4	415.1	412.5
65°	377.9	377.9	375.4	365.9	370.2
67.5°	333.9	333.1	329.6	320.1	326.2
70°	290.8	290.8	284.8	273.5	281.3
72.5°	244.2	246.8	239.0	231.3	239.0
75°	201.1	198.5	194.2	187.2	195.0
77.5°	159.6	155.3	150.1	146.7	151.0
80°	116.5	113.9	107.9	107.9	110.5
82.5°	79.4	76.8	72.5	73.3	69.9
85°	44.0	41.4	42.3	42.3	38.0
87.5°	18.1	18.1	18.1	16.4	14.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)