

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: P565932

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

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565932  
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-CC83-CD-5000K-MED  
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 80CRI, MED LUMEN SETTING, AND NO LENS  
Light Source: -  
Ballast/Driver: -

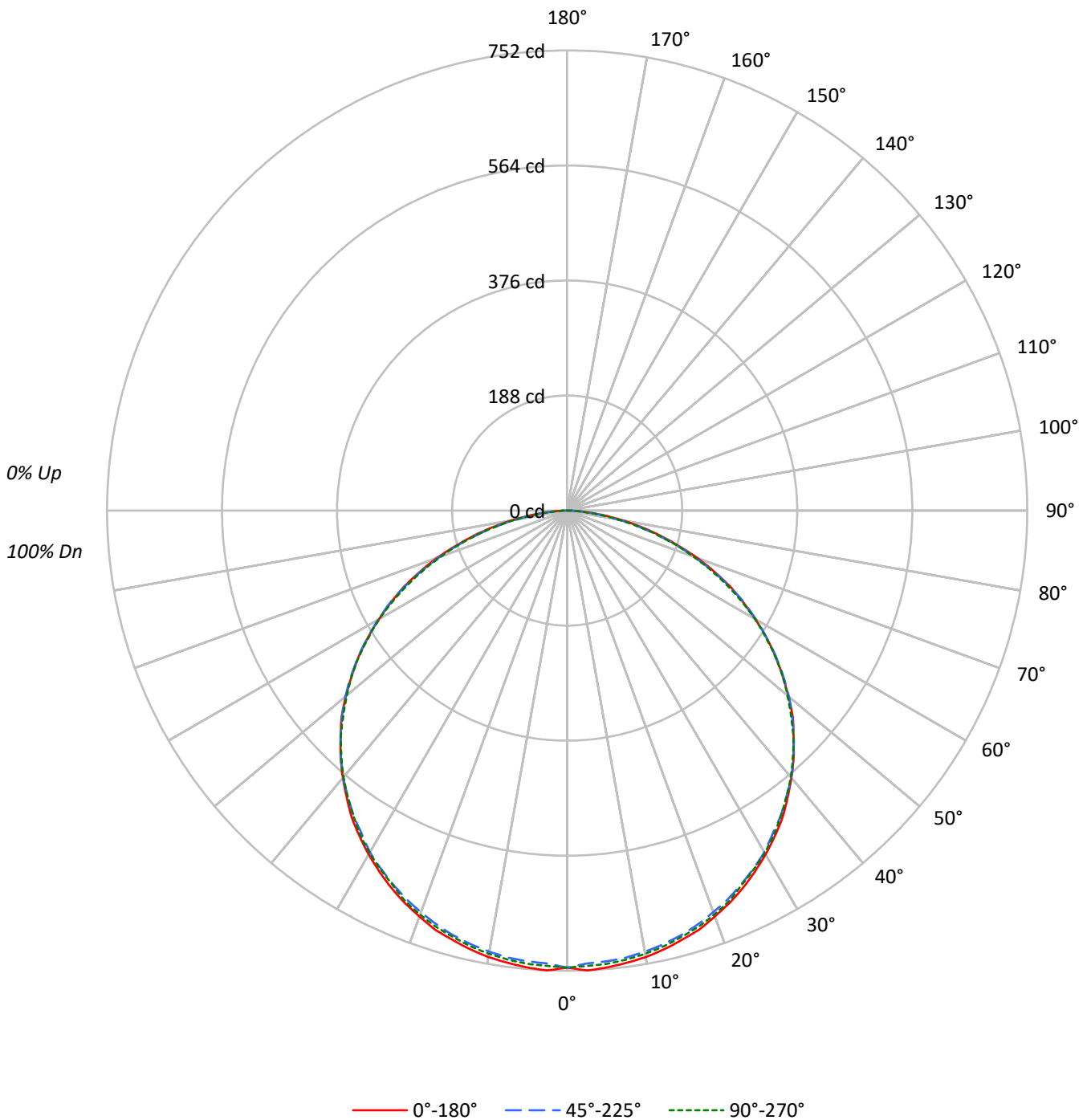
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2233.0 lumens  
Efficiency: N/A  
Efficacy: 169.2 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): 13.2  
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

TEST NUMBER: P565932

CATALOG NUMBER: 2SNX-SL3-UNV-CC83-CD-5000K-MED

### Luminous Intensity Polar Plot





TEST NUMBER: P565932

CATALOG NUMBER: 2SNX-SL3-UNV-CC83-CD-5000K-MED

**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°	16077	16077	16077
5°	16197	15978	16067
10°	16194	16001	16076
15°	16181	16016	16076
20°	16172	16002	16094
25°	16159	16000	16033
30°	16128	16026	16061
35°	16115	15992	16008
40°	16024	16004	15985
45°	15929	15950	15929
50°	15811	15858	15744
55°	15602	15655	15580
60°	15298	15354	15268
65°	14986	14879	14676
70°	14244	13948	13778
75°	13017	12568	12626
80°	11244	10414	10662
85°	8472	8126	7311



TEST NUMBER: P565932

CATALOG NUMBER: 2SNX-SL3-UNV-CC83-CD-5000K-MED

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	70.8	3.2
10°-20°	204.1	9.1
20°-30°	312.4	14.0
30°-40°	381.9	17.1
40°-50°	404.0	18.1
50°-60°	372.2	16.7
60°-70°	286.8	12.8
70°-80°	160.7	7.2
80°-90°	40.0	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°	587.4	26.3
0°-40°	969.3	43.4
0°-60°	1745.5	78.2
0°-90°	2233.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2233.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	747	747	747	747	747	
5°	750	747	739	747	744	71
15°	726	725	719	725	721	205
25°	680	679	674	679	675	314
35°	613	612	608	610	609	383
45°	523	525	524	523	523	404
55°	416	419	417	417	415	371
65°	294	294	292	285	288	289
75°	156	154	151	146	152	166
85°	34	32	33	33	30	42
90°	0	0	0	0	0	



TEST NUMBER: P565932

CATALOG NUMBER: 2SNX-SL3-UNV-CC83-CD-5000K-MED

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	746.8	746.8	746.8	746.8	746.8
2.5°	752.2	748.8	740.8	748.2	744.8
5°	749.5	746.8	739.4	746.8	743.5
7.5°	745.5	743.5	736.8	743.5	740.1
10°	740.8	738.8	732.0	738.8	735.4
12.5°	734.1	732.7	726.0	732.7	729.4
15°	726.0	724.7	718.6	724.7	721.3
17.5°	717.9	715.3	709.2	715.9	713.2
20°	705.9	704.5	698.5	704.5	702.5
22.5°	693.8	692.4	687.1	692.4	691.1
25°	680.3	679.0	673.6	679.0	675.0
27.5°	664.9	665.6	659.5	662.9	660.9
30°	648.8	648.8	644.7	646.1	646.1
32.5°	631.3	631.3	625.3	629.3	628.6
35°	613.2	611.8	608.5	610.5	609.1
37.5°	591.7	591.0	589.0	590.3	589.0
40°	570.2	570.9	569.5	568.8	568.8
42.5°	548.0	549.4	547.4	546.7	546.0
45°	523.2	525.2	523.9	523.2	523.2
47.5°	500.3	501.0	499.0	498.3	496.3
50°	472.1	474.8	473.5	472.1	470.1
52.5°	443.9	448.0	445.3	443.9	443.9
55°	415.7	419.1	417.1	417.1	415.1
57.5°	386.2	389.5	386.8	386.8	384.2
60°	355.3	358.6	356.6	354.6	354.6
62.5°	324.4	327.1	326.4	323.0	321.0
65°	294.2	294.2	292.1	284.8	288.1
67.5°	259.9	259.2	256.6	249.2	253.9
70°	226.3	226.3	221.6	212.9	218.9
72.5°	190.1	192.1	186.0	180.0	186.0
75°	156.5	154.5	151.1	145.7	151.8
77.5°	124.2	120.9	116.9	114.2	117.5
80°	90.7	88.7	84.0	84.0	86.0
82.5°	61.8	59.8	56.4	57.1	54.4
85°	34.3	32.2	32.9	32.9	29.6
87.5°	14.1	14.1	14.1	12.8	11.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)