

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: P565929

Luminaire Tested: **2SNX-SL3-UNV-CC83-CD-4000K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565929
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-4000K-MED
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 80CRI, MED LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

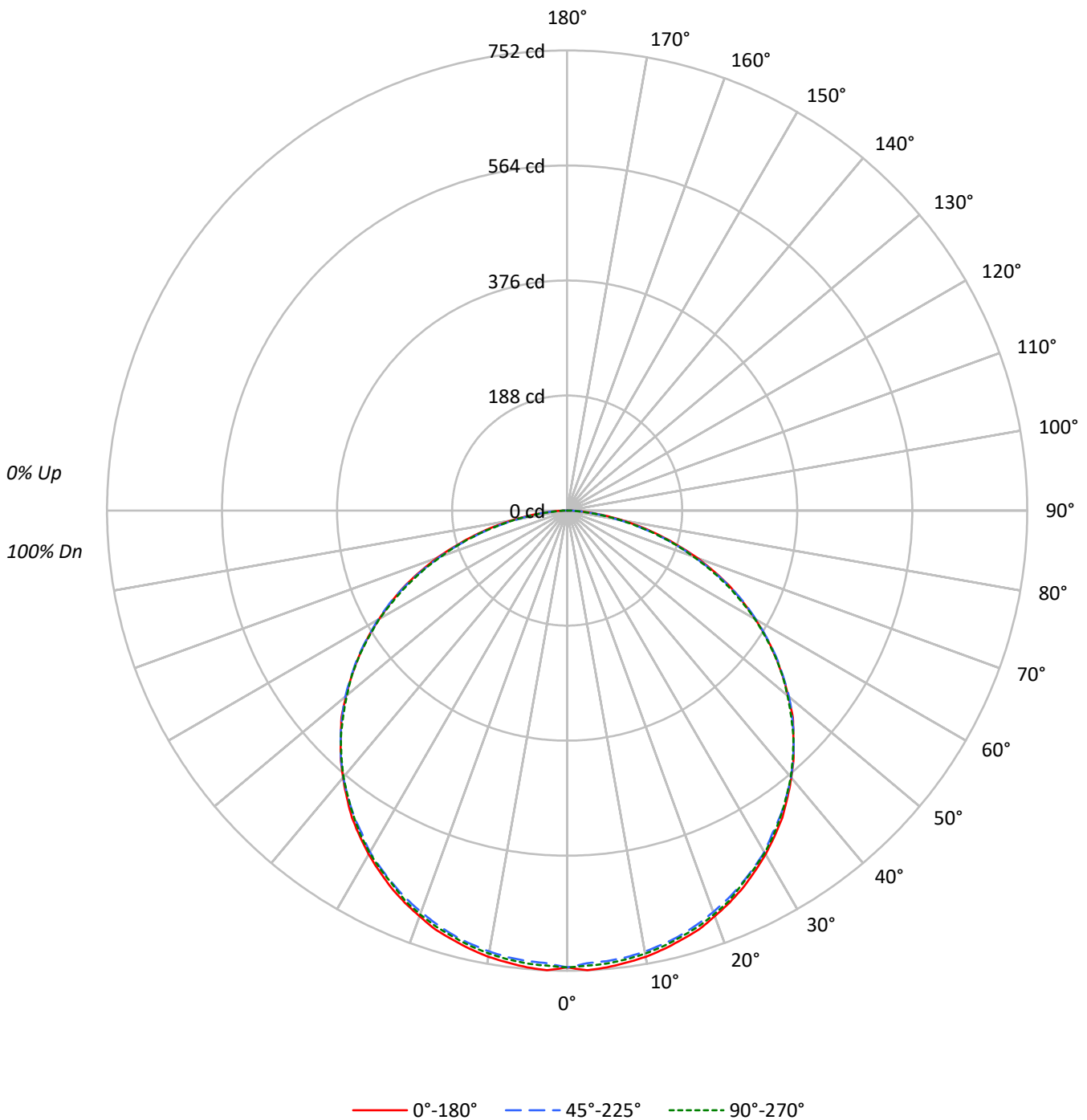
Lumens per Lamp: N/A
Luminaire Lumens: 2232.0 lumens
Efficiency: N/A
Efficacy: 167.4 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 13.332
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: P565929

CATALOG NUMBER: 2SNX-SL3-UNV-CC83-CD-4000K-MED

Luminous Intensity Polar Plot





TEST NUMBER: P565929

CATALOG NUMBER: 2SNX-SL3-UNV-CC83-CD-4000K-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°	16071	16071	16071
5°	16190	15972	16058
10°	16185	15995	16069
15°	16174	16009	16069
20°	16163	15995	16087
25°	16152	15993	16026
30°	16121	16021	16053
35°	16107	15984	16002
40°	16016	15999	15979
45°	15920	15941	15920
50°	15805	15851	15738
55°	15595	15647	15572
60°	15289	15349	15259
65°	14976	14874	14670
70°	14238	13942	13772
75°	13009	12560	12618
80°	11232	10401	10649
85°	8448	8126	7287



TEST NUMBER: P565929

CATALOG NUMBER: 2SNX-SL3-UNV-CC83-CD-4000K-MED

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.8	3.2
10°-20°	204.1	9.1
20°-30°	312.2	14.0
30°-40°	381.7	17.1
40°-50°	403.8	18.1
50°-60°	372.1	16.7
60°-70°	286.7	12.8
70°-80°	160.6	7.2
80°-90°	39.9	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°	587.1	26.3
0°-40°	968.8	43.4
0°-60°	1744.7	78.2
0°-90°	2232.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2232.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	746	746	746	746	746	
5°	749	746	739	746	743	71
15°	726	724	718	724	721	205
25°	680	679	673	679	675	313
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: P565929

CATALOG NUMBER: 2SNX-SL3-UNV-CC83-CD-4000K-MED

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	746.5	746.5	746.5	746.5	746.5
2.5°	751.9	748.5	740.4	747.8	744.5
5°	749.2	746.5	739.1	746.5	743.1
7.5°	745.1	743.1	736.4	743.1	739.8
10°	740.4	738.4	731.7	738.4	735.1
12.5°	733.7	732.4	725.7	732.4	729.0
15°	725.7	724.3	718.3	724.3	721.0
17.5°	717.6	714.9	708.9	715.6	712.9
20°	705.5	704.2	698.2	704.2	702.2
22.5°	693.5	692.1	686.7	692.1	690.8
25°	680.0	678.7	673.3	678.7	674.7
27.5°	664.6	665.3	659.2	662.6	660.6
30°	648.5	648.5	644.5	645.8	645.8
32.5°	631.0	631.0	625.0	629.0	628.3
35°	612.9	611.6	608.2	610.2	608.9
37.5°	591.4	590.7	588.7	590.1	588.7
40°	569.9	570.6	569.3	568.6	568.6
42.5°	547.8	549.1	547.1	546.4	545.8
45°	522.9	525.0	523.6	522.9	522.9
47.5°	500.1	500.8	498.8	498.1	496.1
50°	471.9	474.6	473.3	471.9	469.9
52.5°	443.7	447.8	445.1	443.7	443.7
55°	415.5	418.9	416.9	416.9	414.9
57.5°	386.0	389.4	386.7	386.7	384.0
60°	355.1	358.5	356.5	354.4	354.4
62.5°	324.2	326.9	326.3	322.9	320.9
65°	294.0	294.0	292.0	284.6	288.0
67.5°	259.8	259.1	256.4	249.1	253.8
70°	226.2	226.2	221.5	212.8	218.8
72.5°	190.0	192.0	186.0	179.9	186.0
75°	156.4	154.4	151.0	145.7	151.7
77.5°	124.2	120.8	116.8	114.1	117.5
80°	90.6	88.6	83.9	83.9	85.9
82.5°	61.8	59.7	56.4	57.1	54.4
85°	34.2	32.2	32.9	32.9	29.5
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)