

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: P565866

Luminaire Tested: **2SNX-SL3-LC-UNV-CC93-CD-4000K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565866
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2205-663-1)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNX-SL3-LC-UNV-CC93-CD-4000K-MED
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, MED LUMEN SETTING, AND LC LENS
Light Source: -
Ballast/Driver: -

Summary

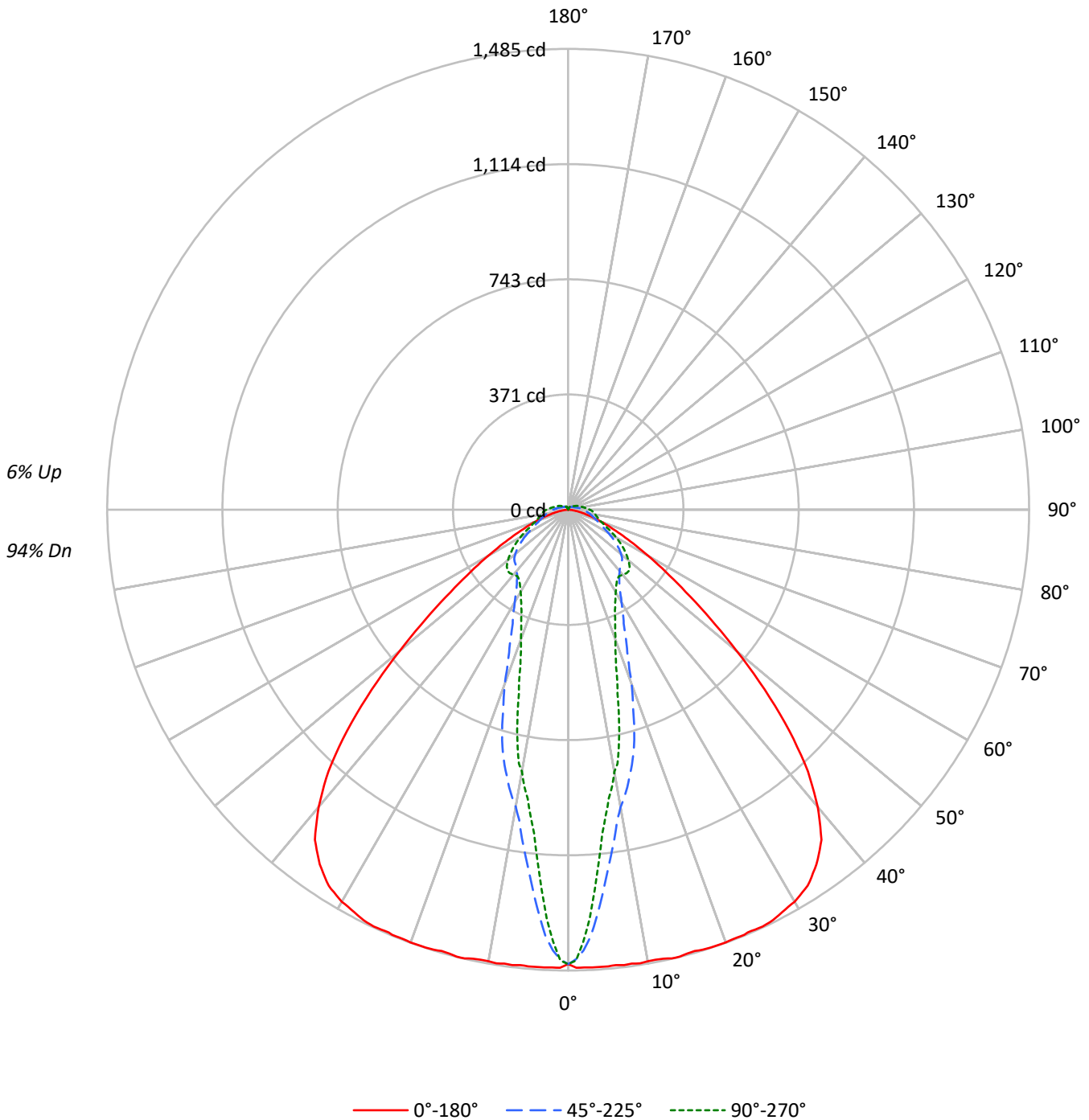
Lumens per Lamp: N/A
Luminaire Lumens: 1805.1 lumens
Efficiency: N/A
Efficacy: 135.4 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Direct

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

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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	50	30	10	0	
RCR																						
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94				
1	108	103	99	96	105	101	97	94	95	92	90	90	88	86	86	84	82	80				
2	99	92	86	80	96	89	84	79	85	80	76	81	77	74	77	74	71	69				
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	70	66	62	60				
4	85	74	66	60	82	72	65	59	69	63	58	66	61	56	63	59	55	53				
5	79	67	59	53	76	66	58	52	63	56	51	60	55	50	58	53	49	47				
6	73	61	53	47	71	60	52	47	58	51	46	56	50	45	53	48	44	42				
7	69	56	48	43	67	55	48	42	53	46	42	51	45	41	50	44	40	38				
8	64	52	44	39	63	51	44	39	49	43	38	48	42	37	46	41	37	35				
9	61	48	41	36	59	47	40	35	46	39	35	44	39	34	43	38	34	32				
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	40	35	31	30				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	31523	31523	31523
5°	31693	25827	23176
10°	31826	19453	16773
15°	32286	15867	11614
20°	32990	11456	8202
25°	33883	8191	6453
30°	34598	6531	5496
35°	34638	5514	4922
40°	32848	5002	4934
45°	28336	4822	5069
50°	21588	4574	4731
55°	15513	3992	4197
60°	11137	3321	3549
65°	7995	2800	2910
70°	5782	2464	2510
75°	3991	2273	2339
80°	2492	2119	2303
85°	1050	2008	2307



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.2	6.4
10°-20°	250.1	13.9
20°-30°	286.2	15.9
30°-40°	286.8	15.9
40°-50°	271.5	15.0
50°-60°	208.2	11.5
60°-70°	134.2	7.4
70°-80°	85.6	4.7
80°-90°	56.8	3.1
90°-100°	38.2	2.1
100°-110°	25.2	1.4
110°-120°	17.5	1.0
120°-130°	12.2	0.7
130°-140°	8.5	0.5
140°-150°	5.2	0.3
150°-160°	2.6	0.1
160°-170°	1.0	0.1
170°-180°	0.2	0.0
0°-30°	651.5	36.1
0°-40°	938.2	52.0
0°-60°	1417.9	78.5
0°-90°	1694.5	93.9
90°-120°	80.9	4.5
90°-150°	106.8	5.9
90°-180°	111.0	6.1
0°-180°	1805.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1464	1464	1464	1464	1464	
5°	1477	1396	1251	1166	1135	141
15°	1481	1066	813	668	614	420
25°	1482	755	430	374	356	683
35°	1395	420	288	278	275	865
45°	1008	266	242	268	278	767
55°	462	190	187	210	218	425
65°	185	119	118	134	139	190
75°	63	65	81	93	98	69
85°	8	30	57	75	80	11
90°	0	20	48	67	69	0
95°	0	15	40	55	57	0
105°	0	11	26	37	40	1
115°	1	9	19	27	29	1
125°	1	8	17	19	20	1
135°	1	6	13	16	17	1
145°	1	5	9	12	13	1
155°	1	3	6	8	9	0
165°	2	2	4	5	6	0
175°	2	2	2	2	1	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1464.3	1464.3	1464.3	1464.3	1464.3
1°	1476.3	1468.0	1448.6	1454.1	1453.2
2°	1476.3	1458.8	1420.8	1409.7	1393.1
3°	1477.3	1443.0	1378.3	1342.2	1319.1
4°	1477.3	1419.9	1315.4	1255.2	1225.6
5°	1477.3	1395.9	1250.6	1166.4	1135.0
6°	1475.4	1367.2	1184.9	1096.1	1049.0
7°	1478.2	1335.7	1125.7	1030.5	993.5
8°	1477.3	1298.7	1071.2	980.5	939.8
9°	1480.0	1262.6	1012.0	933.3	902.8
10°	1477.3	1229.3	973.1	888.9	857.5
11°	1477.3	1197.0	945.4	860.3	833.4
12°	1479.1	1160.0	914.8	819.6	782.6
13°	1483.7	1122.0	879.7	775.2	731.7
14°	1484.7	1093.4	847.3	718.7	673.4
15°	1481.0	1066.5	813.1	667.9	614.2
16°	1479.1	1038.8	772.4	619.8	571.7
17°	1482.8	1006.4	726.1	570.7	526.3
18°	1483.7	976.8	677.1	533.7	494.9
19°	1483.7	953.7	637.3	499.5	466.2
20°	1483.7	931.5	596.6	473.6	444.9
21°	1481.9	903.7	550.4	446.8	422.7
22.5°	1482.8	851.9	497.7	415.3	395.9
23°	1480.0	839.0	484.7	407.0	386.7
24°	1481.0	802.0	457.0	390.4	370.9
25°	1481.9	754.8	430.1	373.7	356.1
26°	1480.0	716.9	407.9	358.0	346.0
27°	1475.4	686.4	392.2	345.0	333.9
28°	1468.9	645.7	375.6	333.9	323.8
29°	1462.5	599.4	358.9	321.9	314.5
30°	1458.8	562.4	343.2	312.7	306.2
32.5°	1436.6	489.3	310.8	294.2	288.6
35°	1394.9	420.0	287.7	278.4	274.7
37.5°	1340.4	366.3	270.1	268.3	269.2
40°	1250.6	323.8	257.2	265.5	273.8
42.5°	1143.3	290.5	247.9	268.3	277.5
45°	1008.3	265.5	242.4	268.3	277.5
47.5°	858.4	245.1	235.9	259.0	268.3
50°	708.6	226.6	222.9	245.1	253.5
52.5°	576.3	209.1	206.3	227.6	235.9
55°	462.5	189.6	186.9	210.0	218.3
57.5°	370.9	171.1	168.4	189.6	198.0
60°	296.0	152.6	148.0	169.3	177.6
62.5°	235.9	135.1	132.3	150.8	158.2
65°	185.0	119.3	117.5	134.1	138.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	146.2	104.5	105.5	119.3	124.9
70°	112.9	90.7	96.2	109.2	112.9
72.5°	85.1	76.8	88.8	99.9	104.5
75°	62.9	64.8	81.4	93.4	98.1
77.5°	43.5	53.7	74.9	87.9	92.5
80°	29.6	43.5	68.5	83.3	88.8
82.5°	17.6	36.1	62.9	78.6	85.1
85°	8.3	29.6	57.4	74.9	80.5
87.5°	2.8	24.1	51.8	71.2	75.9
90°	0.0	20.4	48.1	66.6	69.4
92.5°	0.0	17.6	43.5	61.1	62.9
95°	0.0	14.8	39.8	54.6	57.4
97.5°	0.0	13.9	37.0	49.0	52.7
100°	0.0	13.0	33.3	44.4	48.1
102.5°	0.0	11.1	29.6	39.8	43.5
105°	0.0	11.1	25.9	37.0	39.8
107.5°	0.9	10.2	24.1	33.3	37.0
110°	0.9	10.2	21.3	31.5	34.2
112.5°	0.9	10.2	20.4	28.7	32.4
115°	0.9	9.3	19.4	26.8	28.7
117.5°	0.9	9.3	18.5	24.1	25.9
120°	0.9	8.3	17.6	22.2	23.1
122.5°	0.9	8.3	16.7	20.4	21.3
125°	0.9	8.3	16.7	19.4	20.4
127.5°	0.9	7.4	15.7	18.5	18.5
130°	0.9	7.4	14.8	17.6	17.6
132.5°	0.9	6.5	13.9	16.7	17.6
135°	0.9	6.5	13.0	15.7	16.7
137.5°	0.9	5.6	12.0	14.8	15.7
140°	0.9	5.6	11.1	13.9	14.8
142.5°	0.9	4.6	10.2	13.0	13.9
145°	0.9	4.6	9.3	12.0	13.0
147.5°	0.9	4.6	8.3	11.1	12.0
150°	0.9	3.7	7.4	10.2	11.1
152.5°	0.9	3.7	6.5	9.3	10.2
155°	0.9	2.8	5.6	8.3	9.3
157.5°	0.9	2.8	5.6	7.4	8.3
160°	1.9	2.8	4.6	6.5	7.4
162.5°	0.9	1.9	4.6	5.6	6.5
165°	1.9	1.9	3.7	4.6	5.6
167.5°	1.9	1.9	2.8	3.7	4.6
170°	1.9	1.9	2.8	2.8	3.7
172.5°	1.9	1.9	1.9	2.8	1.9
175°	1.9	1.9	1.9	1.9	0.9
177.5°	1.9	1.9	1.9	1.9	0.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.9	1.9	1.9	1.9	1.9

(END OF REPORT)