

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: P567066

Luminaire Tested: **4SNX-SL3-LC-UNV-CC83-CD-3500K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567066
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: 4SNX-SL3-LC-UNV-CC83-CD-3500K-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 80CRI, MED LUMEN SETTING, AND LC LENS
Light Source: -
Ballast/Driver: -

Summary

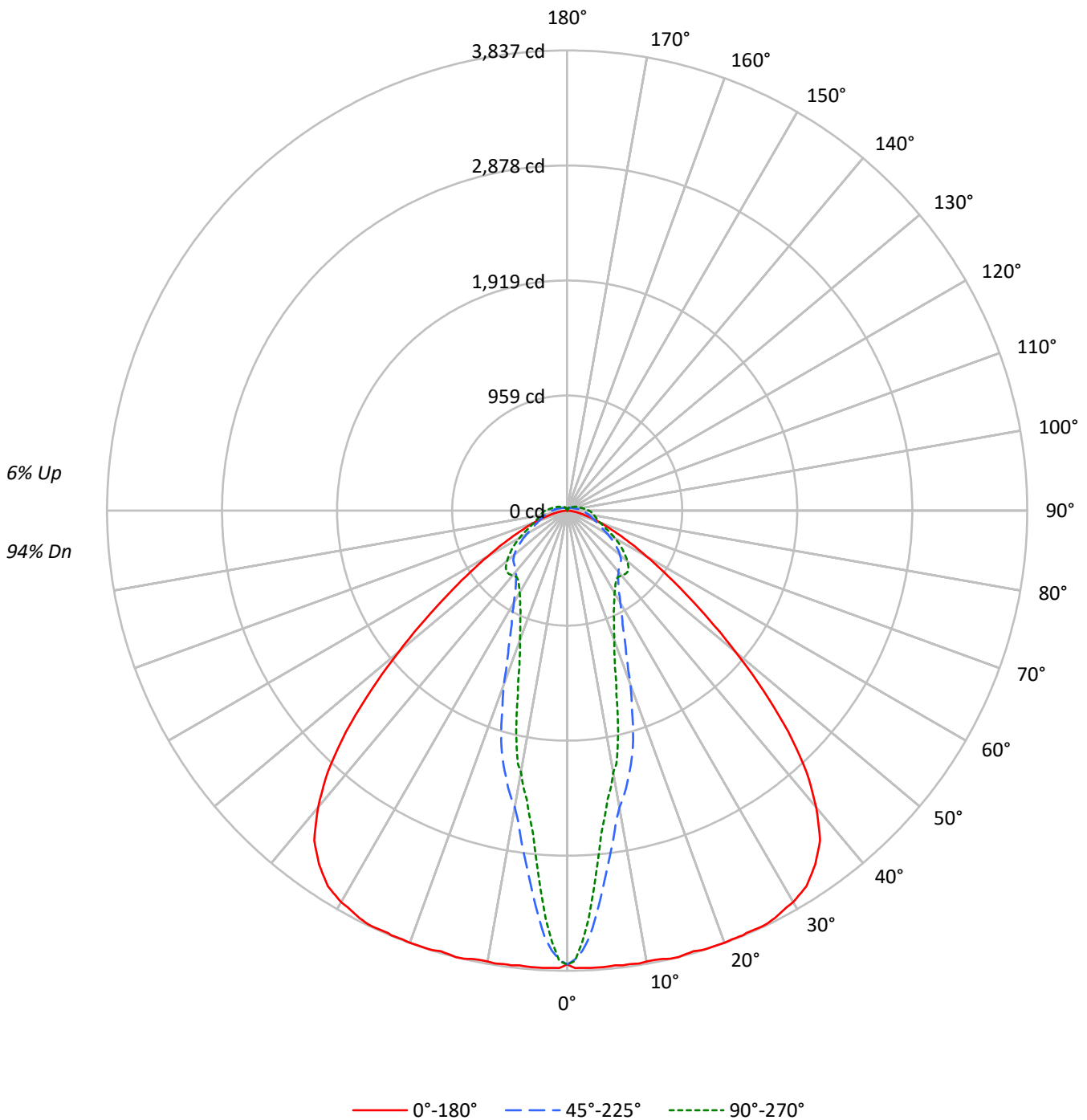
Lumens per Lamp: N/A
Luminaire Lumens: 4665.0 lumens
Efficiency: N/A
Efficacy: 139.4 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

Input Watts (W): 33.462
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: P567066

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC83-CD-3500K-MED

Luminous Intensity Polar Plot





TEST NUMBER: P567066

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC83-CD-3500K-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	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°	40736	40736	40736
5°	41103	33458	29949
10°	41425	25258	21675
15°	42181	20646	15008
20°	43269	14940	10600
25°	44619	10703	8339
30°	45758	8551	7102
35°	46030	7233	6360
40°	43882	6575	6376
45°	38081	6353	6550
50°	29216	6042	6113
55°	21172	5283	5424
60°	15360	4409	4586
65°	11178	3728	3759
70°	8237	3293	3242
75°	5852	3050	3021
80°	3836	2855	2976
85°	1799	2722	2980



TEST NUMBER: P567066

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC83-CD-3500K-MED

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	297.6	6.4
10°-20°	646.3	13.9
20°-30°	739.8	15.9
30°-40°	741.1	15.9
40°-50°	701.5	15.0
50°-60°	538.0	11.5
60°-70°	346.8	7.4
70°-80°	221.2	4.7
80°-90°	146.9	3.1
90°-100°	98.7	2.1
100°-110°	65.1	1.4
110°-120°	45.2	1.0
120°-130°	31.6	0.7
130°-140°	21.9	0.5
140°-150°	13.4	0.3
150°-160°	6.8	0.1
160°-170°	2.6	0.1
170°-180°	0.5	0.0
0°-30°	1683.7	36.1
0°-40°	2424.8	52.0
0°-60°	3664.4	78.5
0°-90°	4379.2	93.9
90°-120°	209.0	4.5
90°-150°	275.9	5.9
90°-180°	286.0	6.1
0°-180°	4665.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3784	3784	3784	3784	3784	
5°	3818	3608	3232	3015	2933	365
15°	3828	2756	2101	1726	1587	1086
25°	3830	1951	1112	966	920	1766
35°	3605	1085	744	720	710	2237
45°	2606	686	626	693	717	1981
55°	1195	490	483	543	564	1099
65°	478	308	304	347	359	492
75°	163	167	210	242	253	179
85°	22	76	148	194	208	30
90°	0	53	124	172	179	1
95°	0	38	103	141	148	0
105°	0	29	67	96	103	2
115°	2	24	50	69	74	2
125°	2	22	43	50	53	2
135°	2	17	34	41	43	2
145°	2	12	24	31	34	2
155°	2	7	14	22	24	1
165°	5	5	10	12	14	1
175°	5	5	5	5	2	0
180°	5	5	5	5	5	



TEST NUMBER: P567066

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC83-CD-3500K-MED

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3784.5	3784.5	3784.5	3784.5	3784.5
1°	3815.6	3794.0	3743.8	3758.2	3755.8
2°	3815.6	3770.1	3672.1	3643.4	3600.4
3°	3817.9	3729.5	3562.1	3468.9	3409.1
4°	3817.9	3669.7	3399.6	3244.2	3167.7
5°	3817.9	3607.6	3232.2	3014.7	2933.4
6°	3813.2	3533.5	3062.5	2833.0	2711.1
7°	3820.3	3452.2	2909.5	2663.2	2567.6
8°	3817.9	3356.5	2768.4	2534.1	2428.9
9°	3825.1	3263.3	2615.4	2412.2	2333.3
10°	3817.9	3177.2	2515.0	2297.5	2216.2
11°	3817.9	3093.6	2443.3	2223.3	2154.0
12°	3822.7	2997.9	2364.4	2118.2	2022.5
13°	3834.7	2899.9	2273.6	2003.4	1891.0
14°	3837.1	2825.8	2189.9	1857.6	1740.4
15°	3827.5	2756.5	2101.4	1726.1	1587.4
16°	3822.7	2684.8	1996.2	1601.8	1477.5
17°	3832.3	2601.1	1876.7	1475.1	1360.3
18°	3834.7	2524.6	1750.0	1379.4	1279.0
19°	3834.7	2464.8	1647.2	1291.0	1204.9
20°	3834.7	2407.4	1542.0	1224.0	1149.9
21°	3829.9	2335.7	1422.5	1154.7	1092.5
22.5°	3832.3	2201.8	1286.2	1073.4	1023.2
23°	3825.1	2168.4	1252.7	1051.9	999.3
24°	3827.5	2072.7	1181.0	1008.9	958.7
25°	3829.9	1950.8	1111.7	965.8	920.4
26°	3825.1	1852.8	1054.3	925.2	894.1
27°	3813.2	1773.9	1013.7	891.7	863.0
28°	3796.4	1668.7	970.6	863.0	836.7
29°	3779.7	1549.2	927.6	832.0	812.8
30°	3770.1	1453.5	886.9	808.1	791.3
32.5°	3712.8	1264.7	803.3	760.2	745.9
35°	3605.2	1085.4	743.5	719.6	710.0
37.5°	3464.1	946.7	698.1	693.3	695.7
40°	3232.2	836.7	664.6	686.1	707.6
42.5°	2954.9	750.7	640.7	693.3	717.2
45°	2605.9	686.1	626.4	693.3	717.2
47.5°	2218.6	633.5	609.6	669.4	693.3
50°	1831.3	585.7	576.2	633.5	655.1
52.5°	1489.4	540.3	533.1	588.1	609.6
55°	1195.3	490.1	482.9	542.7	564.2
57.5°	958.7	442.3	435.1	490.1	511.6
60°	765.0	394.5	382.5	437.5	459.0
62.5°	609.6	349.0	341.9	389.7	408.8
65°	478.1	308.4	303.6	346.7	358.6



TEST NUMBER: P567066

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC83-CD-3500K-MED

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	377.7	270.1	272.5	308.4	322.7
70°	291.7	234.3	248.6	282.1	291.7
72.5°	219.9	198.4	229.5	258.2	270.1
75°	162.6	167.3	210.4	241.5	253.4
77.5°	112.4	138.7	193.6	227.1	239.1
80°	76.5	112.4	176.9	215.2	229.5
82.5°	45.4	93.2	162.6	203.2	219.9
85°	21.5	76.5	148.2	193.6	208.0
87.5°	7.2	62.2	133.9	184.1	196.0
90°	0.0	52.6	124.3	172.1	179.3
92.5°	0.0	45.4	112.4	157.8	162.6
95°	0.0	38.3	102.8	141.1	148.2
97.5°	0.0	35.9	95.6	126.7	136.3
100°	0.0	33.5	86.1	114.8	124.3
102.5°	0.0	28.7	76.5	102.8	112.4
105°	0.0	28.7	66.9	95.6	102.8
107.5°	2.4	26.3	62.2	86.1	95.6
110°	2.4	26.3	55.0	81.3	88.5
112.5°	2.4	26.3	52.6	74.1	83.7
115°	2.4	23.9	50.2	69.3	74.1
117.5°	2.4	23.9	47.8	62.2	66.9
120°	2.4	21.5	45.4	57.4	59.8
122.5°	2.4	21.5	43.0	52.6	55.0
125°	2.4	21.5	43.0	50.2	52.6
127.5°	2.4	19.1	40.6	47.8	47.8
130°	2.4	19.1	38.3	45.4	45.4
132.5°	2.4	16.7	35.9	43.0	45.4
135°	2.4	16.7	33.5	40.6	43.0
137.5°	2.4	14.3	31.1	38.3	40.6
140°	2.4	14.3	28.7	35.9	38.3
142.5°	2.4	12.0	26.3	33.5	35.9
145°	2.4	12.0	23.9	31.1	33.5
147.5°	2.4	12.0	21.5	28.7	31.1
150°	2.4	9.6	19.1	26.3	28.7
152.5°	2.4	9.6	16.7	23.9	26.3
155°	2.4	7.2	14.3	21.5	23.9
157.5°	2.4	7.2	14.3	19.1	21.5
160°	4.8	7.2	12.0	16.7	19.1
162.5°	2.4	4.8	12.0	14.3	16.7
165°	4.8	4.8	9.6	12.0	14.3
167.5°	4.8	4.8	7.2	9.6	12.0
170°	4.8	4.8	7.2	7.2	9.6
172.5°	4.8	4.8	4.8	7.2	4.8
175°	4.8	4.8	4.8	4.8	2.4
177.5°	4.8	4.8	4.8	4.8	2.4



TEST NUMBER: P567066

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC83-CD-3500K-MED

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	4.8	4.8	4.8	4.8	4.8

(END OF REPORT)