

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: P567077

Luminaire Tested: **4SNX-SL3-LC-UNV-CC93-CD-4000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567077
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-CC93-CD-4000K-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, LOW LUMEN SETTING, AND LC LENS
Light Source: -
Ballast/Driver: -

Summary

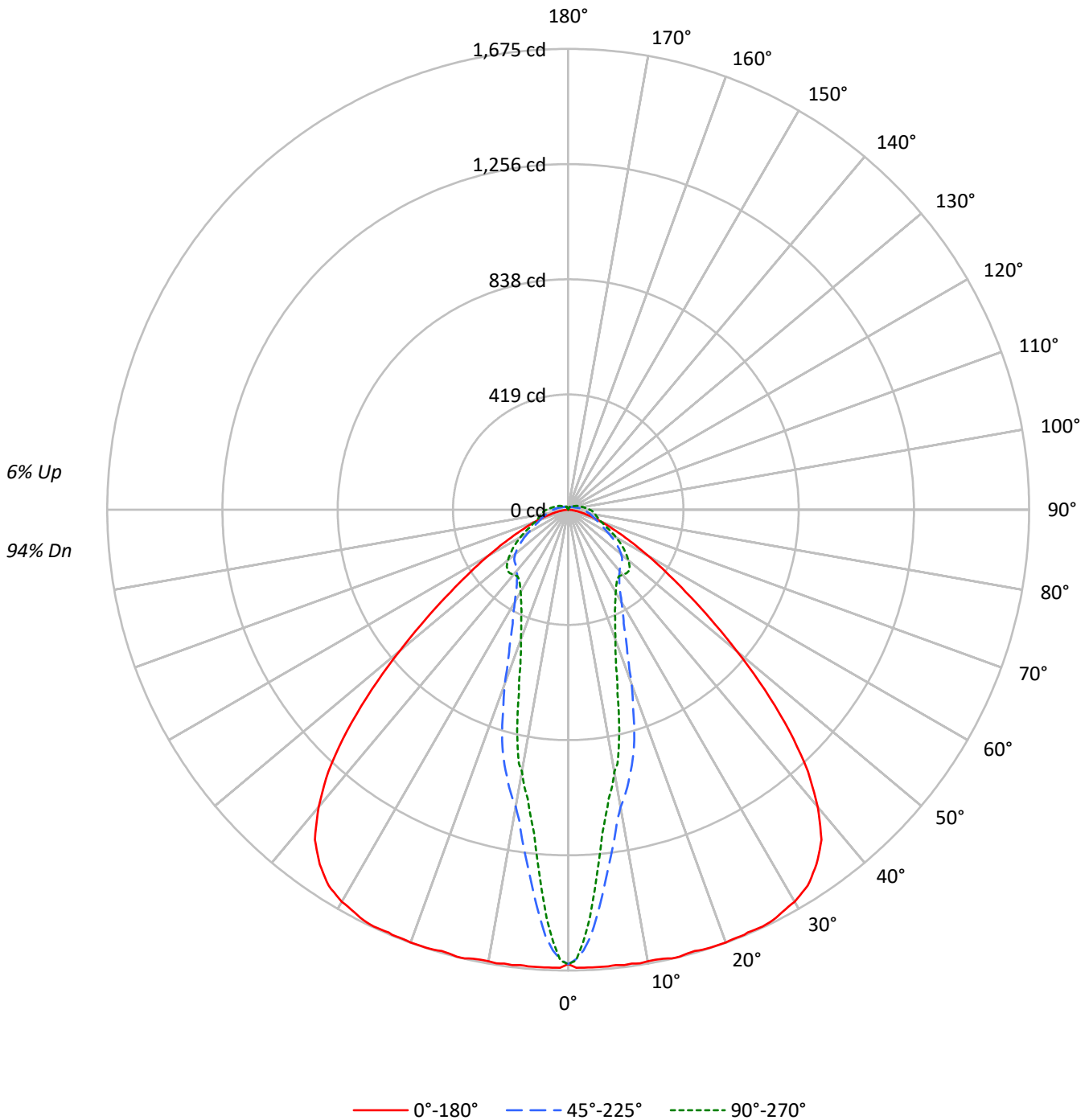
Lumens per Lamp: N/A
Luminaire Lumens: 2036.0 lumens
Efficiency: N/A
Efficacy: 126.2 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

Input Watts (W): 16.137
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: P567077

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC93-CD-4000K-LOW

Luminous Intensity Polar Plot





TEST NUMBER: P567077

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC93-CD-4000K-LOW

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°	17779	17779	17779
5°	17939	14603	13071
10°	18080	11024	9459
15°	18410	9011	6550
20°	18884	6520	4626
25°	19473	4671	3639
30°	19970	3732	3100
35°	20089	3157	2776
40°	19153	2870	2782
45°	16620	2773	2859
50°	12750	2637	2668
55°	9241	2306	2367
60°	6704	1924	2001
65°	4879	1627	1641
70°	3595	1437	1415
75°	2555	1331	1319
80°	1675	1246	1299
85°	786	1188	1301



TEST NUMBER: P567077

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC93-CD-4000K-LOW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.9	6.4
10°-20°	282.1	13.9
20°-30°	322.9	15.9
30°-40°	323.5	15.9
40°-50°	306.2	15.0
50°-60°	234.8	11.5
60°-70°	151.4	7.4
70°-80°	96.5	4.7
80°-90°	64.1	3.1
90°-100°	43.1	2.1
100°-110°	28.4	1.4
110°-120°	19.7	1.0
120°-130°	13.8	0.7
130°-140°	9.6	0.5
140°-150°	5.9	0.3
150°-160°	3.0	0.1
160°-170°	1.1	0.1
170°-180°	0.2	0.0
0°-30°	734.8	36.1
0°-40°	1058.3	52.0
0°-60°	1599.3	78.6
0°-90°	1911.3	93.9
90°-120°	91.2	4.5
90°-150°	120.4	5.9
90°-180°	125.0	6.1
0°-180°	2036.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1652	1652	1652	1652	1652	
5°	1666	1574	1411	1316	1280	159
15°	1670	1203	917	753	693	474
25°	1672	851	485	422	402	771
35°	1573	474	324	314	310	976
45°	1137	300	273	303	313	865
55°	522	214	211	237	246	480
65°	209	135	132	151	156	215
75°	71	73	92	105	111	78
85°	9	33	65	84	91	13
90°	0	23	54	75	78	0
95°	0	17	45	62	65	0
105°	0	12	29	42	45	1
115°	1	10	22	30	32	1
125°	1	9	19	22	23	1
135°	1	7	15	18	19	1
145°	1	5	10	14	15	1
155°	1	3	6	9	10	1
165°	2	2	4	5	6	1
175°	2	2	2	2	1	0
180°	2	2	2	2	2	



TEST NUMBER: P567077

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC93-CD-4000K-LOW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1651.7	1651.7	1651.7	1651.7	1651.7
1°	1665.3	1655.9	1634.0	1640.2	1639.2
2°	1665.3	1645.4	1602.7	1590.1	1571.4
3°	1666.3	1627.7	1554.7	1514.0	1487.9
4°	1666.3	1601.6	1483.7	1415.9	1382.5
5°	1666.3	1574.5	1410.7	1315.7	1280.3
6°	1664.2	1542.1	1336.6	1236.4	1183.2
7°	1667.4	1506.7	1269.8	1162.3	1120.6
8°	1666.3	1464.9	1208.3	1106.0	1060.1
9°	1669.4	1424.2	1141.5	1052.8	1018.4
10°	1666.3	1386.7	1097.7	1002.7	967.2
11°	1666.3	1350.2	1066.4	970.4	940.1
12°	1668.4	1308.4	1031.9	924.5	882.7
13°	1673.6	1265.6	992.3	874.4	825.3
14°	1674.7	1233.3	955.8	810.7	759.6
15°	1670.5	1203.0	917.1	753.3	692.8
16°	1668.4	1171.7	871.2	699.1	644.8
17°	1672.6	1135.2	819.1	643.8	593.7
18°	1673.6	1101.8	763.8	602.0	558.2
19°	1673.6	1075.7	718.9	563.4	525.9
20°	1673.6	1050.7	673.0	534.2	501.9
21°	1671.5	1019.4	620.8	504.0	476.8
22.5°	1672.6	961.0	561.3	468.5	446.6
23°	1669.4	946.4	546.7	459.1	436.1
24°	1670.5	904.6	515.4	440.3	418.4
25°	1671.5	851.4	485.2	421.5	401.7
26°	1669.4	808.6	460.1	403.8	390.2
27°	1664.2	774.2	442.4	389.2	376.7
28°	1656.9	728.3	423.6	376.7	365.2
29°	1649.6	676.1	404.8	363.1	354.8
30°	1645.4	634.4	387.1	352.7	345.4
32.5°	1620.4	552.0	350.6	331.8	325.5
35°	1573.4	473.7	324.5	314.1	309.9
37.5°	1511.9	413.2	304.7	302.6	303.6
40°	1410.7	365.2	290.1	299.5	308.8
42.5°	1289.6	327.6	279.6	302.6	313.0
45°	1137.3	299.5	273.4	302.6	313.0
47.5°	968.3	276.5	266.1	292.2	302.6
50°	799.2	255.6	251.5	276.5	285.9
52.5°	650.0	235.8	232.7	256.7	266.1
55°	521.7	213.9	210.8	236.9	246.2
57.5°	418.4	193.0	189.9	213.9	223.3
60°	333.9	172.2	166.9	190.9	200.3
62.5°	266.1	152.3	149.2	170.1	178.4
65°	208.7	134.6	132.5	151.3	156.5



TEST NUMBER: P567077

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC93-CD-4000K-LOW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	164.9	117.9	118.9	134.6	140.9
70°	127.3	102.3	108.5	123.1	127.3
72.5°	96.0	86.6	100.2	112.7	117.9
75°	71.0	73.0	91.8	105.4	110.6
77.5°	49.0	60.5	84.5	99.1	104.3
80°	33.4	49.0	77.2	93.9	100.2
82.5°	19.8	40.7	71.0	88.7	96.0
85°	9.4	33.4	64.7	84.5	90.8
87.5°	3.1	27.1	58.4	80.3	85.6
90°	0.0	23.0	54.3	75.1	78.3
92.5°	0.0	19.8	49.0	68.9	71.0
95°	0.0	16.7	44.9	61.6	64.7
97.5°	0.0	15.7	41.7	55.3	59.5
100°	0.0	14.6	37.6	50.1	54.3
102.5°	0.0	12.5	33.4	44.9	49.0
105°	0.0	12.5	29.2	41.7	44.9
107.5°	1.0	11.5	27.1	37.6	41.7
110°	1.0	11.5	24.0	35.5	38.6
112.5°	1.0	11.5	23.0	32.3	36.5
115°	1.0	10.4	21.9	30.3	32.3
117.5°	1.0	10.4	20.9	27.1	29.2
120°	1.0	9.4	19.8	25.0	26.1
122.5°	1.0	9.4	18.8	23.0	24.0
125°	1.0	9.4	18.8	21.9	23.0
127.5°	1.0	8.3	17.7	20.9	20.9
130°	1.0	8.3	16.7	19.8	19.8
132.5°	1.0	7.3	15.7	18.8	19.8
135°	1.0	7.3	14.6	17.7	18.8
137.5°	1.0	6.3	13.6	16.7	17.7
140°	1.0	6.3	12.5	15.7	16.7
142.5°	1.0	5.2	11.5	14.6	15.7
145°	1.0	5.2	10.4	13.6	14.6
147.5°	1.0	5.2	9.4	12.5	13.6
150°	1.0	4.2	8.3	11.5	12.5
152.5°	1.0	4.2	7.3	10.4	11.5
155°	1.0	3.1	6.3	9.4	10.4
157.5°	1.0	3.1	6.3	8.3	9.4
160°	2.1	3.1	5.2	7.3	8.3
162.5°	1.0	2.1	5.2	6.3	7.3
165°	2.1	2.1	4.2	5.2	6.3
167.5°	2.1	2.1	3.1	4.2	5.2
170°	2.1	2.1	3.1	3.1	4.2
172.5°	2.1	2.1	2.1	3.1	2.1
175°	2.1	2.1	2.1	2.1	1.0
177.5°	2.1	2.1	2.1	2.1	1.0



TEST NUMBER: P567077

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC93-CD-4000K-LOW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.1	2.1	2.1	2.1	2.1

(END OF REPORT)