

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: P567093

Luminaire Tested: **4SNX-SL3-LN-UNV-CC93-CD-3500K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567093
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-6)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-SL3-LN-UNV-CC93-CD-3500K-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, MED LUMEN SETTING, AND LN LENS
Light Source: -
Ballast/Driver: -

Summary

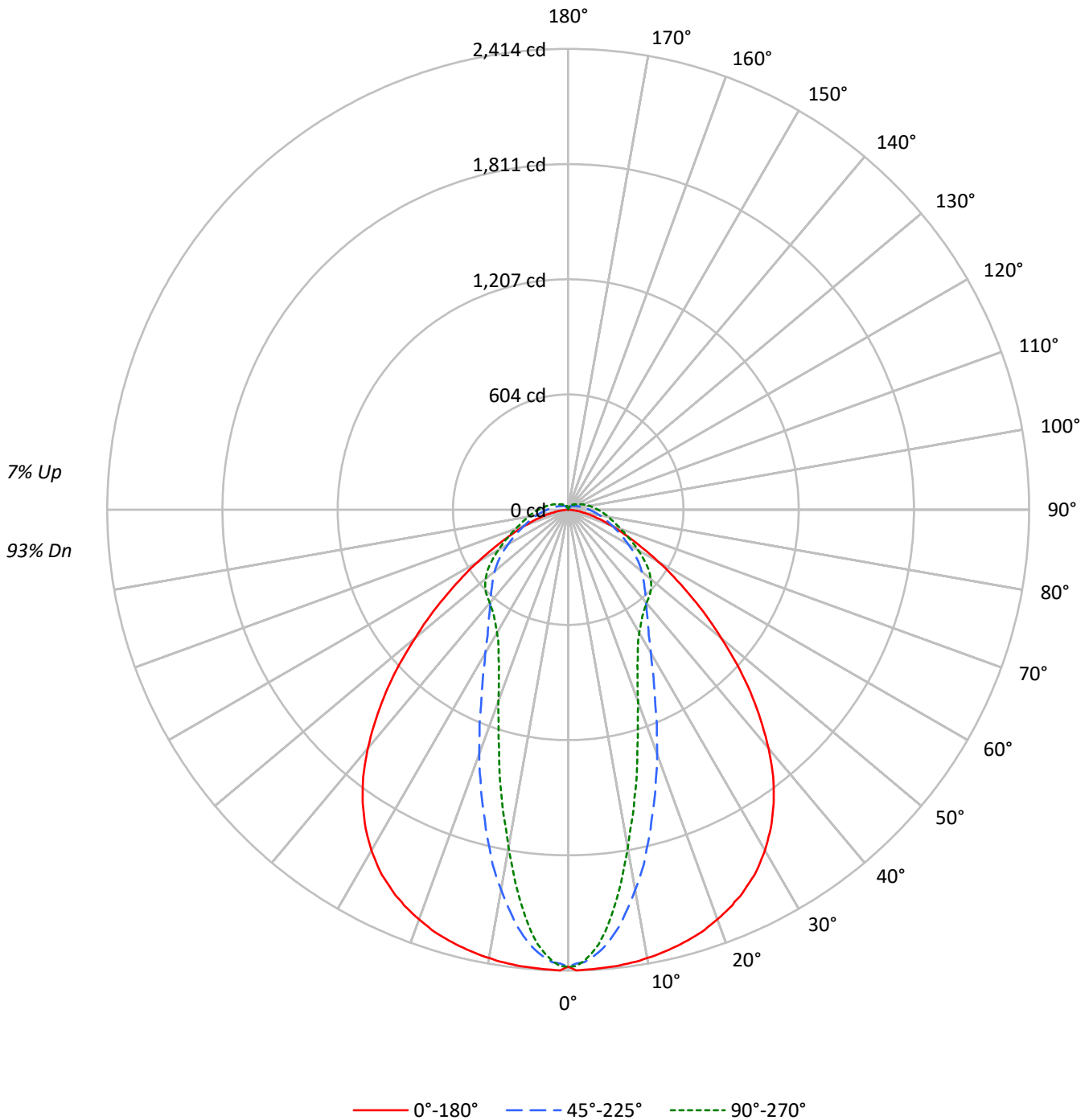
Lumens per Lamp: N/A
Luminaire Lumens: 3816.1 lumens
Efficiency: N/A
Efficacy: 114.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

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

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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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93				
1	107	103	99	95	104	100	96	93	94	91	88	89	87	85	85	83	81	78				
2	99	91	84	79	95	88	82	77	84	79	75	79	75	72	76	72	69	67				
3	91	81	73	67	88	79	72	66	75	69	64	71	66	62	68	64	60	58				
4	84	73	64	58	81	71	63	57	67	61	56	64	59	54	62	57	53	51				
5	78	66	57	51	75	64	56	51	61	55	49	59	53	48	56	51	47	45				
6	72	60	51	45	70	59	51	45	56	49	44	54	48	43	52	46	42	40				
7	67	55	47	41	65	54	46	41	52	45	40	50	44	39	48	42	38	36				
8	63	51	43	37	61	50	42	37	48	41	36	46	40	36	44	39	35	33				
9	59	47	39	34	58	46	39	34	44	38	33	43	37	33	41	36	32	30				
10	56	44	36	31	54	43	36	31	41	35	31	40	34	30	39	34	30	28				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	25768	25768	25768
5°	25901	23683	22664
10°	25866	20306	17584
15°	25853	16564	13179
20°	25771	13195	9863
25°	25536	10340	7828
30°	25001	8368	6677
35°	23951	7082	6074
40°	22156	6253	5749
45°	19698	5720	5571
50°	16687	5264	5263
55°	13709	4770	4807
60°	10963	4196	4216
65°	8510	3684	3669
70°	6608	3258	3245
75°	5111	2928	2957
80°	3610	2679	2749
85°	2008	2498	2636



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	212.0	5.6
10°-20°	496.9	13.0
20°-30°	589.9	15.5
30°-40°	593.5	15.6
40°-50°	551.7	14.5
50°-60°	454.3	11.9
60°-70°	320.1	8.4
70°-80°	209.1	5.5
80°-90°	133.5	3.5
90°-100°	87.6	2.3
100°-110°	59.4	1.6
110°-120°	40.7	1.1
120°-130°	28.2	0.7
130°-140°	19.0	0.5
140°-150°	11.7	0.3
150°-160°	6.1	0.2
160°-170°	2.2	0.1
170°-180°	0.4	0.0
0°-30°	1298.8	34.0
0°-40°	1892.2	49.6
0°-60°	2898.1	75.9
0°-90°	3560.9	93.3
90°-120°	187.7	4.9
90°-150°	246.6	6.5
90°-180°	255.0	6.7
0°-180°	3816.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2394	2394	2394	2394	2394	
5°	2406	2374	2288	2244	2220	229
15°	2346	2096	1686	1474	1394	663
25°	2192	1620	1074	902	864	1009
35°	1876	1096	728	682	678	1167
45°	1348	722	564	594	610	1035
55°	774	474	436	484	500	699
65°	364	286	300	338	350	369
75°	142	148	202	238	248	154
85°	24	68	136	176	184	30
90°	0	46	110	150	156	1
95°	0	34	92	126	132	0
105°	0	24	62	88	96	0
115°	2	20	44	64	68	2
125°	2	16	36	46	50	2
135°	2	14	28	36	38	2
145°	2	10	20	28	30	1
155°	2	8	14	20	22	1
165°	2	4	8	10	12	1
175°	4	4	4	4	2	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2393.9	2393.9	2393.9	2393.9	2393.9
1°	2413.9	2403.9	2377.9	2395.9	2391.9
2°	2411.9	2401.9	2371.9	2379.9	2365.9
3°	2409.9	2395.9	2349.9	2347.9	2327.9
4°	2407.9	2385.9	2321.9	2297.9	2281.9
5°	2405.9	2373.9	2287.9	2243.9	2219.9
6°	2403.9	2359.9	2243.9	2177.9	2143.9
7°	2399.9	2337.9	2197.9	2107.9	2063.9
8°	2395.9	2317.9	2139.9	2031.9	1977.9
9°	2391.9	2291.9	2081.9	1949.9	1885.9
10°	2383.9	2265.9	2021.9	1865.9	1797.9
11°	2379.9	2235.9	1963.9	1785.9	1705.9
12°	2371.9	2203.9	1901.9	1701.9	1631.9
13°	2363.9	2169.9	1825.9	1629.9	1545.9
14°	2355.9	2133.9	1759.9	1549.9	1471.9
15°	2345.9	2095.9	1685.9	1473.9	1393.9
16°	2335.9	2051.9	1619.9	1395.9	1311.9
17°	2325.9	2009.9	1557.9	1323.9	1247.9
18°	2313.9	1967.9	1485.9	1253.9	1179.9
19°	2297.9	1919.9	1427.9	1189.9	1121.9
20°	2283.9	1875.9	1361.9	1129.9	1070.0
21°	2267.9	1821.9	1295.9	1074.0	1014.0
22.5°	2243.9	1745.9	1211.9	1004.0	948.0
23°	2231.9	1723.9	1177.9	978.0	930.0
24°	2215.9	1665.9	1121.9	938.0	890.0
25°	2191.9	1619.9	1074.0	902.0	864.0
26°	2169.9	1563.9	1026.0	870.0	832.0
27°	2147.9	1509.9	984.0	836.0	804.0
28°	2119.9	1453.9	938.0	808.0	780.0
29°	2089.9	1401.9	900.0	784.0	762.0
30°	2059.9	1343.9	868.0	762.0	744.0
32.5°	1975.9	1215.9	786.0	720.0	708.0
35°	1875.9	1096.0	728.0	682.0	678.0
37.5°	1763.9	986.0	676.0	652.0	656.0
40°	1631.9	886.0	632.0	630.0	638.0
42.5°	1491.9	800.0	598.0	612.0	624.0
45°	1347.9	722.0	564.0	594.0	610.0
47.5°	1197.9	654.0	534.0	572.0	590.0
50°	1046.0	588.0	502.0	546.0	564.0
52.5°	910.0	530.0	470.0	516.0	536.0
55°	774.0	474.0	436.0	484.0	500.0
57.5°	656.0	422.0	400.0	448.0	460.0
60°	546.0	372.0	364.0	408.0	422.0
62.5°	446.0	328.0	330.0	372.0	386.0
65°	364.0	286.0	300.0	338.0	350.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	296.0	246.0	270.0	310.0	320.0
70°	234.0	210.0	246.0	282.0	292.0
72.5°	186.0	178.0	222.0	260.0	268.0
75°	142.0	148.0	202.0	238.0	248.0
77.5°	102.0	124.0	182.0	220.0	228.0
80°	72.0	102.0	166.0	204.0	212.0
82.5°	46.0	84.0	150.0	190.0	198.0
85°	24.0	68.0	136.0	176.0	184.0
87.5°	10.0	56.0	122.0	162.0	170.0
90°	0.0	46.0	110.0	150.0	156.0
92.5°	0.0	40.0	100.0	138.0	144.0
95°	0.0	34.0	92.0	126.0	132.0
97.5°	0.0	32.0	82.0	116.0	122.0
100°	0.0	28.0	74.0	106.0	114.0
102.5°	0.0	26.0	68.0	96.0	104.0
105°	0.0	24.0	62.0	88.0	96.0
107.5°	0.0	22.0	58.0	82.0	88.0
110°	0.0	22.0	52.0	76.0	82.0
112.5°	2.0	20.0	48.0	68.0	74.0
115°	2.0	20.0	44.0	64.0	68.0
117.5°	2.0	20.0	42.0	58.0	62.0
120°	2.0	18.0	40.0	54.0	58.0
122.5°	2.0	18.0	38.0	50.0	52.0
125°	2.0	16.0	36.0	46.0	50.0
127.5°	2.0	16.0	34.0	44.0	46.0
130°	2.0	16.0	32.0	40.0	44.0
132.5°	2.0	14.0	30.0	38.0	40.0
135°	2.0	14.0	28.0	36.0	38.0
137.5°	2.0	12.0	26.0	34.0	36.0
140°	2.0	12.0	24.0	32.0	34.0
142.5°	2.0	10.0	22.0	30.0	32.0
145°	2.0	10.0	20.0	28.0	30.0
147.5°	2.0	10.0	18.0	26.0	28.0
150°	2.0	8.0	16.0	24.0	26.0
152.5°	2.0	8.0	14.0	22.0	24.0
155°	2.0	8.0	14.0	20.0	22.0
157.5°	2.0	6.0	12.0	16.0	20.0
160°	2.0	6.0	10.0	14.0	18.0
162.5°	2.0	6.0	10.0	12.0	14.0
165°	2.0	4.0	8.0	10.0	12.0
167.5°	2.0	4.0	6.0	8.0	10.0
170°	2.0	4.0	6.0	6.0	8.0
172.5°	2.0	4.0	4.0	4.0	4.0
175°	4.0	4.0	4.0	4.0	2.0
177.5°	4.0	4.0	4.0	2.0	2.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.0	2.0	2.0	2.0	2.0

(END OF REPORT)