

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: P567136

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567136
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: 4SNX-SL3-UNV-CC83-CD-3500K-HI
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 80CRI, HI LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

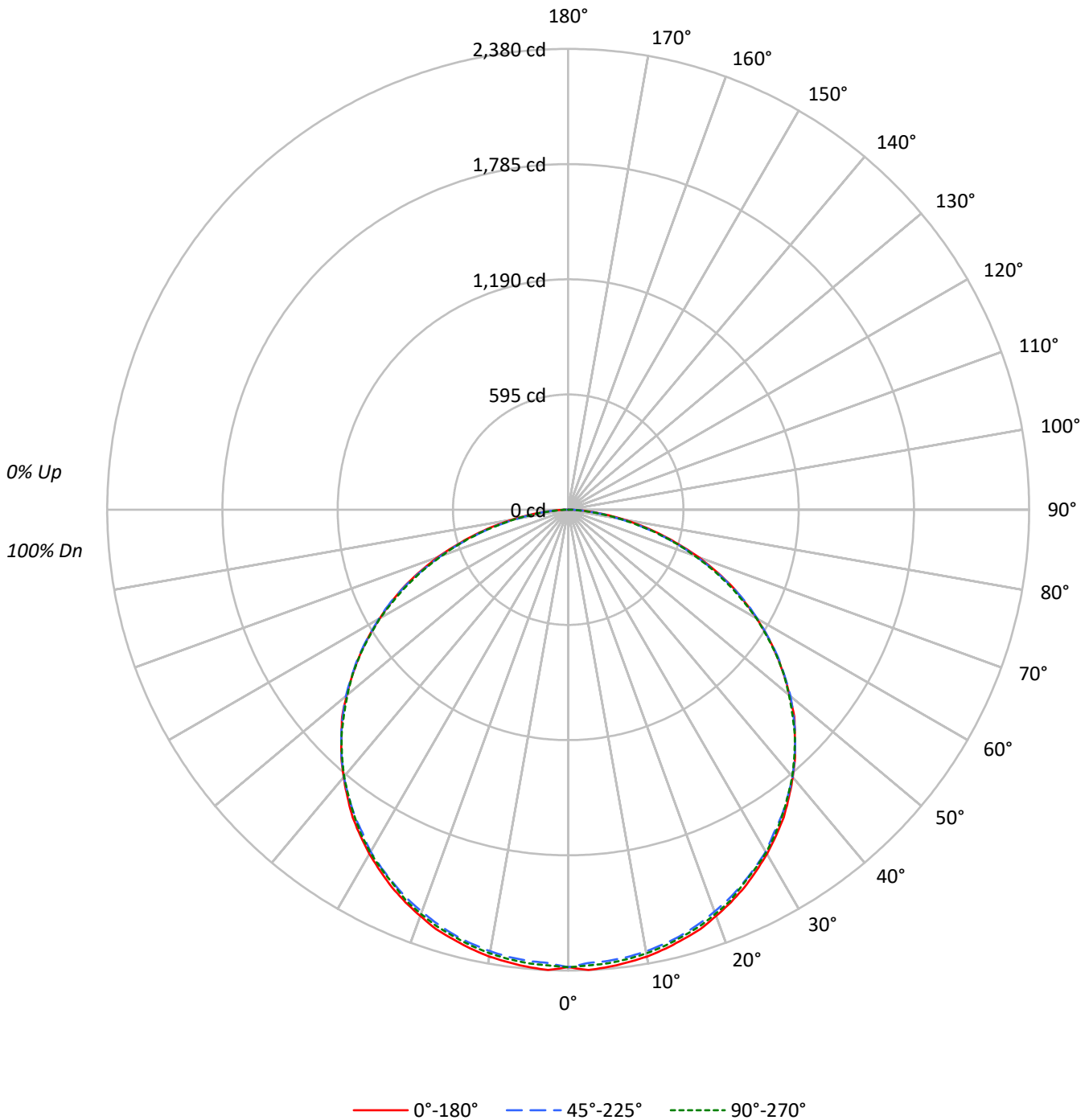
Lumens per Lamp: N/A
Luminaire Lumens: 7064.0 lumens
Efficiency: N/A
Efficacy: 139.3 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 50.7
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	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°	25430	25430	25430
5°	25619	25275	25412
10°	25613	25312	25427
15°	25594	25333	25428
20°	25577	25310	25456
25°	25561	25309	25359
30°	25509	25350	25404
35°	25490	25294	25321
40°	25346	25316	25285
45°	25195	25227	25195
50°	25011	25082	24904
55°	24680	24760	24640
60°	24195	24288	24150
65°	23702	23539	23216
70°	22534	22065	21797
75°	20586	19879	19971
80°	17778	16464	16854
85°	13388	12857	11547



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	224.1	3.2
10°-20°	645.8	9.1
20°-30°	988.1	14.0
30°-40°	1208.2	17.1
40°-50°	1278.0	18.1
50°-60°	1177.6	16.7
60°-70°	907.4	12.8
70°-80°	508.4	7.2
80°-90°	126.4	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°	1858.1	26.3
0°-40°	3066.2	43.4
0°-60°	5521.8	78.2
0°-90°	7064.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7064.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2362	2362	2362	2362	2362	
5°	2371	2362	2339	2362	2352	225
15°	2297	2292	2273	2292	2282	649
25°	2152	2148	2131	2148	2135	992
35°	1940	1936	1925	1931	1927	1212
45°	1655	1661	1657	1655	1655	1279
55°	1315	1326	1319	1319	1313	1174
65°	931	931	924	901	912	915
75°	495	489	478	461	480	525
85°	108	102	104	104	94	134
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2362.5	2362.5	2362.5	2362.5	2362.5
2.5°	2379.5	2368.9	2343.4	2366.8	2356.2
5°	2371.0	2362.5	2339.2	2362.5	2351.9
7.5°	2358.3	2351.9	2330.7	2351.9	2341.3
10°	2343.4	2337.1	2315.8	2337.1	2326.4
12.5°	2322.2	2317.9	2296.7	2317.9	2307.3
15°	2296.7	2292.4	2273.3	2292.4	2281.8
17.5°	2271.2	2262.7	2243.6	2264.8	2256.3
20°	2232.9	2228.7	2209.6	2228.7	2222.3
22.5°	2194.7	2190.5	2173.5	2190.5	2186.2
25°	2152.2	2148.0	2131.0	2148.0	2135.2
27.5°	2103.3	2105.5	2086.4	2097.0	2090.6
30°	2052.4	2052.4	2039.6	2043.9	2043.9
32.5°	1997.1	1997.1	1978.0	1990.7	1988.6
35°	1939.8	1935.5	1924.9	1931.3	1927.0
37.5°	1871.8	1869.6	1863.3	1867.5	1863.3
40°	1803.8	1805.9	1801.7	1799.5	1799.5
42.5°	1733.7	1737.9	1731.5	1729.4	1727.3
45°	1655.1	1661.4	1657.2	1655.1	1655.1
47.5°	1582.8	1584.9	1578.6	1576.4	1570.1
50°	1493.6	1502.1	1497.8	1493.6	1487.2
52.5°	1404.4	1417.1	1408.6	1404.4	1404.4
55°	1315.1	1325.7	1319.4	1319.4	1313.0
57.5°	1221.6	1232.3	1223.8	1223.8	1215.3
60°	1123.9	1134.5	1128.2	1121.8	1121.8
62.5°	1026.2	1034.7	1032.6	1021.9	1015.6
65°	930.6	930.6	924.2	900.8	911.5
67.5°	822.2	820.1	811.6	788.2	803.1
70°	716.0	716.0	701.1	673.5	692.6
72.5°	601.3	607.6	588.5	569.4	588.5
75°	495.0	488.7	478.0	461.0	480.2
77.5°	393.1	382.4	369.7	361.2	371.8
80°	286.8	280.4	265.6	265.6	271.9
82.5°	195.5	189.1	178.5	180.6	172.1
85°	108.4	102.0	104.1	104.1	93.5
87.5°	44.6	44.6	44.6	40.4	36.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)