

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: P567147

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567147
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-CC93-CD-3500K-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, MED LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

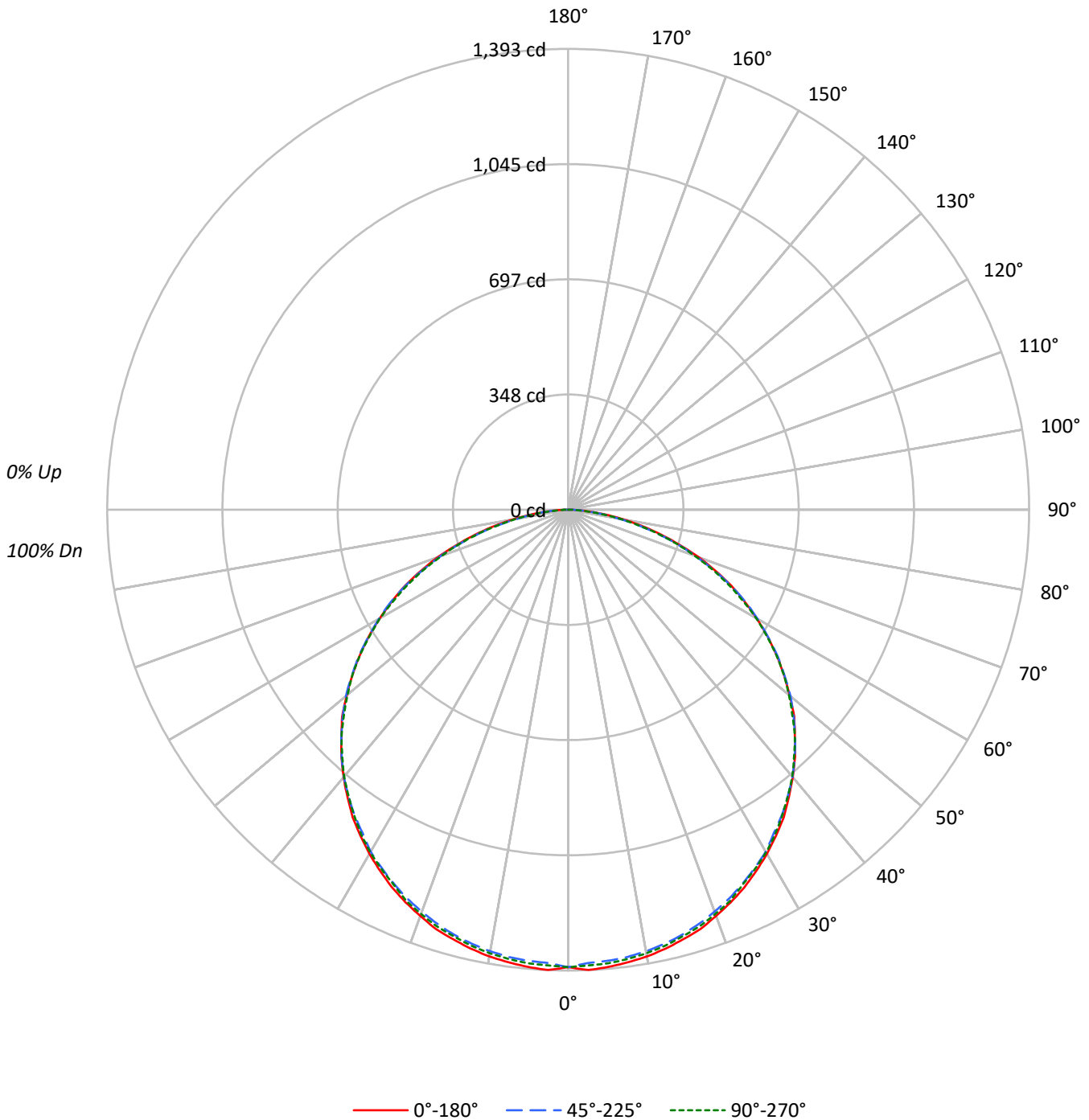
Lumens per Lamp: N/A
Luminaire Lumens: 4134.0 lumens
Efficiency: N/A
Efficacy: 123.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	14882	14882	14882
5°	14993	14791	14872
10°	14989	14813	14881
15°	14978	14825	14881
20°	14969	14812	14898
25°	14959	14811	14841
30°	14929	14835	14866
35°	14917	14803	14818
40°	14833	14816	14797
45°	14744	14763	14744
50°	14637	14679	14575
55°	14443	14489	14420
60°	14159	14213	14133
65°	13871	13777	13585
70°	13187	12913	12755
75°	12048	11636	11686
80°	10408	9633	9862
85°	7830	7521	6756



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.2	3.2
10°-20°	377.9	9.1
20°-30°	578.3	14.0
30°-40°	707.1	17.1
40°-50°	747.9	18.1
50°-60°	689.1	16.7
60°-70°	531.0	12.8
70°-80°	297.5	7.2
80°-90°	73.9	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°	1087.4	26.3
0°-40°	1794.4	43.4
0°-60°	3231.5	78.2
0°-90°	4134.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4134.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1383	1383	1383	1383	1383	
5°	1388	1383	1369	1383	1376	132
15°	1344	1342	1330	1342	1335	380
25°	1260	1257	1247	1257	1250	580
35°	1135	1133	1126	1130	1128	709
45°	969	972	970	969	969	748
55°	770	776	772	772	768	687
65°	545	545	541	527	533	536
75°	290	286	280	270	281	307
85°	63	60	61	61	55	78
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1382.6	1382.6	1382.6	1382.6	1382.6
2.5°	1392.6	1386.3	1371.4	1385.1	1378.9
5°	1387.6	1382.6	1368.9	1382.6	1376.4
7.5°	1380.1	1376.4	1364.0	1376.4	1370.2
10°	1371.4	1367.7	1355.3	1367.7	1361.5
12.5°	1359.0	1356.5	1344.1	1356.5	1350.3
15°	1344.1	1341.6	1330.4	1341.6	1335.4
17.5°	1329.1	1324.2	1313.0	1325.4	1320.4
20°	1306.8	1304.3	1293.1	1304.3	1300.6
22.5°	1284.4	1281.9	1272.0	1281.9	1279.4
25°	1259.5	1257.0	1247.1	1257.0	1249.6
27.5°	1230.9	1232.2	1221.0	1227.2	1223.5
30°	1201.1	1201.1	1193.6	1196.1	1196.1
32.5°	1168.8	1168.8	1157.6	1165.0	1163.8
35°	1135.2	1132.7	1126.5	1130.2	1127.7
37.5°	1095.4	1094.2	1090.4	1092.9	1090.4
40°	1055.6	1056.9	1054.4	1053.1	1053.1
42.5°	1014.6	1017.1	1013.3	1012.1	1010.8
45°	968.6	972.3	969.8	968.6	968.6
47.5°	926.3	927.5	923.8	922.6	918.8
50°	874.1	879.1	876.6	874.1	870.4
52.5°	821.9	829.3	824.3	821.9	821.9
55°	769.6	775.9	772.1	772.1	768.4
57.5°	714.9	721.1	716.2	716.2	711.2
60°	657.7	664.0	660.2	656.5	656.5
62.5°	600.5	605.5	604.3	598.1	594.3
65°	544.6	544.6	540.9	527.2	533.4
67.5°	481.2	479.9	475.0	461.3	470.0
70°	419.0	419.0	410.3	394.1	405.3
72.5°	351.9	355.6	344.4	333.2	344.4
75°	289.7	286.0	279.8	269.8	281.0
77.5°	230.0	223.8	216.3	211.4	217.6
80°	167.9	164.1	155.4	155.4	159.1
82.5°	114.4	110.7	104.4	105.7	100.7
85°	63.4	59.7	60.9	60.9	54.7
87.5°	26.1	26.1	26.1	23.6	21.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)