

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: P567142

Luminaire Tested: **4SNX-SL3-UNV-CC83-CD-5000K-HI**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567142  
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-5000K-HI  
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 80CRI, HI LUMEN SETTING, AND NO LENS  
Light Source: -  
Ballast/Driver: -

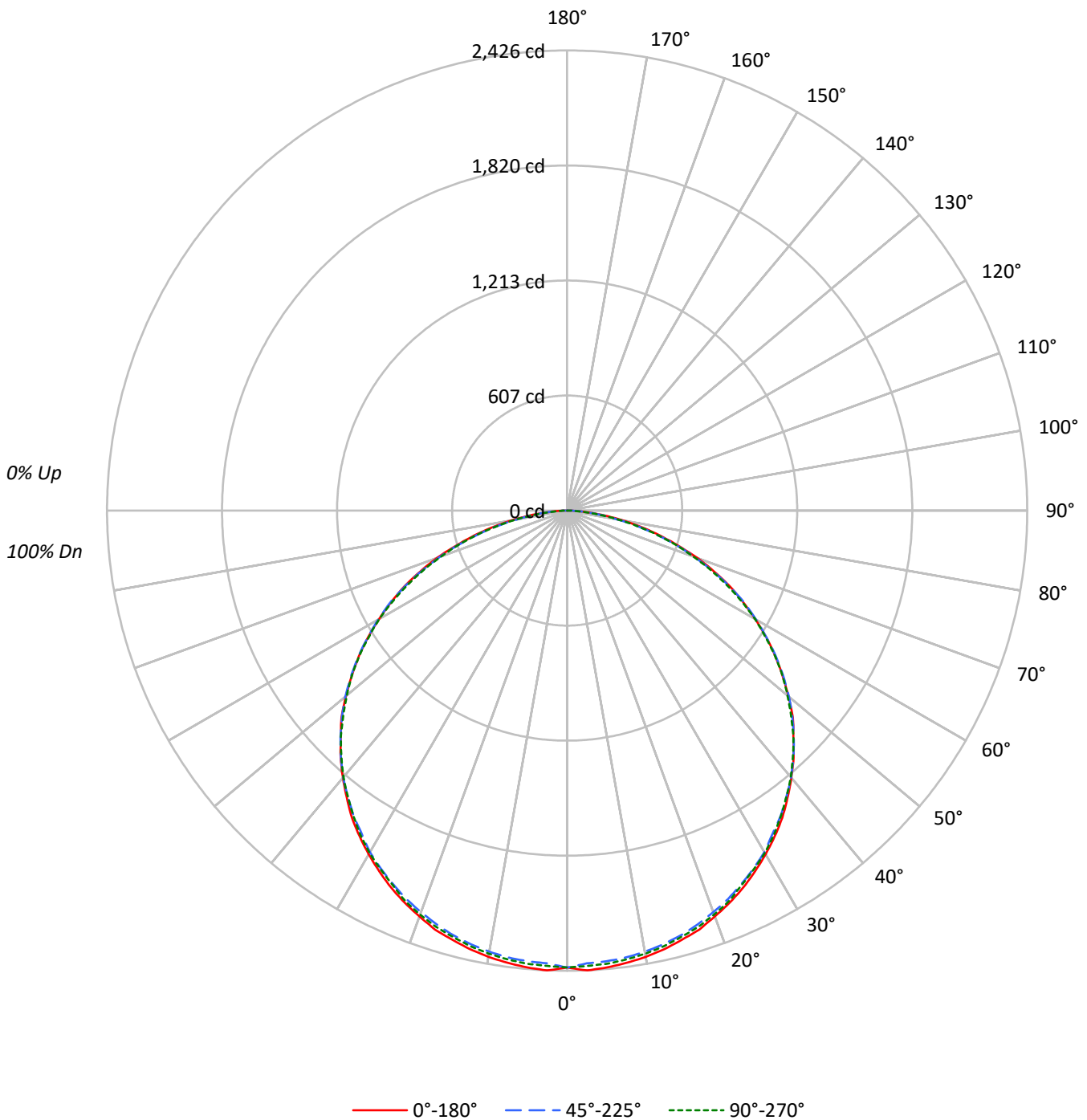
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7203.0 lumens  
Efficiency: N/A  
Efficacy: 141.0 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): 51.1  
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°	25930	25930	25930
5°	26123	25772	25913
10°	26117	25810	25928
15°	26097	25831	25928
20°	26081	25809	25958
25°	26065	25807	25858
30°	26010	25849	25903
35°	25990	25792	25819
40°	25845	25814	25783
45°	25689	25723	25689
50°	25504	25576	25395
55°	25166	25246	25124
60°	24671	24766	24626
65°	24168	24003	23671
70°	22977	22499	22225
75°	20994	20270	20362
80°	18131	16786	17189
85°	13647	13116	11770



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	228.5	3.2
10°-20°	658.5	9.1
20°-30°	1007.6	14.0
30°-40°	1231.9	17.1
40°-50°	1303.2	18.1
50°-60°	1200.7	16.7
60°-70°	925.3	12.8
70°-80°	518.4	7.2
80°-90°	128.9	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°	1894.6	26.3
0°-40°	3126.6	43.4
0°-60°	5630.5	78.2
0°-90°	7203.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7203.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2409	2409	2409	2409	2409	
5°	2418	2409	2385	2409	2398	230
15°	2342	2338	2318	2338	2327	662
25°	2195	2190	2173	2190	2177	1011
35°	1978	1974	1963	1969	1965	1236
45°	1688	1694	1690	1688	1688	1304
55°	1341	1352	1345	1345	1339	1197
65°	949	949	942	919	929	933
75°	505	498	487	470	490	535
85°	110	104	106	106	95	136
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2409.0	2409.0	2409.0	2409.0	2409.0
2.5°	2426.4	2415.5	2389.5	2413.4	2402.5
5°	2417.7	2409.0	2385.2	2409.0	2398.2
7.5°	2404.7	2398.2	2376.5	2398.2	2387.4
10°	2389.5	2383.0	2361.4	2383.0	2372.2
12.5°	2367.9	2363.5	2341.9	2363.5	2352.7
15°	2341.9	2337.5	2318.0	2337.5	2326.7
17.5°	2315.9	2307.2	2287.7	2309.4	2300.7
20°	2276.9	2272.6	2253.1	2272.6	2266.1
22.5°	2237.9	2233.6	2216.2	2233.6	2229.2
25°	2194.6	2190.2	2172.9	2190.2	2177.2
27.5°	2144.7	2146.9	2127.4	2138.2	2131.7
30°	2092.7	2092.7	2079.7	2084.1	2084.1
32.5°	2036.4	2036.4	2016.9	2029.9	2027.8
35°	1977.9	1973.6	1962.8	1969.3	1964.9
37.5°	1908.6	1906.4	1899.9	1904.3	1899.9
40°	1839.3	1841.4	1837.1	1834.9	1834.9
42.5°	1767.8	1772.1	1765.6	1763.5	1761.3
45°	1687.6	1694.1	1689.8	1687.6	1687.6
47.5°	1614.0	1616.1	1609.6	1607.5	1601.0
50°	1523.0	1531.6	1527.3	1523.0	1516.5
52.5°	1432.0	1445.0	1436.3	1432.0	1432.0
55°	1341.0	1351.8	1345.3	1345.3	1338.8
57.5°	1245.7	1256.5	1247.8	1247.8	1239.2
60°	1146.0	1156.9	1150.4	1143.9	1143.9
62.5°	1046.4	1055.0	1052.9	1042.0	1035.5
65°	948.9	948.9	942.4	918.6	929.4
67.5°	838.4	836.2	827.6	803.7	818.9
70°	730.1	730.1	714.9	686.7	706.2
72.5°	613.1	619.6	600.1	580.6	600.1
75°	504.8	498.3	487.4	470.1	489.6
77.5°	400.8	390.0	377.0	368.3	379.1
80°	292.5	286.0	270.8	270.8	277.3
82.5°	199.3	192.8	182.0	184.1	175.5
85°	110.5	104.0	106.2	106.2	95.3
87.5°	45.5	45.5	45.5	41.2	36.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)