

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: P567090

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567090
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-CC83-CD-5000K-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 80CRI, MED LUMEN SETTING, AND LN LENS
Light Source: -
Ballast/Driver: -

Summary

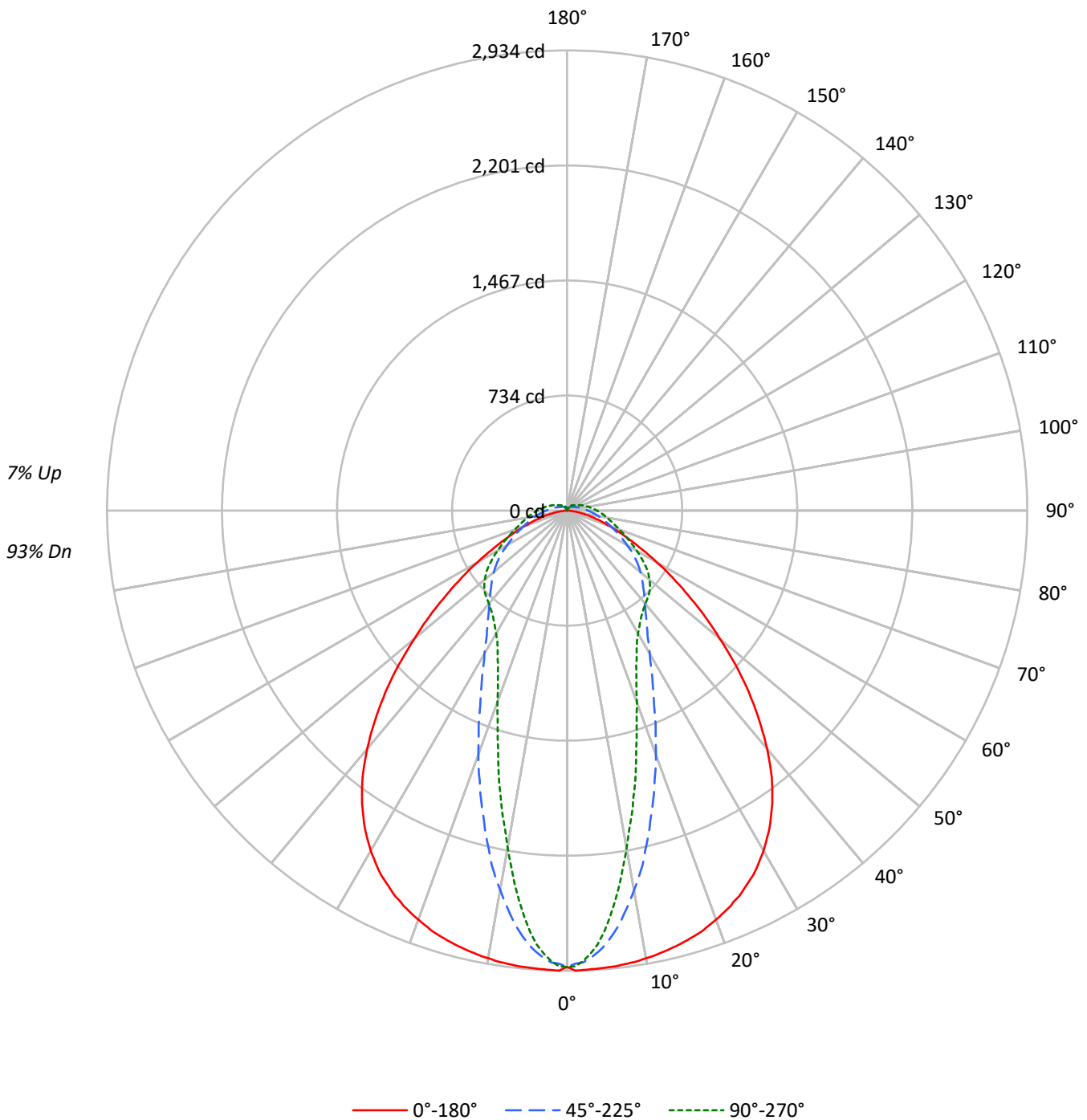
Lumens per Lamp: N/A
Luminaire Lumens: 4638.0 lumens
Efficiency: N/A
Efficacy: 137.5 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

Input Watts (W): 33.726
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°	31319	31319	31319
5°	31480	28784	27546
10°	31438	24680	21372
15°	31422	20132	16018
20°	31322	16037	11987
25°	31038	12567	9514
30°	30386	10170	8115
35°	29111	8608	7382
40°	26929	7599	6987
45°	23941	6953	6772
50°	20282	6398	6397
55°	16662	5797	5842
60°	13324	5100	5124
65°	10343	4477	4459
70°	8031	3960	3944
75°	6212	3558	3594
80°	4387	3255	3341
85°	2443	3036	3204



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	257.7	5.6
10°-20°	604.0	13.0
20°-30°	716.9	15.5
30°-40°	721.3	15.6
40°-50°	670.5	14.5
50°-60°	552.1	11.9
60°-70°	389.0	8.4
70°-80°	254.2	5.5
80°-90°	162.3	3.5
90°-100°	106.4	2.3
100°-110°	72.3	1.6
110°-120°	49.5	1.1
120°-130°	34.3	0.7
130°-140°	23.1	0.5
140°-150°	14.2	0.3
150°-160°	7.4	0.2
160°-170°	2.7	0.1
170°-180°	0.5	0.0
0°-30°	1578.5	34.0
0°-40°	2299.8	49.6
0°-60°	3522.4	75.9
0°-90°	4327.8	93.3
90°-120°	228.2	4.9
90°-150°	299.7	6.5
90°-180°	310.0	6.7
0°-180°	4638.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2910	2910	2910	2910	2910	
5°	2924	2885	2781	2727	2698	278
15°	2851	2547	2049	1791	1694	805
25°	2664	1969	1305	1096	1050	1226
35°	2280	1332	885	829	824	1418
45°	1638	878	686	722	741	1258
55°	941	576	530	588	608	850
65°	442	348	365	411	425	449
75°	173	180	246	289	301	187
85°	29	83	165	214	224	37
90°	0	56	134	182	190	2
95°	0	41	112	153	160	0
105°	0	29	75	107	117	0
115°	2	24	54	78	83	2
125°	2	19	44	56	61	2
135°	2	17	34	44	46	2
145°	2	12	24	34	36	2
155°	2	10	17	24	27	1
165°	2	5	10	12	15	1
175°	5	5	5	5	2	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2909.6	2909.6	2909.6	2909.6	2909.6
1°	2933.9	2921.7	2890.1	2912.0	2907.1
2°	2931.4	2919.3	2882.8	2892.5	2875.5
3°	2929.0	2912.0	2856.1	2853.7	2829.3
4°	2926.6	2899.8	2822.1	2792.9	2773.4
5°	2924.1	2885.2	2780.7	2727.3	2698.1
6°	2921.7	2868.2	2727.3	2647.0	2605.7
7°	2916.8	2841.5	2671.3	2562.0	2508.5
8°	2912.0	2817.2	2600.9	2469.6	2404.0
9°	2907.1	2785.6	2530.4	2369.9	2292.2
10°	2897.4	2754.0	2457.4	2267.8	2185.2
11°	2892.5	2717.5	2387.0	2170.6	2073.4
12°	2882.8	2678.6	2311.6	2068.5	1983.5
13°	2873.1	2637.3	2219.2	1981.0	1878.9
14°	2863.4	2593.6	2139.0	1883.8	1789.0
15°	2851.2	2547.4	2049.1	1791.4	1694.2
16°	2839.1	2493.9	1968.9	1696.6	1594.5
17°	2826.9	2442.9	1893.5	1609.1	1516.8
18°	2812.3	2391.8	1806.0	1524.1	1434.1
19°	2792.9	2333.5	1735.5	1446.3	1363.6
20°	2775.9	2280.0	1655.3	1373.3	1300.4
21°	2756.4	2214.4	1575.1	1305.3	1232.4
22.5°	2727.3	2122.0	1473.0	1220.2	1152.2
23°	2712.7	2095.3	1431.7	1188.6	1130.3
24°	2693.2	2024.8	1363.6	1140.0	1081.7
25°	2664.1	1968.9	1305.3	1096.2	1050.1
26°	2637.3	1900.8	1247.0	1057.4	1011.2
27°	2610.6	1835.2	1195.9	1016.0	977.1
28°	2576.5	1767.1	1140.0	982.0	948.0
29°	2540.1	1703.9	1093.8	952.8	926.1
30°	2503.6	1633.4	1054.9	926.1	904.2
32.5°	2401.5	1477.9	955.3	875.1	860.5
35°	2280.0	1332.0	884.8	828.9	824.0
37.5°	2143.9	1198.3	821.6	792.4	797.3
40°	1983.5	1076.8	768.1	765.7	775.4
42.5°	1813.3	972.3	726.8	743.8	758.4
45°	1638.3	877.5	685.5	721.9	741.4
47.5°	1456.0	794.8	649.0	695.2	717.1
50°	1271.3	714.6	610.1	663.6	685.5
52.5°	1106.0	644.1	571.2	627.1	651.4
55°	940.7	576.1	529.9	588.2	607.7
57.5°	797.3	512.9	486.1	544.5	559.1
60°	663.6	452.1	442.4	495.9	512.9
62.5°	542.0	398.6	401.1	452.1	469.1
65°	442.4	347.6	364.6	410.8	425.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	359.7	299.0	328.1	376.8	388.9
70°	284.4	255.2	299.0	342.7	354.9
72.5°	226.1	216.3	269.8	316.0	325.7
75°	172.6	179.9	245.5	289.3	301.4
77.5°	124.0	150.7	221.2	267.4	277.1
80°	87.5	124.0	201.7	247.9	257.7
82.5°	55.9	102.1	182.3	230.9	240.6
85°	29.2	82.6	165.3	213.9	223.6
87.5°	12.2	68.1	148.3	196.9	206.6
90°	0.0	55.9	133.7	182.3	189.6
92.5°	0.0	48.6	121.5	167.7	175.0
95°	0.0	41.3	111.8	153.1	160.4
97.5°	0.0	38.9	99.7	141.0	148.3
100°	0.0	34.0	89.9	128.8	138.6
102.5°	0.0	31.6	82.6	116.7	126.4
105°	0.0	29.2	75.4	107.0	116.7
107.5°	0.0	26.7	70.5	99.7	107.0
110°	0.0	26.7	63.2	92.4	99.7
112.5°	2.4	24.3	58.3	82.6	89.9
115°	2.4	24.3	53.5	77.8	82.6
117.5°	2.4	24.3	51.0	70.5	75.4
120°	2.4	21.9	48.6	65.6	70.5
122.5°	2.4	21.9	46.2	60.8	63.2
125°	2.4	19.4	43.8	55.9	60.8
127.5°	2.4	19.4	41.3	53.5	55.9
130°	2.4	19.4	38.9	48.6	53.5
132.5°	2.4	17.0	36.5	46.2	48.6
135°	2.4	17.0	34.0	43.8	46.2
137.5°	2.4	14.6	31.6	41.3	43.8
140°	2.4	14.6	29.2	38.9	41.3
142.5°	2.4	12.2	26.7	36.5	38.9
145°	2.4	12.2	24.3	34.0	36.5
147.5°	2.4	12.2	21.9	31.6	34.0
150°	2.4	9.7	19.4	29.2	31.6
152.5°	2.4	9.7	17.0	26.7	29.2
155°	2.4	9.7	17.0	24.3	26.7
157.5°	2.4	7.3	14.6	19.4	24.3
160°	2.4	7.3	12.2	17.0	21.9
162.5°	2.4	7.3	12.2	14.6	17.0
165°	2.4	4.9	9.7	12.2	14.6
167.5°	2.4	4.9	7.3	9.7	12.2
170°	2.4	4.9	7.3	7.3	9.7
172.5°	2.4	4.9	4.9	4.9	4.9
175°	4.9	4.9	4.9	4.9	2.4
177.5°	4.9	4.9	4.9	2.4	2.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.4	2.4	2.4	2.4	2.4

(END OF REPORT)