

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: P566192

Luminaire Tested: **4SNX-26SL-LC-UNV-L840-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566192  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2205-663-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4SNX-26SL-LC-UNV-L840-CD  
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 4000K, 80CRI LEDS AND LC LENS  
Light Source: -  
Ballast/Driver: -

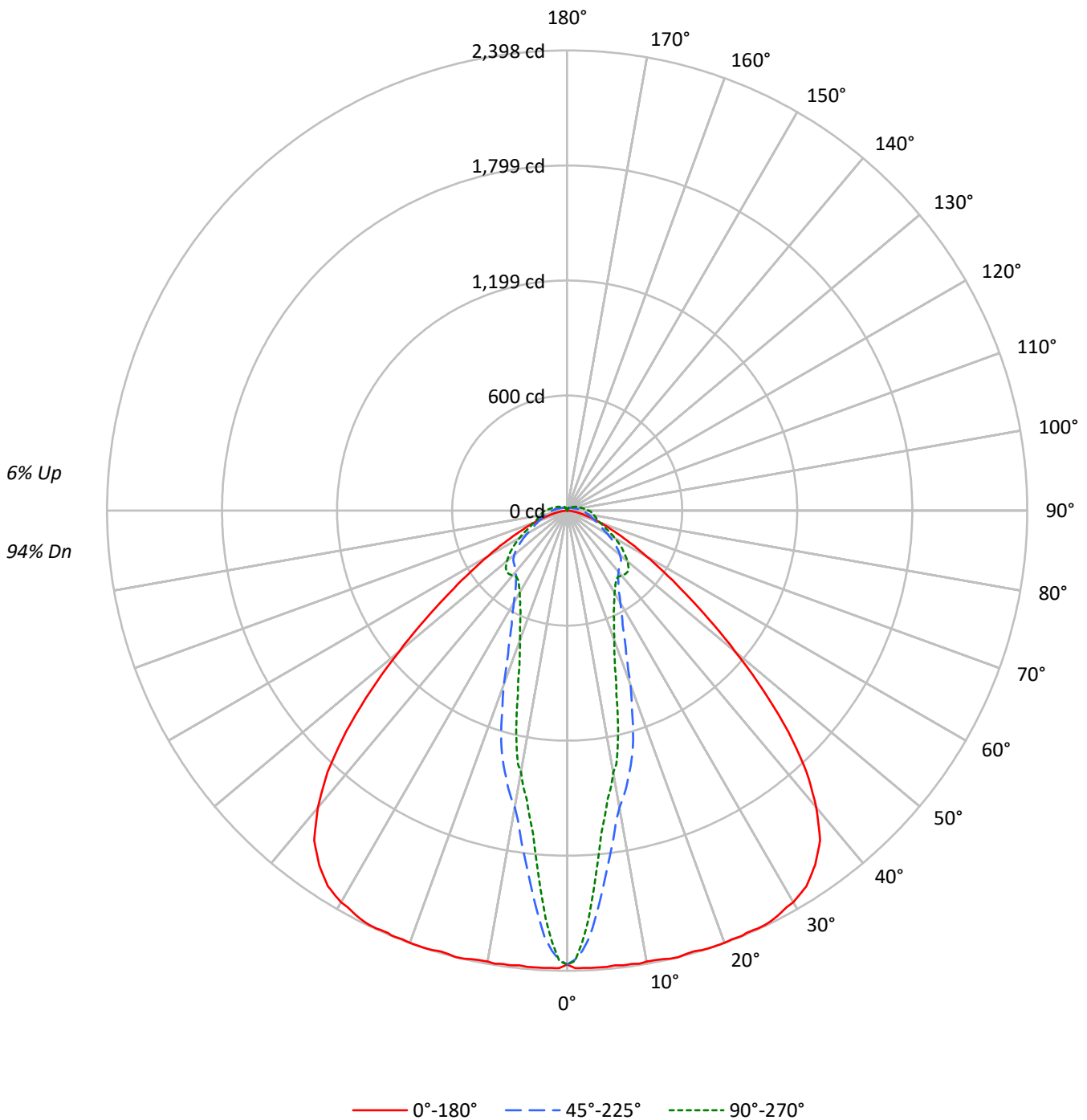
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2916.0 lumens  
Efficiency: N/A  
Efficacy: 177.8 lumens/watt  
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')  
CIE Type: Direct

Input Watts (W): 16.4  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94				
1	108	103	99	96	105	101	97	94	95	92	90	90	88	86	86	84	82	80				
2	99	92	86	80	96	89	84	79	85	80	76	81	77	74	77	74	71	69				
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	70	66	62	60				
4	85	74	66	60	82	72	65	59	69	63	58	66	61	56	63	59	55	53				
5	79	67	59	53	76	66	58	52	63	56	51	60	55	50	58	53	49	47				
6	73	61	53	47	71	60	52	47	58	51	46	56	50	45	53	48	44	42				
7	69	56	48	43	67	55	48	42	53	46	42	51	45	41	50	44	40	38				
8	64	52	44	39	63	51	44	39	49	43	38	48	42	37	46	41	37	35				
9	61	48	41	36	59	47	40	35	46	39	35	44	39	34	43	38	34	32				
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	40	35	31	30				

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	25463	25463	25463
5°	25693	20914	18720
10°	25894	15789	13549
15°	26367	12906	9382
20°	27047	9339	6626
25°	27891	6690	5212
30°	28602	5345	4439
35°	28772	4522	3976
40°	27430	4110	3985
45°	23804	3971	4095
50°	18262	3776	3821
55°	13235	3303	3391
60°	9602	2756	2866
65°	6988	2331	2350
70°	5148	2058	2026
75°	3657	1906	1889
80°	2397	1785	1861
85°	1121	1702	1863



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	186.0	6.4
10°-20°	404.0	13.9
20°-30°	462.4	15.9
30°-40°	463.2	15.9
40°-50°	438.5	15.0
50°-60°	336.3	11.5
60°-70°	216.8	7.4
70°-80°	138.2	4.7
80°-90°	91.8	3.1
90°-100°	61.7	2.1
100°-110°	40.7	1.4
110°-120°	28.3	1.0
120°-130°	19.7	0.7
130°-140°	13.7	0.5
140°-150°	8.4	0.3
150°-160°	4.3	0.1
160°-170°	1.6	0.1
170°-180°	0.3	0.0
0°-30°	1052.4	36.1
0°-40°	1515.7	52.0
0°-60°	2290.5	78.5
0°-90°	2737.3	93.9
90°-120°	130.6	4.5
90°-150°	172.5	5.9
90°-180°	179.0	6.1
0°-180°	2916.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2366	2366	2366	2366	2366	
5°	2386	2255	2020	1884	1834	228
15°	2392	1723	1314	1079	992	679
25°	2394	1219	695	604	575	1104
35°	2254	678	465	450	444	1398
45°	1629	429	392	433	448	1238
55°	747	306	302	339	353	687
65°	299	193	190	217	224	307
75°	102	105	132	151	158	112
85°	13	48	93	121	130	18
90°	0	33	78	108	112	1
95°	0	24	64	88	93	0
105°	0	18	42	60	64	1
115°	2	15	31	43	46	1
125°	2	13	27	31	33	1
135°	2	10	21	25	27	1
145°	2	8	15	19	21	1
155°	2	4	9	13	15	1
165°	3	3	6	8	9	1
175°	3	3	3	3	2	0
180°	3	3	3	3	3	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2365.6	2365.6	2365.6	2365.6	2365.6
1°	2385.0	2371.6	2340.2	2349.2	2347.7
2°	2385.0	2356.6	2295.4	2277.4	2250.5
3°	2386.5	2331.2	2226.6	2168.3	2131.0
4°	2386.5	2293.9	2125.0	2027.9	1980.1
5°	2386.5	2255.0	2020.4	1884.4	1833.6
6°	2383.5	2208.7	1914.3	1770.8	1694.6
7°	2388.0	2157.9	1818.7	1664.7	1605.0
8°	2386.5	2098.1	1730.5	1584.0	1518.3
9°	2391.0	2039.8	1634.8	1507.8	1458.5
10°	2386.5	1986.0	1572.1	1436.1	1385.3
11°	2386.5	1933.7	1527.3	1389.8	1346.4
12°	2389.5	1874.0	1477.9	1324.0	1264.2
13°	2397.0	1812.7	1421.2	1252.3	1182.1
14°	2398.5	1766.4	1368.9	1161.1	1087.9
15°	2392.5	1723.0	1313.6	1078.9	992.3
16°	2389.5	1678.2	1247.8	1001.2	923.5
17°	2395.5	1625.9	1173.1	922.0	850.3
18°	2397.0	1578.1	1093.9	862.3	799.5
19°	2397.0	1540.7	1029.6	807.0	753.2
20°	2397.0	1504.8	963.9	765.1	718.8
21°	2394.0	1460.0	889.2	721.8	682.9
22.5°	2395.5	1376.3	804.0	671.0	639.6
23°	2391.0	1355.4	783.1	657.5	624.7
24°	2392.5	1295.6	738.2	630.6	599.2
25°	2394.0	1219.4	694.9	603.7	575.3
26°	2391.0	1158.1	659.0	578.3	558.9
27°	2383.5	1108.8	633.6	557.4	539.5
28°	2373.1	1043.1	606.7	539.5	523.0
29°	2362.6	968.4	579.8	520.0	508.1
30°	2356.6	908.6	554.4	505.1	494.6
32.5°	2320.8	790.5	502.1	475.2	466.2
35°	2253.5	678.4	464.8	449.8	443.8
37.5°	2165.4	591.8	436.4	433.4	434.9
40°	2020.4	523.0	415.4	428.9	442.3
42.5°	1847.1	469.2	400.5	433.4	448.3
45°	1628.9	428.9	391.5	433.4	448.3
47.5°	1386.8	396.0	381.1	418.4	433.4
50°	1144.7	366.1	360.1	396.0	409.5
52.5°	931.0	337.7	333.2	367.6	381.1
55°	747.2	306.3	301.9	339.2	352.7
57.5°	599.2	276.5	272.0	306.3	319.8
60°	478.2	246.6	239.1	273.5	286.9
62.5°	381.1	218.2	213.7	243.6	255.5
65°	298.9	192.8	189.8	216.7	224.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	236.1	168.9	170.4	192.8	201.7
70°	182.3	146.4	155.4	176.3	182.3
72.5°	137.5	124.0	143.5	161.4	168.9
75°	101.6	104.6	131.5	150.9	158.4
77.5°	70.2	86.7	121.0	142.0	149.4
80°	47.8	70.2	110.6	134.5	143.5
82.5°	28.4	58.3	101.6	127.0	137.5
85°	13.4	47.8	92.7	121.0	130.0
87.5°	4.5	38.9	83.7	115.1	122.5
90°	0.0	32.9	77.7	107.6	112.1
92.5°	0.0	28.4	70.2	98.6	101.6
95°	0.0	23.9	64.3	88.2	92.7
97.5°	0.0	22.4	59.8	79.2	85.2
100°	0.0	20.9	53.8	71.7	77.7
102.5°	0.0	17.9	47.8	64.3	70.2
105°	0.0	17.9	41.8	59.8	64.3
107.5°	1.5	16.4	38.9	53.8	59.8
110°	1.5	16.4	34.4	50.8	55.3
112.5°	1.5	16.4	32.9	46.3	52.3
115°	1.5	14.9	31.4	43.3	46.3
117.5°	1.5	14.9	29.9	38.9	41.8
120°	1.5	13.4	28.4	35.9	37.4
122.5°	1.5	13.4	26.9	32.9	34.4
125°	1.5	13.4	26.9	31.4	32.9
127.5°	1.5	12.0	25.4	29.9	29.9
130°	1.5	12.0	23.9	28.4	28.4
132.5°	1.5	10.5	22.4	26.9	28.4
135°	1.5	10.5	20.9	25.4	26.9
137.5°	1.5	9.0	19.4	23.9	25.4
140°	1.5	9.0	17.9	22.4	23.9
142.5°	1.5	7.5	16.4	20.9	22.4
145°	1.5	7.5	14.9	19.4	20.9
147.5°	1.5	7.5	13.4	17.9	19.4
150°	1.5	6.0	12.0	16.4	17.9
152.5°	1.5	6.0	10.5	14.9	16.4
155°	1.5	4.5	9.0	13.4	14.9
157.5°	1.5	4.5	9.0	12.0	13.4
160°	3.0	4.5	7.5	10.5	12.0
162.5°	1.5	3.0	7.5	9.0	10.5
165°	3.0	3.0	6.0	7.5	9.0
167.5°	3.0	3.0	4.5	6.0	7.5
170°	3.0	3.0	4.5	4.5	6.0
172.5°	3.0	3.0	3.0	4.5	3.0
175°	3.0	3.0	3.0	3.0	1.5
177.5°	3.0	3.0	3.0	3.0	1.5



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	3.0	3.0	3.0	3.0	3.0

(END OF REPORT)