

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: P566197

Luminaire Tested: **4SNX-26SL-LC-UNV-L950-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566197  
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-L950-CD  
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND LC LENS  
Light Source: -  
Ballast/Driver: -

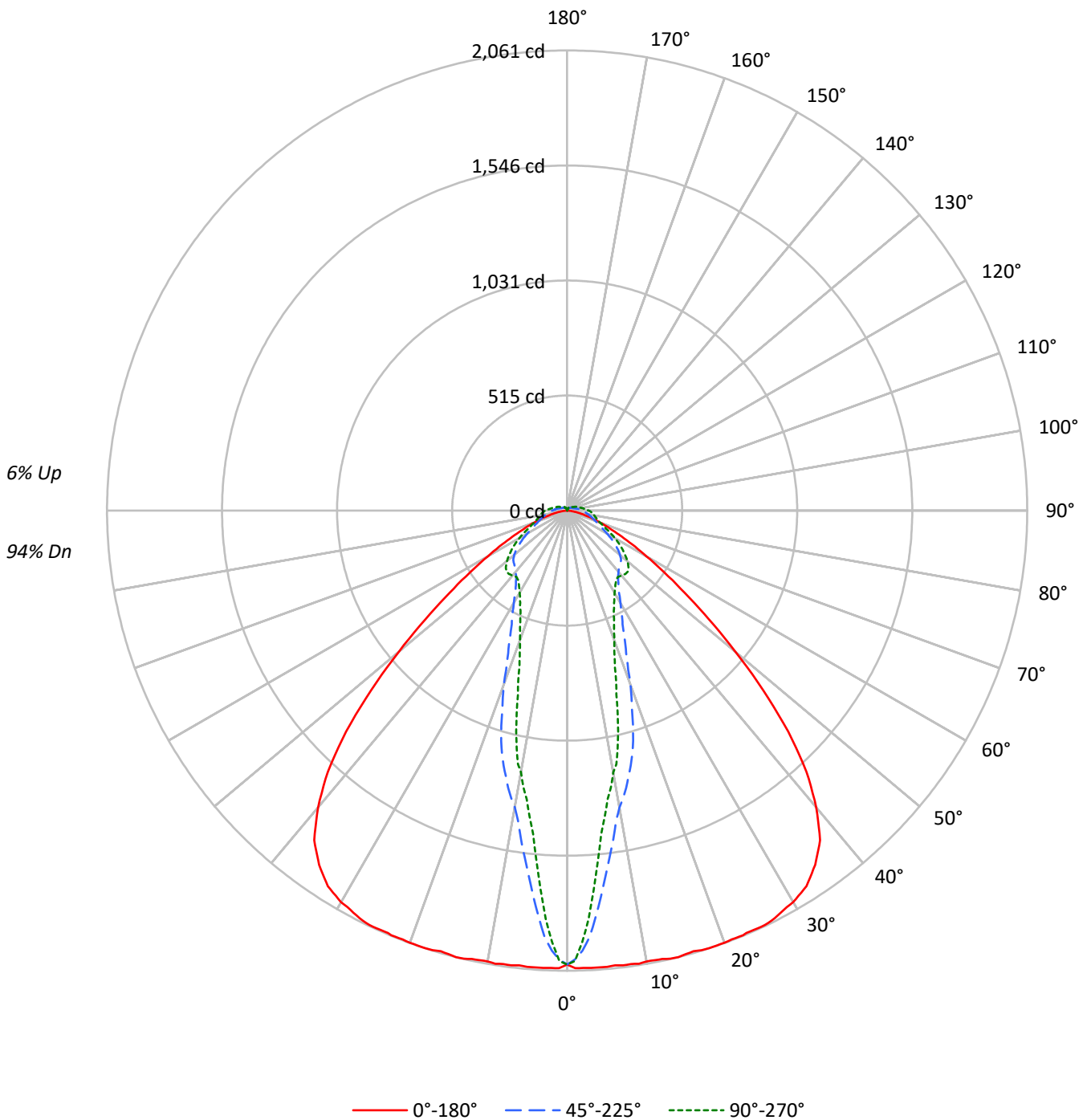
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2506.0 lumens  
Efficiency: N/A  
Efficacy: 152.8 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 (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	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°	21883	21883	21883
5°	22081	17973	16088
10°	22254	13568	11643
15°	22659	11091	8063
20°	23244	8025	5694
25°	23969	5750	4479
30°	24581	4594	3815
35°	24727	3886	3417
40°	23573	3532	3425
45°	20456	3413	3519
50°	15693	3245	3284
55°	11373	2838	2914
60°	8252	2369	2464
65°	6006	2003	2019
70°	4425	1770	1742
75°	3142	1638	1623
80°	2061	1533	1599
85°	970	1462	1600



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	159.9	6.4
10°-20°	347.2	13.9
20°-30°	397.4	15.9
30°-40°	398.1	15.9
40°-50°	376.9	15.0
50°-60°	289.0	11.5
60°-70°	186.3	7.4
70°-80°	118.8	4.7
80°-90°	78.9	3.1
90°-100°	53.0	2.1
100°-110°	34.9	1.4
110°-120°	24.3	1.0
120°-130°	17.0	0.7
130°-140°	11.8	0.5
140°-150°	7.2	0.3
150°-160°	3.7	0.1
160°-170°	1.4	0.1
170°-180°	0.3	0.0
0°-30°	904.5	36.1
0°-40°	1302.6	52.0
0°-60°	1968.5	78.5
0°-90°	2352.5	93.9
90°-120°	112.3	4.5
90°-150°	148.2	5.9
90°-180°	154.0	6.1
0°-180°	2506.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2033	2033	2033	2033	2033	
5°	2051	1938	1736	1620	1576	196
15°	2056	1481	1129	927	853	583
25°	2057	1048	597	519	494	948
35°	1937	583	399	387	381	1202
45°	1400	369	336	372	385	1064
55°	642	263	259	292	303	590
65°	257	166	163	186	193	264
75°	87	90	113	130	136	96
85°	12	41	80	104	112	16
90°	0	28	67	92	96	1
95°	0	20	55	76	80	0
105°	0	15	36	51	55	1
115°	1	13	27	37	40	1
125°	1	12	23	27	28	1
135°	1	9	18	22	23	1
145°	1	6	13	17	18	1
155°	1	4	8	12	13	1
165°	3	3	5	6	8	1
175°	3	3	3	3	1	0
180°	3	3	3	3	3	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2033.0	2033.0	2033.0	2033.0	2033.0
1°	2049.7	2038.1	2011.2	2018.9	2017.6
2°	2049.7	2025.3	1972.6	1957.2	1934.1
3°	2051.0	2003.5	1913.6	1863.5	1831.4
4°	2051.0	1971.3	1826.2	1742.7	1701.6
5°	2051.0	1938.0	1736.3	1619.5	1575.8
6°	2048.4	1898.1	1645.1	1521.9	1456.4
7°	2052.3	1854.5	1562.9	1430.7	1379.3
8°	2051.0	1803.1	1487.2	1361.3	1304.8
9°	2054.8	1753.0	1405.0	1295.8	1253.4
10°	2051.0	1706.8	1351.0	1234.2	1190.5
11°	2051.0	1661.8	1312.5	1194.4	1157.1
12°	2053.5	1610.5	1270.1	1137.9	1086.5
13°	2060.0	1557.8	1221.3	1076.2	1015.9
14°	2061.2	1518.0	1176.4	997.9	934.9
15°	2056.1	1480.8	1128.9	927.2	852.8
16°	2053.5	1442.2	1072.4	860.5	793.7
17°	2058.7	1397.3	1008.1	792.4	730.7
18°	2060.0	1356.2	940.1	741.0	687.1
19°	2060.0	1324.1	884.9	693.5	647.3
20°	2060.0	1293.3	828.3	657.5	617.7
21°	2057.4	1254.7	764.1	620.3	586.9
22.5°	2058.7	1182.8	690.9	576.6	549.7
23°	2054.8	1164.8	673.0	565.1	536.8
24°	2056.1	1113.5	634.4	542.0	515.0
25°	2057.4	1048.0	597.2	518.8	494.4
26°	2054.8	995.3	566.4	497.0	480.3
27°	2048.4	952.9	544.5	479.0	463.6
28°	2039.4	896.4	521.4	463.6	449.5
29°	2030.4	832.2	498.3	446.9	436.6
30°	2025.3	780.8	476.5	434.1	425.1
32.5°	1994.5	679.4	431.5	408.4	400.7
35°	1936.7	583.1	399.4	386.6	381.4
37.5°	1860.9	508.6	375.0	372.4	373.7
40°	1736.3	449.5	357.0	368.6	380.1
42.5°	1587.3	403.3	344.2	372.4	385.3
45°	1399.8	368.6	336.5	372.4	385.3
47.5°	1191.8	340.3	327.5	359.6	372.4
50°	983.7	314.6	309.5	340.3	351.9
52.5°	800.1	290.2	286.4	315.9	327.5
55°	642.1	263.3	259.4	291.5	303.1
57.5°	515.0	237.6	233.7	263.3	274.8
60°	411.0	211.9	205.5	235.0	246.6
62.5°	327.5	187.5	183.6	209.3	219.6
65°	256.9	165.7	163.1	186.2	192.6



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	202.9	145.1	146.4	165.7	173.4
70°	156.7	125.9	133.6	151.5	156.7
72.5°	118.2	106.6	123.3	138.7	145.1
75°	87.3	89.9	113.0	129.7	136.1
77.5°	60.4	74.5	104.0	122.0	128.4
80°	41.1	60.4	95.0	115.6	123.3
82.5°	24.4	50.1	87.3	109.2	118.2
85°	11.6	41.1	79.6	104.0	111.7
87.5°	3.9	33.4	71.9	98.9	105.3
90°	0.0	28.3	66.8	92.5	96.3
92.5°	0.0	24.4	60.4	84.8	87.3
95°	0.0	20.5	55.2	75.8	79.6
97.5°	0.0	19.3	51.4	68.1	73.2
100°	0.0	18.0	46.2	61.6	66.8
102.5°	0.0	15.4	41.1	55.2	60.4
105°	0.0	15.4	36.0	51.4	55.2
107.5°	1.3	14.1	33.4	46.2	51.4
110°	1.3	14.1	29.5	43.7	47.5
112.5°	1.3	14.1	28.3	39.8	44.9
115°	1.3	12.8	27.0	37.2	39.8
117.5°	1.3	12.8	25.7	33.4	36.0
120°	1.3	11.6	24.4	30.8	32.1
122.5°	1.3	11.6	23.1	28.3	29.5
125°	1.3	11.6	23.1	27.0	28.3
127.5°	1.3	10.3	21.8	25.7	25.7
130°	1.3	10.3	20.5	24.4	24.4
132.5°	1.3	9.0	19.3	23.1	24.4
135°	1.3	9.0	18.0	21.8	23.1
137.5°	1.3	7.7	16.7	20.5	21.8
140°	1.3	7.7	15.4	19.3	20.5
142.5°	1.3	6.4	14.1	18.0	19.3
145°	1.3	6.4	12.8	16.7	18.0
147.5°	1.3	6.4	11.6	15.4	16.7
150°	1.3	5.1	10.3	14.1	15.4
152.5°	1.3	5.1	9.0	12.8	14.1
155°	1.3	3.9	7.7	11.6	12.8
157.5°	1.3	3.9	7.7	10.3	11.6
160°	2.6	3.9	6.4	9.0	10.3
162.5°	1.3	2.6	6.4	7.7	9.0
165°	2.6	2.6	5.1	6.4	7.7
167.5°	2.6	2.6	3.9	5.1	6.4
170°	2.6	2.6	3.9	3.9	5.1
172.5°	2.6	2.6	2.6	3.9	2.6
175°	2.6	2.6	2.6	2.6	1.3
177.5°	2.6	2.6	2.6	2.6	1.3



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	2.6	2.6	2.6	2.6	2.6

(END OF REPORT)