

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: P566193

Luminaire Tested: **4SNX-26SL-LC-UNV-L850-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566193
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-L850-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 5000K, 80CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

Summary

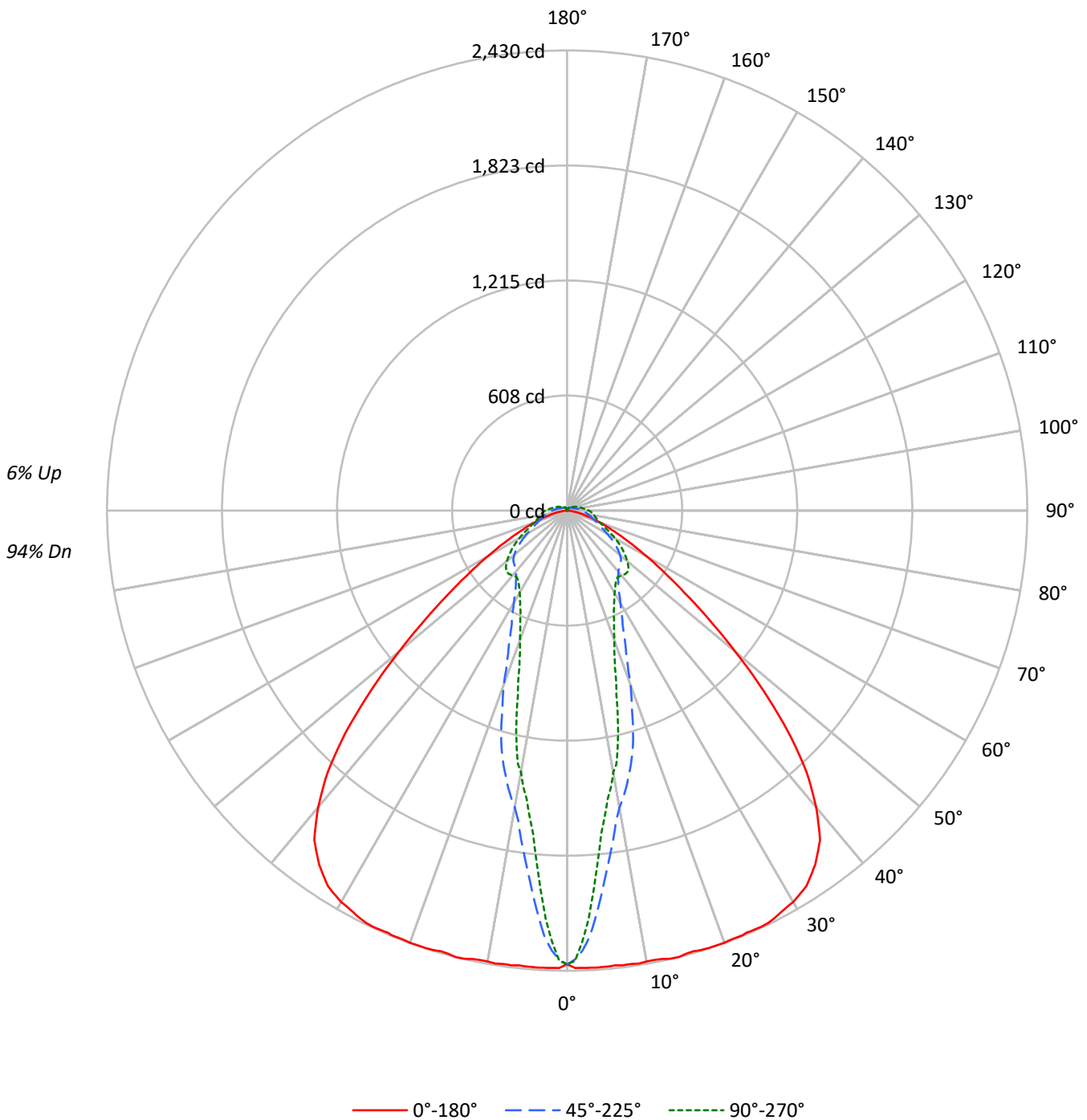
Lumens per Lamp: N/A
Luminaire Lumens: 2954.0 lumens
Efficiency: N/A
Efficacy: 180.1 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

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°	25795	25795	25795
5°	26027	21186	18964
10°	26232	15994	13725
15°	26711	13074	9504
20°	27399	9460	6713
25°	28254	6777	5280
30°	28975	5414	4497
35°	29148	4580	4028
40°	27787	4164	4038
45°	24114	4022	4148
50°	18500	3825	3871
55°	13406	3346	3435
60°	9726	2792	2904
65°	7080	2361	2381
70°	5216	2085	2053
75°	3704	1931	1914
80°	2427	1808	1884
85°	1138	1724	1887



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.5	6.4
10°-20°	409.2	13.9
20°-30°	468.4	15.9
30°-40°	469.3	15.9
40°-50°	444.2	15.0
50°-60°	340.7	11.5
60°-70°	219.6	7.4
70°-80°	140.0	4.7
80°-90°	93.0	3.1
90°-100°	62.5	2.1
100°-110°	41.2	1.4
110°-120°	28.7	1.0
120°-130°	20.0	0.7
130°-140°	13.9	0.5
140°-150°	8.5	0.3
150°-160°	4.3	0.1
160°-170°	1.7	0.1
170°-180°	0.3	0.0
0°-30°	1066.2	36.1
0°-40°	1535.4	52.0
0°-60°	2320.4	78.5
0°-90°	2773.0	93.9
90°-120°	132.4	4.5
90°-150°	174.7	5.9
90°-180°	181.0	6.1
0°-180°	2954.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2396	2396	2396	2396	2396	
5°	2418	2284	2047	1909	1858	231
15°	2424	1746	1331	1093	1005	687
25°	2425	1235	704	612	583	1118
35°	2283	687	471	456	450	1416
45°	1650	434	397	439	454	1255
55°	757	310	306	344	357	696
65°	303	195	192	220	227	311
75°	103	106	133	153	160	113
85°	14	48	94	123	132	19
90°	0	33	79	109	114	1
95°	0	24	65	89	94	0
105°	0	18	42	61	65	1
115°	2	15	32	44	47	1
125°	2	14	27	32	33	1
135°	2	11	21	26	27	1
145°	2	8	15	20	21	1
155°	2	4	9	14	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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CATALOG NUMBER: 4SNX-26SL-LC-UNV-L850-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2396.4	2396.4	2396.4	2396.4	2396.4
1°	2416.1	2402.5	2370.7	2379.8	2378.3
2°	2416.1	2387.3	2325.3	2307.1	2279.9
3°	2417.6	2361.6	2255.6	2196.6	2158.8
4°	2417.6	2323.8	2152.7	2054.3	2005.9
5°	2417.6	2284.4	2046.7	1909.0	1857.5
6°	2414.6	2237.5	1939.2	1793.9	1716.7
7°	2419.1	2186.0	1842.4	1686.4	1625.9
8°	2417.6	2125.4	1753.0	1604.7	1538.1
9°	2422.2	2066.4	1656.2	1527.5	1477.5
10°	2417.6	2011.9	1592.6	1454.8	1403.3
11°	2417.6	1958.9	1547.2	1407.9	1364.0
12°	2420.6	1898.4	1497.2	1341.3	1280.7
13°	2428.2	1836.3	1439.7	1268.6	1197.5
14°	2429.7	1789.4	1386.7	1176.3	1102.1
15°	2423.7	1745.5	1330.7	1093.0	1005.2
16°	2420.6	1700.1	1264.1	1014.3	935.6
17°	2426.7	1647.1	1188.4	934.0	861.4
18°	2428.2	1598.6	1108.1	873.5	809.9
19°	2428.2	1560.8	1043.0	817.5	763.0
20°	2428.2	1524.4	976.4	775.1	728.2
21°	2425.2	1479.0	900.7	731.2	691.8
22.5°	2426.7	1394.3	814.5	679.7	647.9
23°	2422.2	1373.1	793.3	666.1	632.8
24°	2423.7	1312.5	747.8	638.8	607.1
25°	2425.2	1235.3	703.9	611.6	582.8
26°	2422.2	1173.2	667.6	585.9	566.2
27°	2414.6	1123.3	641.9	564.7	546.5
28°	2404.0	1056.7	614.6	546.5	529.8
29°	2393.4	981.0	587.4	526.8	514.7
30°	2387.3	920.4	561.6	511.7	501.1
32.5°	2351.0	800.8	508.7	481.4	472.3
35°	2282.9	687.3	470.8	455.7	449.6
37.5°	2193.6	599.5	442.0	439.0	440.5
40°	2046.7	529.8	420.9	434.5	448.1
42.5°	1871.1	475.3	405.7	439.0	454.2
45°	1650.1	434.5	396.6	439.0	454.2
47.5°	1404.9	401.2	386.0	423.9	439.0
50°	1159.6	370.9	364.8	401.2	414.8
52.5°	943.1	342.1	337.6	372.4	386.0
55°	756.9	310.3	305.8	343.6	357.3
57.5°	607.1	280.1	275.5	310.3	324.0
60°	484.4	249.8	242.2	277.0	290.7
62.5°	386.0	221.0	216.5	246.8	258.9
65°	302.8	195.3	192.3	219.5	227.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	239.2	171.1	172.6	195.3	204.4
70°	184.7	148.4	157.4	178.6	184.7
72.5°	139.3	125.6	145.3	163.5	171.1
75°	102.9	106.0	133.2	152.9	160.5
77.5°	71.2	87.8	122.6	143.8	151.4
80°	48.4	71.2	112.0	136.2	145.3
82.5°	28.8	59.0	102.9	128.7	139.3
85°	13.6	48.4	93.9	122.6	131.7
87.5°	4.5	39.4	84.8	116.6	124.1
90°	0.0	33.3	78.7	109.0	113.5
92.5°	0.0	28.8	71.2	99.9	102.9
95°	0.0	24.2	65.1	89.3	93.9
97.5°	0.0	22.7	60.6	80.2	86.3
100°	0.0	21.2	54.5	72.7	78.7
102.5°	0.0	18.2	48.4	65.1	71.2
105°	0.0	18.2	42.4	60.6	65.1
107.5°	1.5	16.7	39.4	54.5	60.6
110°	1.5	16.7	34.8	51.5	56.0
112.5°	1.5	16.7	33.3	46.9	53.0
115°	1.5	15.1	31.8	43.9	46.9
117.5°	1.5	15.1	30.3	39.4	42.4
120°	1.5	13.6	28.8	36.3	37.8
122.5°	1.5	13.6	27.2	33.3	34.8
125°	1.5	13.6	27.2	31.8	33.3
127.5°	1.5	12.1	25.7	30.3	30.3
130°	1.5	12.1	24.2	28.8	28.8
132.5°	1.5	10.6	22.7	27.2	28.8
135°	1.5	10.6	21.2	25.7	27.2
137.5°	1.5	9.1	19.7	24.2	25.7
140°	1.5	9.1	18.2	22.7	24.2
142.5°	1.5	7.6	16.7	21.2	22.7
145°	1.5	7.6	15.1	19.7	21.2
147.5°	1.5	7.6	13.6	18.2	19.7
150°	1.5	6.1	12.1	16.7	18.2
152.5°	1.5	6.1	10.6	15.1	16.7
155°	1.5	4.5	9.1	13.6	15.1
157.5°	1.5	4.5	9.1	12.1	13.6
160°	3.0	4.5	7.6	10.6	12.1
162.5°	1.5	3.0	7.6	9.1	10.6
165°	3.0	3.0	6.1	7.6	9.1
167.5°	3.0	3.0	4.5	6.1	7.6
170°	3.0	3.0	4.5	4.5	6.1
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)