

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: P566194

Luminaire Tested: **4SNX-26SL-LC-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566194
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-L930-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

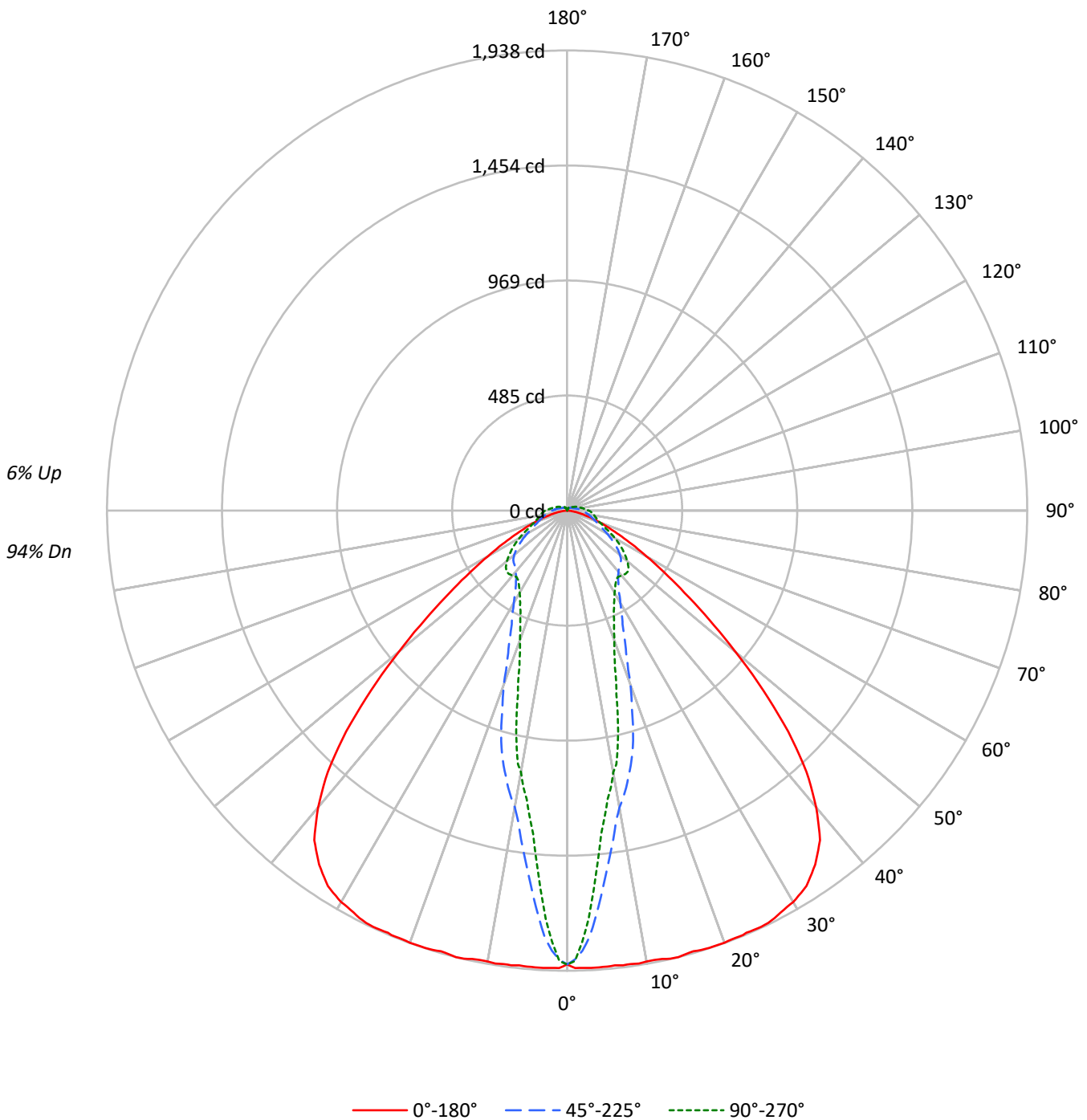
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2356.0 lumens
Efficiency: N/A
Efficacy: 143.7 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

TEST NUMBER: P566194
CATALOG NUMBER: 4SNX-26SL-LC-UNV-L930-CD

Luminous Intensity Polar Plot





TEST NUMBER: P566194

CATALOG NUMBER: 4SNX-26SL-LC-UNV-L930-CD

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°	20573	20573	20573
5°	20759	16898	15125
10°	20921	12757	10947
15°	21303	10427	7580
20°	21853	7545	5354
25°	22534	5405	4211
30°	23110	4318	3586
35°	23246	3653	3212
40°	22162	3321	3220
45°	19233	3208	3308
50°	14755	3051	3087
55°	10693	2668	2739
60°	7758	2227	2316
65°	5646	1882	1898
70°	4160	1664	1637
75°	2955	1541	1526
80°	1935	1441	1503
85°	912	1375	1504



TEST NUMBER: P566194

CATALOG NUMBER: 4SNX-26SL-LC-UNV-L930-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.3	6.4
10°-20°	326.4	13.9
20°-30°	373.6	15.9
30°-40°	374.3	15.9
40°-50°	354.3	15.0
50°-60°	271.7	11.5
60°-70°	175.2	7.4
70°-80°	111.7	4.7
80°-90°	74.2	3.1
90°-100°	49.9	2.1
100°-110°	32.9	1.4
110°-120°	22.9	1.0
120°-130°	15.9	0.7
130°-140°	11.1	0.5
140°-150°	6.8	0.3
150°-160°	3.4	0.1
160°-170°	1.3	0.1
170°-180°	0.3	0.0
0°-30°	850.3	36.1
0°-40°	1224.6	52.0
0°-60°	1850.6	78.6
0°-90°	2211.6	93.9
90°-120°	105.6	4.5
90°-150°	139.3	5.9
90°-180°	144.0	6.1
0°-180°	2356.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1911	1911	1911	1911	1911	
5°	1928	1822	1632	1522	1482	184
15°	1933	1392	1061	872	802	548
25°	1934	985	561	488	465	892
35°	1821	548	376	363	359	1130
45°	1316	346	316	350	362	1001
55°	604	248	244	274	285	555
65°	242	156	153	175	181	248
75°	82	84	106	122	128	90
85°	11	39	75	98	105	15
90°	0	27	63	87	91	0
95°	0	19	52	71	75	0
105°	0	14	34	48	52	1
115°	1	12	25	35	37	1
125°	1	11	22	25	27	1
135°	1	8	17	20	22	1
145°	1	6	12	16	17	1
155°	1	4	7	11	12	1
165°	2	2	5	6	7	1
175°	2	2	2	2	1	0
180°	2	2	2	2	2	



TEST NUMBER: P566194

CATALOG NUMBER: 4SNX-26SL-LC-UNV-L930-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1911.3	1911.3	1911.3	1911.3	1911.3
1°	1927.0	1916.1	1890.8	1898.0	1896.8
2°	1927.0	1904.1	1854.6	1840.1	1818.3
3°	1928.2	1883.5	1799.0	1751.9	1721.7
4°	1928.2	1853.3	1716.9	1638.4	1599.8
5°	1928.2	1822.0	1632.4	1522.5	1481.5
6°	1925.8	1784.5	1546.7	1430.8	1369.2
7°	1929.4	1743.5	1469.4	1345.0	1296.7
8°	1928.2	1695.2	1398.2	1279.8	1226.7
9°	1931.8	1648.1	1320.9	1218.3	1178.4
10°	1928.2	1604.6	1270.2	1160.3	1119.3
11°	1928.2	1562.4	1234.0	1122.9	1087.9
12°	1930.6	1514.1	1194.1	1069.7	1021.5
13°	1936.7	1464.6	1148.2	1011.8	955.0
14°	1937.9	1427.1	1106.0	938.1	879.0
15°	1933.0	1392.1	1061.3	871.7	801.7
16°	1930.6	1355.9	1008.2	809.0	746.2
17°	1935.4	1313.6	947.8	745.0	687.0
18°	1936.7	1275.0	883.8	696.7	646.0
19°	1936.7	1244.8	831.9	652.0	608.5
20°	1936.7	1215.8	778.8	618.2	580.8
21°	1934.2	1179.6	718.4	583.2	551.8
22.5°	1935.4	1112.0	649.6	542.1	516.8
23°	1931.8	1095.1	632.7	531.3	504.7
24°	1933.0	1046.8	596.5	509.5	484.2
25°	1934.2	985.2	561.4	487.8	464.8
26°	1931.8	935.7	532.5	467.3	451.6
27°	1925.8	895.9	511.9	450.4	435.9
28°	1917.3	842.8	490.2	435.9	422.6
29°	1908.9	782.4	468.5	420.2	410.5
30°	1904.1	734.1	447.9	408.1	399.6
32.5°	1875.1	638.7	405.7	384.0	376.7
35°	1820.7	548.2	375.5	363.4	358.6
37.5°	1749.5	478.1	352.6	350.1	351.4
40°	1632.4	422.6	335.7	346.5	357.4
42.5°	1492.3	379.1	323.6	350.1	362.2
45°	1316.1	346.5	316.3	350.1	362.2
47.5°	1120.5	320.0	307.9	338.1	350.1
50°	924.9	295.8	291.0	320.0	330.8
52.5°	752.2	272.9	269.2	297.0	307.9
55°	603.7	247.5	243.9	274.1	284.9
57.5°	484.2	223.4	219.7	247.5	258.4
60°	386.4	199.2	193.2	221.0	231.8
62.5°	307.9	176.3	172.7	196.8	206.5
65°	241.5	155.8	153.3	175.1	181.1



TEST NUMBER: P566194

CATALOG NUMBER: 4SNX-26SL-LC-UNV-L930-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	190.8	136.4	137.6	155.8	163.0
70°	147.3	118.3	125.6	142.5	147.3
72.5°	111.1	100.2	115.9	130.4	136.4
75°	82.1	84.5	106.3	121.9	128.0
77.5°	56.7	70.0	97.8	114.7	120.7
80°	38.6	56.7	89.3	108.7	115.9
82.5°	22.9	47.1	82.1	102.6	111.1
85°	10.9	38.6	74.9	97.8	105.0
87.5°	3.6	31.4	67.6	93.0	99.0
90°	0.0	26.6	62.8	86.9	90.6
92.5°	0.0	22.9	56.7	79.7	82.1
95°	0.0	19.3	51.9	71.2	74.9
97.5°	0.0	18.1	48.3	64.0	68.8
100°	0.0	16.9	43.5	58.0	62.8
102.5°	0.0	14.5	38.6	51.9	56.7
105°	0.0	14.5	33.8	48.3	51.9
107.5°	1.2	13.3	31.4	43.5	48.3
110°	1.2	13.3	27.8	41.1	44.7
112.5°	1.2	13.3	26.6	37.4	42.3
115°	1.2	12.1	25.4	35.0	37.4
117.5°	1.2	12.1	24.1	31.4	33.8
120°	1.2	10.9	22.9	29.0	30.2
122.5°	1.2	10.9	21.7	26.6	27.8
125°	1.2	10.9	21.7	25.4	26.6
127.5°	1.2	9.7	20.5	24.1	24.1
130°	1.2	9.7	19.3	22.9	22.9
132.5°	1.2	8.5	18.1	21.7	22.9
135°	1.2	8.5	16.9	20.5	21.7
137.5°	1.2	7.2	15.7	19.3	20.5
140°	1.2	7.2	14.5	18.1	19.3
142.5°	1.2	6.0	13.3	16.9	18.1
145°	1.2	6.0	12.1	15.7	16.9
147.5°	1.2	6.0	10.9	14.5	15.7
150°	1.2	4.8	9.7	13.3	14.5
152.5°	1.2	4.8	8.5	12.1	13.3
155°	1.2	3.6	7.2	10.9	12.1
157.5°	1.2	3.6	7.2	9.7	10.9
160°	2.4	3.6	6.0	8.5	9.7
162.5°	1.2	2.4	6.0	7.2	8.5
165°	2.4	2.4	4.8	6.0	7.2
167.5°	2.4	2.4	3.6	4.8	6.0
170°	2.4	2.4	3.6	3.6	4.8
172.5°	2.4	2.4	2.4	3.6	2.4
175°	2.4	2.4	2.4	2.4	1.2
177.5°	2.4	2.4	2.4	2.4	1.2



TEST NUMBER: P566194

CATALOG NUMBER: 4SNX-26SL-LC-UNV-L930-CD

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)