

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: P566196

Luminaire Tested: **4SNX-26SL-LC-UNV-L940-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566196
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-L940-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

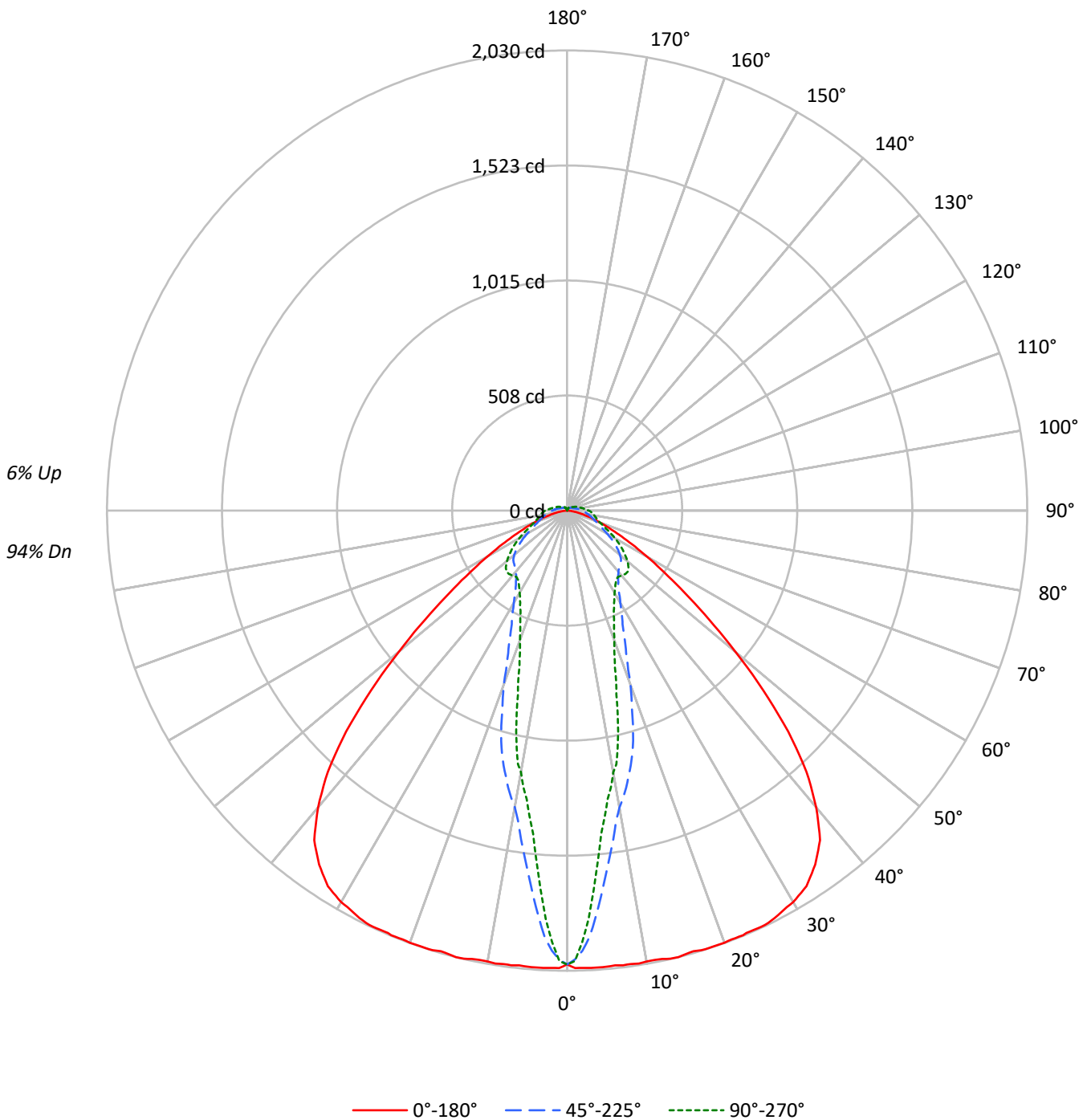
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2468.0 lumens
Efficiency: N/A
Efficacy: 150.5 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_{in}): 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: P566196
CATALOG NUMBER: 4SNX-26SL-LC-UNV-L940-CD

Luminous Intensity Polar Plot





TEST NUMBER: P566196

CATALOG NUMBER: 4SNX-26SL-LC-UNV-L940-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	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°	21552	21552	21552
5°	21746	17701	15844
10°	21916	13363	11467
15°	22316	10922	7940
20°	22891	7904	5608
25°	23606	5662	4411
30°	24209	4524	3757
35°	24352	3826	3365
40°	23216	3478	3374
45°	20146	3361	3465
50°	15456	3196	3234
55°	11201	2795	2870
60°	8126	2333	2426
65°	5915	1972	1989
70°	4357	1742	1715
75°	3095	1613	1599
80°	2031	1511	1574
85°	954	1440	1576



TEST NUMBER: P566196

CATALOG NUMBER: 4SNX-26SL-LC-UNV-L940-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.5	6.4
10°-20°	341.9	13.9
20°-30°	391.4	15.9
30°-40°	392.1	15.9
40°-50°	371.2	15.0
50°-60°	284.6	11.5
60°-70°	183.5	7.4
70°-80°	117.0	4.7
80°-90°	77.7	3.1
90°-100°	52.2	2.1
100°-110°	34.4	1.4
110°-120°	23.9	1.0
120°-130°	16.7	0.7
130°-140°	11.6	0.5
140°-150°	7.1	0.3
150°-160°	3.6	0.1
160°-170°	1.4	0.1
170°-180°	0.3	0.0
0°-30°	890.8	36.1
0°-40°	1282.8	52.0
0°-60°	1938.6	78.6
0°-90°	2316.8	93.9
90°-120°	110.6	4.5
90°-150°	146.0	5.9
90°-180°	151.0	6.1
0°-180°	2468.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2002	2002	2002	2002	2002	
5°	2020	1909	1710	1595	1552	193
15°	2025	1458	1112	913	840	574
25°	2026	1032	588	511	487	934
35°	1907	574	393	381	376	1183
45°	1379	363	331	367	379	1048
55°	632	259	256	287	298	582
65°	253	163	161	183	190	260
75°	86	88	111	128	134	95
85°	11	40	78	102	110	16
90°	0	28	66	91	95	1
95°	0	20	54	75	78	0
105°	0	15	35	51	54	1
115°	1	13	27	37	39	1
125°	1	11	23	27	28	1
135°	1	9	18	22	23	1
145°	1	6	13	16	18	1
155°	1	4	8	11	13	1
165°	2	2	5	6	8	1
175°	2	2	2	2	1	0
180°	2	2	2	2	2	



TEST NUMBER: P566196

CATALOG NUMBER: 4SNX-26SL-LC-UNV-L940-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2002.2	2002.2	2002.2	2002.2	2002.2
1°	2018.6	2007.2	1980.7	1988.2	1987.0
2°	2018.6	1994.6	1942.7	1927.5	1904.8
3°	2019.9	1973.1	1884.5	1835.2	1803.6
4°	2019.9	1941.5	1798.5	1716.3	1675.8
5°	2019.9	1908.6	1710.0	1594.9	1551.9
6°	2017.3	1869.4	1620.2	1498.8	1434.3
7°	2021.1	1826.4	1539.2	1409.0	1358.4
8°	2019.9	1775.8	1464.6	1340.7	1285.0
9°	2023.7	1726.4	1383.7	1276.2	1234.4
10°	2019.9	1680.9	1330.6	1215.5	1172.5
11°	2019.9	1636.6	1292.6	1176.3	1139.6
12°	2022.4	1586.0	1250.9	1120.6	1070.0
13°	2028.7	1534.2	1202.8	1059.9	1000.4
14°	2030.0	1495.0	1158.5	982.7	920.8
15°	2024.9	1458.3	1111.7	913.2	839.8
16°	2022.4	1420.4	1056.1	847.4	781.6
17°	2027.5	1376.1	992.9	780.4	719.7
18°	2028.7	1335.6	925.8	729.8	676.7
19°	2028.7	1304.0	871.4	683.0	637.5
20°	2028.7	1273.6	815.8	647.6	608.4
21°	2026.2	1235.7	752.5	610.9	578.0
22.5°	2027.5	1164.9	680.5	567.9	541.3
23°	2023.7	1147.2	662.7	556.5	528.7
24°	2024.9	1096.6	624.8	533.7	507.2
25°	2026.2	1032.1	588.1	511.0	486.9
26°	2023.7	980.2	557.8	489.5	473.0
27°	2017.3	938.5	536.3	471.8	456.6
28°	2008.5	882.8	513.5	456.6	442.7
29°	1999.6	819.6	490.7	440.1	430.0
30°	1994.6	769.0	469.2	427.5	418.6
32.5°	1964.2	669.1	425.0	402.2	394.6
35°	1907.3	574.2	393.3	380.7	375.6
37.5°	1832.7	500.9	369.3	366.8	368.1
40°	1710.0	442.7	351.6	363.0	374.4
42.5°	1563.3	397.1	339.0	366.8	379.4
45°	1378.6	363.0	331.4	366.8	379.4
47.5°	1173.7	335.2	322.5	354.1	366.8
50°	968.8	309.9	304.8	335.2	346.6
52.5°	788.0	285.8	282.0	311.1	322.5
55°	632.4	259.3	255.5	287.1	298.5
57.5°	507.2	234.0	230.2	259.3	270.7
60°	404.7	208.7	202.4	231.5	242.8
62.5°	322.5	184.7	180.9	206.2	216.3
65°	253.0	163.2	160.6	183.4	189.7



TEST NUMBER: P566196

CATALOG NUMBER: 4SNX-26SL-LC-UNV-L940-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	199.8	142.9	144.2	163.2	170.7
70°	154.3	123.9	131.5	149.2	154.3
72.5°	116.4	105.0	121.4	136.6	142.9
75°	86.0	88.5	111.3	127.7	134.1
77.5°	59.4	73.4	102.4	120.2	126.5
80°	40.5	59.4	93.6	113.8	121.4
82.5°	24.0	49.3	86.0	107.5	116.4
85°	11.4	40.5	78.4	102.4	110.0
87.5°	3.8	32.9	70.8	97.4	103.7
90°	0.0	27.8	65.8	91.1	94.9
92.5°	0.0	24.0	59.4	83.5	86.0
95°	0.0	20.2	54.4	74.6	78.4
97.5°	0.0	19.0	50.6	67.0	72.1
100°	0.0	17.7	45.5	60.7	65.8
102.5°	0.0	15.2	40.5	54.4	59.4
105°	0.0	15.2	35.4	50.6	54.4
107.5°	1.3	13.9	32.9	45.5	50.6
110°	1.3	13.9	29.1	43.0	46.8
112.5°	1.3	13.9	27.8	39.2	44.3
115°	1.3	12.6	26.6	36.7	39.2
117.5°	1.3	12.6	25.3	32.9	35.4
120°	1.3	11.4	24.0	30.4	31.6
122.5°	1.3	11.4	22.8	27.8	29.1
125°	1.3	11.4	22.8	26.6	27.8
127.5°	1.3	10.1	21.5	25.3	25.3
130°	1.3	10.1	20.2	24.0	24.0
132.5°	1.3	8.9	19.0	22.8	24.0
135°	1.3	8.9	17.7	21.5	22.8
137.5°	1.3	7.6	16.4	20.2	21.5
140°	1.3	7.6	15.2	19.0	20.2
142.5°	1.3	6.3	13.9	17.7	19.0
145°	1.3	6.3	12.6	16.4	17.7
147.5°	1.3	6.3	11.4	15.2	16.4
150°	1.3	5.1	10.1	13.9	15.2
152.5°	1.3	5.1	8.9	12.6	13.9
155°	1.3	3.8	7.6	11.4	12.6
157.5°	1.3	3.8	7.6	10.1	11.4
160°	2.5	3.8	6.3	8.9	10.1
162.5°	1.3	2.5	6.3	7.6	8.9
165°	2.5	2.5	5.1	6.3	7.6
167.5°	2.5	2.5	3.8	5.1	6.3
170°	2.5	2.5	3.8	3.8	5.1
172.5°	2.5	2.5	2.5	3.8	2.5
175°	2.5	2.5	2.5	2.5	1.3
177.5°	2.5	2.5	2.5	2.5	1.3



TEST NUMBER: P566196

CATALOG NUMBER: 4SNX-26SL-LC-UNV-L940-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.5	2.5	2.5	2.5	2.5

(END OF REPORT)