

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: P566203

Luminaire Tested: **4SNX-26SL-LN-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566203
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-6)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-26SL-LN-UNV-L935-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND LN LENS
Light Source: -
Ballast/Driver: -

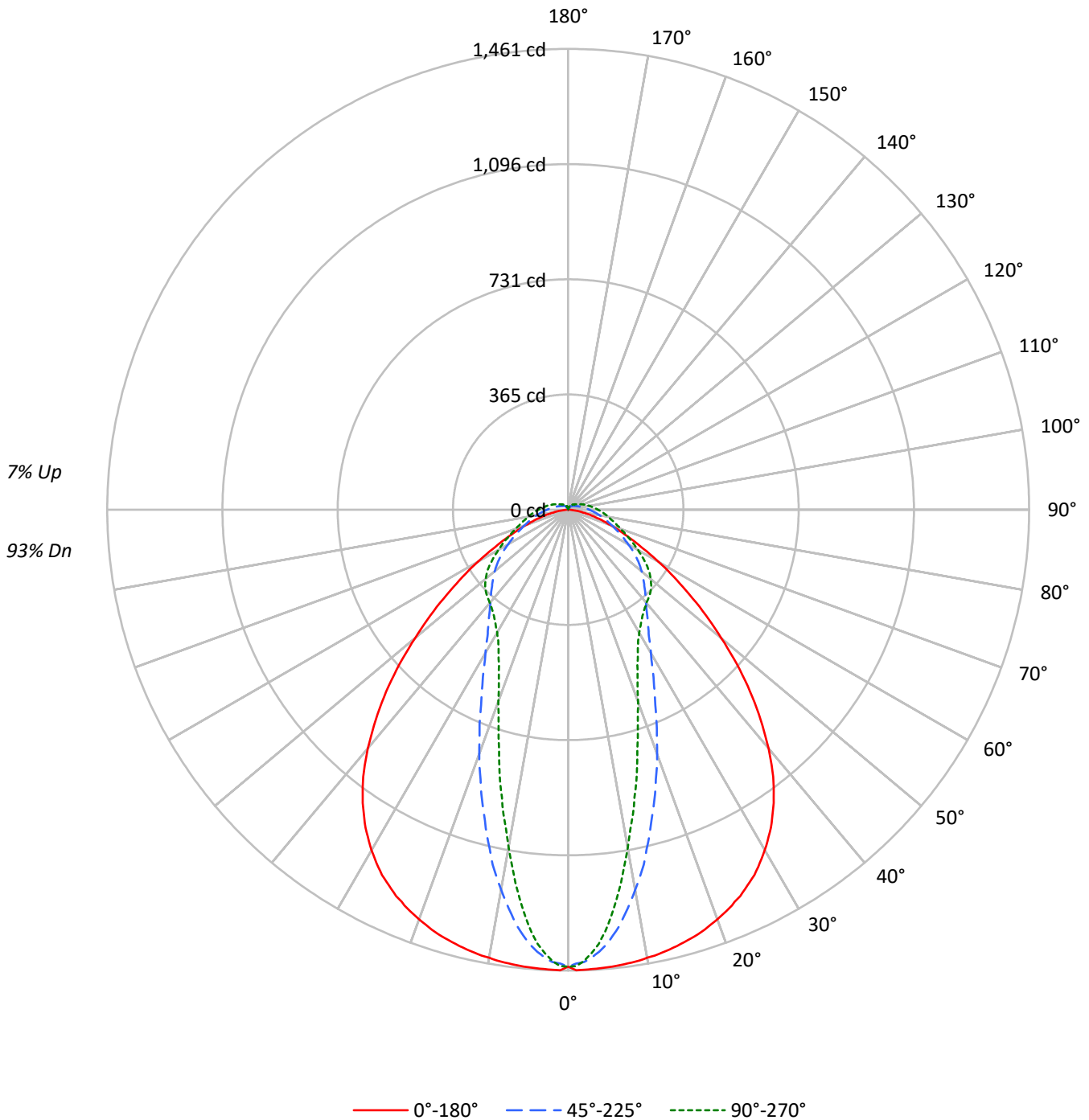
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2309.0 lumens
Efficiency: N/A
Efficacy: 140.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
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: P566203
CATALOG NUMBER: 4SNX-26SL-LN-UNV-L935-CD

Luminous Intensity Polar Plot





TEST NUMBER: P566203

CATALOG NUMBER: 4SNX-26SL-LN-UNV-L935-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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93				
1	107	103	99	95	104	100	96	93	94	91	88	89	87	85	85	83	81	78				
2	99	91	84	79	95	88	82	77	84	79	75	79	75	72	76	72	69	67				
3	91	81	73	67	88	79	72	66	75	69	64	71	66	62	68	64	60	58				
4	84	73	64	58	81	71	63	57	67	61	56	64	59	54	62	57	53	51				
5	78	66	57	51	75	64	56	51	61	55	49	59	53	48	56	51	47	45				
6	72	60	51	45	70	59	51	45	56	49	44	54	48	43	52	46	42	40				
7	67	55	47	41	65	54	46	41	52	45	40	50	44	39	48	42	38	36				
8	63	51	43	37	61	50	42	37	48	41	36	46	40	36	44	39	35	33				
9	59	47	39	34	58	46	39	34	44	38	33	43	37	33	41	36	32	30				
10	56	44	36	31	54	43	36	31	41	35	31	40	34	30	39	34	30	28				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	15592	15592	15592
5°	15673	14331	13713
10°	15651	12287	10640
15°	15644	10022	7974
20°	15593	7984	5968
25°	15452	6256	4737
30°	15128	5063	4040
35°	14493	4285	3675
40°	13407	3783	3478
45°	11919	3462	3371
50°	10097	3185	3185
55°	8295	2886	2908
60°	6634	2538	2551
65°	5148	2229	2220
70°	3999	1971	1964
75°	3092	1771	1790
80°	2186	1620	1663
85°	1213	1511	1595



TEST NUMBER: P566203

CATALOG NUMBER: 4SNX-26SL-LN-UNV-L935-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.3	5.6
10°-20°	300.7	13.0
20°-30°	356.9	15.5
30°-40°	359.1	15.6
40°-50°	333.8	14.5
50°-60°	274.9	11.9
60°-70°	193.7	8.4
70°-80°	126.5	5.5
80°-90°	80.8	3.5
90°-100°	53.0	2.3
100°-110°	36.0	1.6
110°-120°	24.6	1.1
120°-130°	17.1	0.7
130°-140°	11.5	0.5
140°-150°	7.1	0.3
150°-160°	3.7	0.2
160°-170°	1.3	0.1
170°-180°	0.2	0.0
0°-30°	785.9	34.0
0°-40°	1144.9	49.6
0°-60°	1753.6	75.9
0°-90°	2154.6	93.3
90°-120°	113.6	4.9
90°-150°	149.2	6.5
90°-180°	154.0	6.7
0°-180°	2309.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1448	1448	1448	1448	1448	
5°	1456	1436	1384	1358	1343	139
15°	1420	1268	1020	892	843	401
25°	1326	980	650	546	523	610
35°	1135	663	440	413	410	706
45°	816	437	341	359	369	626
55°	468	287	264	293	302	423
65°	220	173	182	204	212	223
75°	86	90	122	144	150	93
85°	14	41	82	106	111	18
90°	0	28	67	91	94	1
95°	0	21	56	76	80	0
105°	0	14	38	53	58	0
115°	1	12	27	39	41	1
125°	1	10	22	28	30	1
135°	1	8	17	22	23	1
145°	1	6	12	17	18	1
155°	1	5	8	12	13	1
165°	1	2	5	6	7	0
175°	2	2	2	2	1	0
180°	1	1	1	1	1	



TEST NUMBER: P566203

CATALOG NUMBER: 4SNX-26SL-LN-UNV-L935-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1448.5	1448.5	1448.5	1448.5	1448.5
1°	1460.6	1454.6	1438.8	1449.7	1447.3
2°	1459.4	1453.3	1435.2	1440.0	1431.6
3°	1458.2	1449.7	1421.9	1420.7	1408.6
4°	1457.0	1443.7	1404.9	1390.4	1380.7
5°	1455.8	1436.4	1384.4	1357.7	1343.2
6°	1454.6	1427.9	1357.7	1317.8	1297.2
7°	1452.1	1414.6	1329.9	1275.5	1248.8
8°	1449.7	1402.5	1294.8	1229.5	1196.8
9°	1447.3	1386.8	1259.7	1179.9	1141.1
10°	1442.5	1371.1	1223.4	1129.0	1087.9
11°	1440.0	1352.9	1188.3	1080.6	1032.2
12°	1435.2	1333.5	1150.8	1029.8	987.5
13°	1430.4	1313.0	1104.8	986.2	935.4
14°	1425.5	1291.2	1064.9	937.8	890.6
15°	1419.5	1268.2	1020.1	891.9	843.4
16°	1413.4	1241.6	980.2	844.7	793.8
17°	1407.4	1216.2	942.7	801.1	755.1
18°	1400.1	1190.8	899.1	758.7	714.0
19°	1390.4	1161.7	864.0	720.0	678.9
20°	1381.9	1135.1	824.1	683.7	647.4
21°	1372.3	1102.4	784.2	649.8	613.5
22.5°	1357.7	1056.4	733.3	607.5	573.6
23°	1350.5	1043.1	712.8	591.7	562.7
24°	1340.8	1008.0	678.9	567.5	538.5
25°	1326.3	980.2	649.8	545.8	522.8
26°	1313.0	946.3	620.8	526.4	503.4
27°	1299.7	913.6	595.4	505.8	486.5
28°	1282.7	879.8	567.5	488.9	471.9
29°	1264.6	848.3	544.6	474.4	461.1
30°	1246.4	813.2	525.2	461.1	450.2
32.5°	1195.6	735.7	475.6	435.6	428.4
35°	1135.1	663.1	440.5	412.6	410.2
37.5°	1067.3	596.6	409.0	394.5	396.9
40°	987.5	536.1	382.4	381.2	386.0
42.5°	902.7	484.0	361.8	370.3	377.6
45°	815.6	436.9	341.3	359.4	369.1
47.5°	724.9	395.7	323.1	346.1	357.0
50°	632.9	355.8	303.7	330.4	341.3
52.5°	550.6	320.7	284.4	312.2	324.3
55°	468.3	286.8	263.8	292.8	302.5
57.5°	396.9	255.3	242.0	271.1	278.3
60°	330.4	225.1	220.2	246.9	255.3
62.5°	269.9	198.5	199.7	225.1	233.6
65°	220.2	173.0	181.5	204.5	211.8



TEST NUMBER: P566203

CATALOG NUMBER: 4SNX-26SL-LN-UNV-L935-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	179.1	148.8	163.4	187.6	193.6
70°	141.6	127.1	148.8	170.6	176.7
72.5°	112.5	107.7	134.3	157.3	162.2
75°	85.9	89.5	122.2	144.0	150.1
77.5°	61.7	75.0	110.1	133.1	138.0
80°	43.6	61.7	100.4	123.4	128.3
82.5°	27.8	50.8	90.8	115.0	119.8
85°	14.5	41.1	82.3	106.5	111.3
87.5°	6.1	33.9	73.8	98.0	102.9
90°	0.0	27.8	66.6	90.8	94.4
92.5°	0.0	24.2	60.5	83.5	87.1
95°	0.0	20.6	55.7	76.2	79.9
97.5°	0.0	19.4	49.6	70.2	73.8
100°	0.0	16.9	44.8	64.1	69.0
102.5°	0.0	15.7	41.1	58.1	62.9
105°	0.0	14.5	37.5	53.2	58.1
107.5°	0.0	13.3	35.1	49.6	53.2
110°	0.0	13.3	31.5	46.0	49.6
112.5°	1.2	12.1	29.0	41.1	44.8
115°	1.2	12.1	26.6	38.7	41.1
117.5°	1.2	12.1	25.4	35.1	37.5
120°	1.2	10.9	24.2	32.7	35.1
122.5°	1.2	10.9	23.0	30.3	31.5
125°	1.2	9.7	21.8	27.8	30.3
127.5°	1.2	9.7	20.6	26.6	27.8
130°	1.2	9.7	19.4	24.2	26.6
132.5°	1.2	8.5	18.2	23.0	24.2
135°	1.2	8.5	16.9	21.8	23.0
137.5°	1.2	7.3	15.7	20.6	21.8
140°	1.2	7.3	14.5	19.4	20.6
142.5°	1.2	6.1	13.3	18.2	19.4
145°	1.2	6.1	12.1	16.9	18.2
147.5°	1.2	6.1	10.9	15.7	16.9
150°	1.2	4.8	9.7	14.5	15.7
152.5°	1.2	4.8	8.5	13.3	14.5
155°	1.2	4.8	8.5	12.1	13.3
157.5°	1.2	3.6	7.3	9.7	12.1
160°	1.2	3.6	6.1	8.5	10.9
162.5°	1.2	3.6	6.1	7.3	8.5
165°	1.2	2.4	4.8	6.1	7.3
167.5°	1.2	2.4	3.6	4.8	6.1
170°	1.2	2.4	3.6	3.6	4.8
172.5°	1.2	2.4	2.4	2.4	2.4
175°	2.4	2.4	2.4	2.4	1.2
177.5°	2.4	2.4	2.4	1.2	1.2



TEST NUMBER: P566203

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.2	1.2	1.2	1.2	1.2

(END OF REPORT)