

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: P565617

Luminaire Tested: **2SNX-25SL-LN-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565617
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: 2SNX-25SL-LN-UNV-L950-CD
Description: 2FT 2500 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND LN LENS
Light Source: -
Ballast/Driver: -

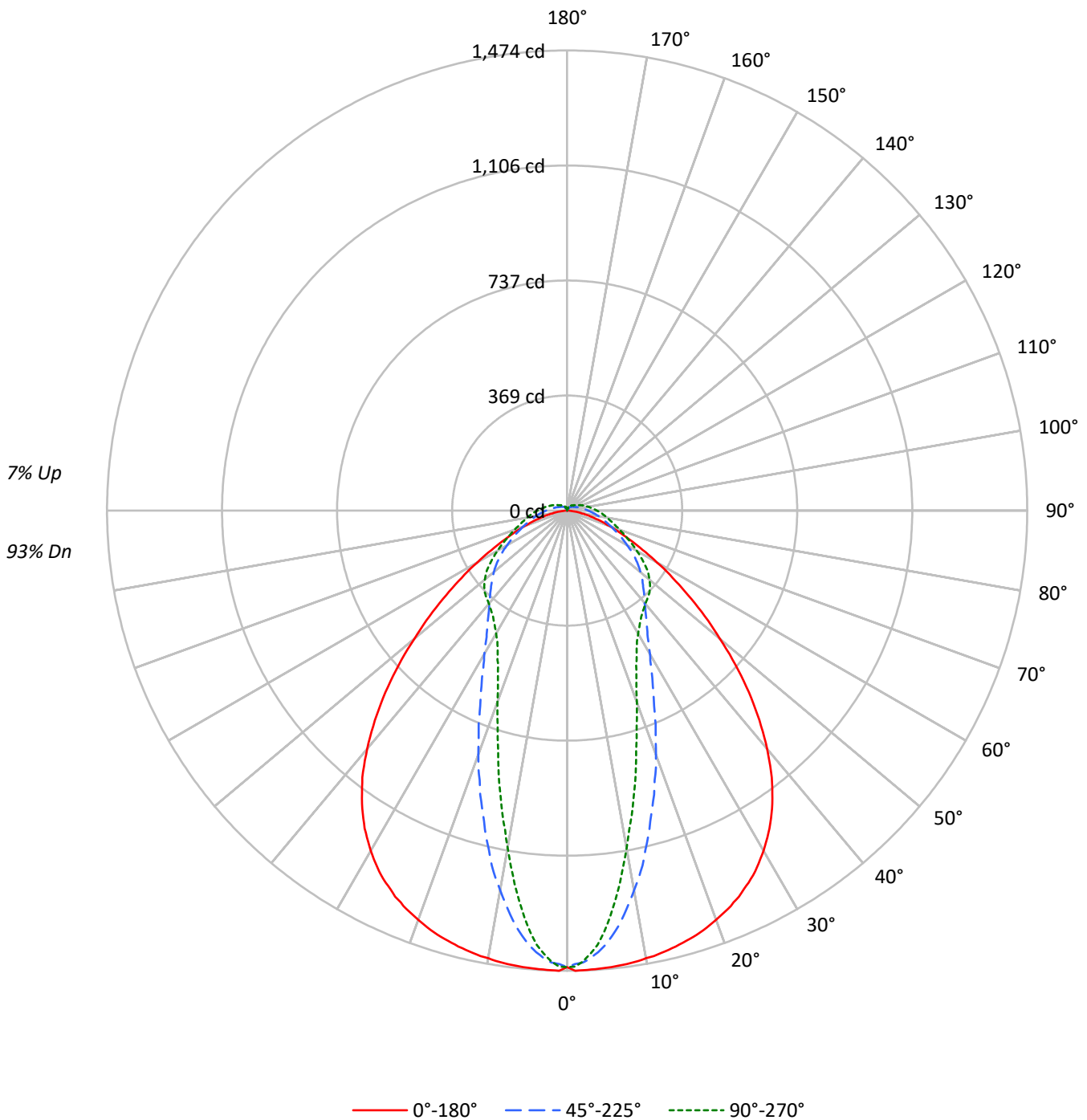
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2331.0 lumens
Efficiency: N/A
Efficacy: 133.2 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Direct

Input Watts (W): 17.5
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: P565617
CATALOG NUMBER: 2SNX-25SL-LN-UNV-L950-CD

Luminous Intensity Polar Plot





TEST NUMBER: P565617

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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	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°	31480	31480	31480
5°	31528	28863	27688
10°	31371	24690	21483
15°	31240	20096	16101
20°	31020	15975	12050
25°	30614	12493	9562
30°	29843	10090	8158
35°	28455	8522	7419
40°	26184	7507	7023
45°	23140	6854	6806
50°	19465	6292	6429
55°	15858	5687	5872
60°	12548	4989	5151
65°	9607	4366	4482
70°	7319	3850	3966
75°	5501	3445	3613
80°	3704	3137	3358
85°	1860	2907	3221



TEST NUMBER: P565617

CATALOG NUMBER: 2SNX-25SL-LN-UNV-L950-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.5	5.6
10°-20°	303.5	13.0
20°-30°	360.3	15.5
30°-40°	362.5	15.6
40°-50°	337.0	14.5
50°-60°	277.5	11.9
60°-70°	195.5	8.4
70°-80°	127.7	5.5
80°-90°	81.6	3.5
90°-100°	53.5	2.3
100°-110°	36.3	1.6
110°-120°	24.9	1.1
120°-130°	17.2	0.7
130°-140°	11.6	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°	793.3	34.0
0°-40°	1155.9	49.6
0°-60°	1770.3	75.9
0°-90°	2175.1	93.3
90°-120°	114.7	4.9
90°-150°	150.6	6.5
90°-180°	156.0	6.7
0°-180°	2331.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1462	1462	1462	1462	1462	
5°	1470	1450	1398	1371	1356	140
15°	1433	1280	1030	900	852	405
25°	1339	990	656	551	528	616
35°	1146	670	445	417	414	713
45°	823	441	344	363	373	632
55°	473	290	266	296	305	427
65°	222	175	183	206	214	226
75°	87	90	123	145	152	94
85°	15	42	83	108	112	18
90°	0	28	67	92	95	1
95°	0	21	56	77	81	0
105°	0	15	38	54	59	0
115°	1	12	27	39	42	1
125°	1	10	22	28	30	1
135°	1	9	17	22	23	1
145°	1	6	12	17	18	1
155°	1	5	9	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: P565617

CATALOG NUMBER: 2SNX-25SL-LN-UNV-L950-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1462.3	1462.3	1462.3	1462.3	1462.3
1°	1474.5	1468.4	1452.5	1463.5	1461.1
2°	1473.3	1467.2	1448.9	1453.8	1445.2
3°	1472.1	1463.5	1435.4	1434.2	1422.0
4°	1470.9	1457.4	1418.3	1403.7	1393.9
5°	1469.6	1450.1	1397.6	1370.7	1356.0
6°	1468.4	1441.5	1370.7	1330.4	1309.6
7°	1466.0	1428.1	1342.6	1287.6	1260.7
8°	1463.5	1415.9	1307.2	1241.2	1208.2
9°	1461.1	1400.0	1271.7	1191.1	1152.0
10°	1456.2	1384.1	1235.1	1139.8	1098.3
11°	1453.8	1365.8	1199.7	1090.9	1042.1
12°	1448.9	1346.3	1161.8	1039.6	996.9
13°	1444.0	1325.5	1115.4	995.6	944.3
14°	1439.1	1303.5	1075.0	946.8	899.1
15°	1433.0	1280.3	1029.8	900.4	851.5
16°	1426.9	1253.4	989.5	852.7	801.4
17°	1420.8	1227.8	951.7	808.7	762.3
18°	1413.4	1202.1	907.7	766.0	720.8
19°	1403.7	1172.8	872.3	726.9	685.3
20°	1395.1	1145.9	831.9	690.2	653.6
21°	1385.3	1112.9	791.6	656.0	619.4
22.5°	1370.7	1066.5	740.3	613.3	579.1
23°	1363.4	1053.1	719.5	597.4	568.1
24°	1353.6	1017.6	685.3	573.0	543.6
25°	1338.9	989.5	656.0	551.0	527.7
26°	1325.5	955.3	626.7	531.4	508.2
27°	1312.0	922.3	601.0	510.6	491.1
28°	1294.9	888.1	573.0	493.5	476.4
29°	1276.6	856.4	549.7	478.9	465.4
30°	1258.3	820.9	530.2	465.4	454.5
32.5°	1207.0	742.8	480.1	439.8	432.5
35°	1145.9	669.5	444.7	416.6	414.1
37.5°	1077.5	602.3	412.9	398.3	400.7
40°	996.9	541.2	386.0	384.8	389.7
42.5°	911.3	488.7	365.3	373.8	381.2
45°	823.4	441.0	344.5	362.8	372.6
47.5°	731.8	399.5	326.2	349.4	360.4
50°	638.9	359.2	306.6	333.5	344.5
52.5°	555.8	323.7	287.1	315.2	327.4
55°	472.8	289.5	266.3	295.6	305.4
57.5°	400.7	257.8	244.3	273.6	281.0
60°	333.5	227.2	222.3	249.2	257.8
62.5°	272.4	200.3	201.6	227.2	235.8
65°	222.3	174.7	183.2	206.5	213.8



TEST NUMBER: P565617

CATALOG NUMBER: 2SNX-25SL-LN-UNV-L950-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	180.8	150.3	164.9	189.4	195.5
70°	142.9	128.3	150.3	172.3	178.4
72.5°	113.6	108.7	135.6	158.8	163.7
75°	86.7	90.4	123.4	145.4	151.5
77.5°	62.3	75.7	111.2	134.4	139.3
80°	44.0	62.3	101.4	124.6	129.5
82.5°	28.1	51.3	91.6	116.1	120.9
85°	14.7	41.5	83.1	107.5	112.4
87.5°	6.1	34.2	74.5	99.0	103.8
90°	0.0	28.1	67.2	91.6	95.3
92.5°	0.0	24.4	61.1	84.3	88.0
95°	0.0	20.8	56.2	77.0	80.6
97.5°	0.0	19.5	50.1	70.9	74.5
100°	0.0	17.1	45.2	64.7	69.6
102.5°	0.0	15.9	41.5	58.6	63.5
105°	0.0	14.7	37.9	53.8	58.6
107.5°	0.0	13.4	35.4	50.1	53.8
110°	0.0	13.4	31.8	46.4	50.1
112.5°	1.2	12.2	29.3	41.5	45.2
115°	1.2	12.2	26.9	39.1	41.5
117.5°	1.2	12.2	25.7	35.4	37.9
120°	1.2	11.0	24.4	33.0	35.4
122.5°	1.2	11.0	23.2	30.5	31.8
125°	1.2	9.8	22.0	28.1	30.5
127.5°	1.2	9.8	20.8	26.9	28.1
130°	1.2	9.8	19.5	24.4	26.9
132.5°	1.2	8.6	18.3	23.2	24.4
135°	1.2	8.6	17.1	22.0	23.2
137.5°	1.2	7.3	15.9	20.8	22.0
140°	1.2	7.3	14.7	19.5	20.8
142.5°	1.2	6.1	13.4	18.3	19.5
145°	1.2	6.1	12.2	17.1	18.3
147.5°	1.2	6.1	11.0	15.9	17.1
150°	1.2	4.9	9.8	14.7	15.9
152.5°	1.2	4.9	8.6	13.4	14.7
155°	1.2	4.9	8.6	12.2	13.4
157.5°	1.2	3.7	7.3	9.8	12.2
160°	1.2	3.7	6.1	8.6	11.0
162.5°	1.2	3.7	6.1	7.3	8.6
165°	1.2	2.4	4.9	6.1	7.3
167.5°	1.2	2.4	3.7	4.9	6.1
170°	1.2	2.4	3.7	3.7	4.9
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



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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)