

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: P566205

Luminaire Tested: **4SNX-26SL-LN-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566205
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-L950-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND LN LENS
Light Source: -
Ballast/Driver: -

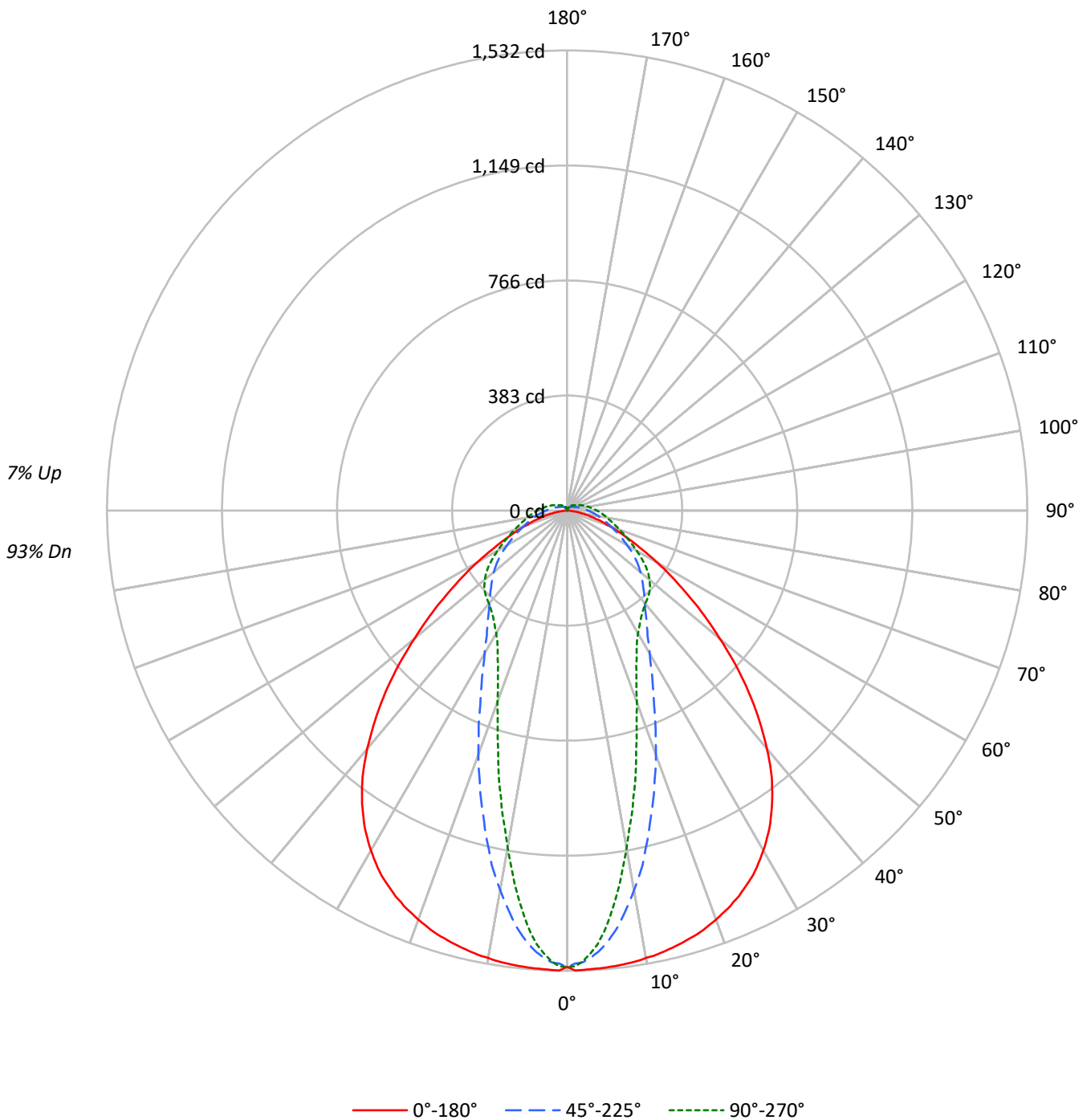
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2421.0 lumens
Efficiency: N/A
Efficacy: 147.6 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

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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	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°	16348	16348	16348
5°	16433	15025	14379
10°	16410	12883	11156
15°	16402	10509	8362
20°	16350	8372	6257
25°	16201	6560	4966
30°	15862	5309	4236
35°	15195	4493	3853
40°	14056	3966	3648
45°	12498	3629	3535
50°	10587	3340	3339
55°	8697	3026	3049
60°	6955	2662	2675
65°	5399	2337	2327
70°	4193	2068	2058
75°	3243	1857	1875
80°	2291	1700	1744
85°	1272	1585	1672



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.5	5.6
10°-20°	315.3	13.0
20°-30°	374.2	15.5
30°-40°	376.5	15.6
40°-50°	350.0	14.5
50°-60°	288.2	11.9
60°-70°	203.1	8.4
70°-80°	132.7	5.5
80°-90°	84.7	3.5
90°-100°	55.5	2.3
100°-110°	37.7	1.6
110°-120°	25.8	1.1
120°-130°	17.9	0.7
130°-140°	12.0	0.5
140°-150°	7.4	0.3
150°-160°	3.9	0.2
160°-170°	1.4	0.1
170°-180°	0.2	0.0
0°-30°	824.0	34.0
0°-40°	1200.5	49.6
0°-60°	1838.6	75.9
0°-90°	2259.1	93.3
90°-120°	119.1	4.9
90°-150°	156.4	6.5
90°-180°	162.0	6.7
0°-180°	2421.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1519	1519	1519	1519	1519	
5°	1526	1506	1452	1424	1408	145
15°	1488	1330	1070	935	884	420
25°	1391	1028	681	572	548	640
35°	1190	695	462	433	430	740
45°	855	458	358	377	387	657
55°	491	301	277	307	317	443
65°	231	181	190	214	222	234
75°	90	94	128	151	157	97
85°	15	43	86	112	117	19
90°	0	29	70	95	99	1
95°	0	22	58	80	84	0
105°	0	15	39	56	61	0
115°	1	13	28	41	43	1
125°	1	10	23	29	32	1
135°	1	9	18	23	24	1
145°	1	6	13	18	19	1
155°	1	5	9	13	14	1
165°	1	2	5	6	8	0
175°	2	2	2	2	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1518.8	1518.8	1518.8	1518.8	1518.8
1°	1531.5	1525.1	1508.6	1520.0	1517.5
2°	1530.2	1523.8	1504.8	1509.9	1501.0
3°	1528.9	1520.0	1490.9	1489.6	1476.9
4°	1527.6	1513.7	1473.1	1457.9	1447.7
5°	1526.4	1506.1	1451.5	1423.6	1408.4
6°	1525.1	1497.2	1423.6	1381.7	1360.2
7°	1522.6	1483.2	1394.4	1337.3	1309.4
8°	1520.0	1470.6	1357.6	1289.1	1254.9
9°	1517.5	1454.1	1320.8	1237.1	1196.5
10°	1512.4	1437.6	1282.8	1183.8	1140.7
11°	1509.9	1418.5	1246.0	1133.0	1082.3
12°	1504.8	1398.2	1206.6	1079.8	1035.3
13°	1499.7	1376.7	1158.4	1034.1	980.8
14°	1494.7	1353.8	1116.6	983.3	933.8
15°	1488.3	1329.7	1069.6	935.1	884.4
16°	1482.0	1301.8	1027.7	885.6	832.3
17°	1475.6	1275.2	988.4	840.0	791.7
18°	1468.0	1248.5	942.7	795.5	748.6
19°	1457.9	1218.1	905.9	754.9	711.8
20°	1449.0	1190.1	864.1	716.9	678.8
21°	1438.8	1155.9	822.2	681.4	643.3
22.5°	1423.6	1107.7	768.9	636.9	601.4
23°	1416.0	1093.7	747.3	620.4	590.0
24°	1405.8	1056.9	711.8	595.1	564.6
25°	1390.6	1027.7	681.4	572.2	548.1
26°	1376.7	992.2	650.9	551.9	527.8
27°	1362.7	958.0	624.3	530.4	510.1
28°	1344.9	922.4	595.1	512.6	494.8
29°	1325.9	889.4	571.0	497.4	483.4
30°	1306.9	852.6	550.7	483.4	472.0
32.5°	1253.6	771.4	498.6	456.8	449.2
35°	1190.1	695.3	461.8	432.7	430.1
37.5°	1119.1	625.5	428.9	413.6	416.2
40°	1035.3	562.1	400.9	399.7	404.8
42.5°	946.5	507.5	379.4	388.3	395.9
45°	855.2	458.0	357.8	376.8	387.0
47.5°	760.0	414.9	338.8	362.9	374.3
50°	663.6	373.0	318.5	346.4	357.8
52.5°	577.3	336.2	298.2	327.4	340.0
55°	491.0	300.7	276.6	307.1	317.2
57.5°	416.2	267.7	253.8	284.2	291.8
60°	346.4	236.0	230.9	258.8	267.7
62.5°	282.9	208.1	209.4	236.0	244.9
65°	230.9	181.4	190.3	214.4	222.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	187.8	156.1	171.3	196.7	203.0
70°	148.5	133.2	156.1	178.9	185.2
72.5°	118.0	112.9	140.8	164.9	170.0
75°	90.1	93.9	128.1	151.0	157.3
77.5°	64.7	78.7	115.5	139.6	144.6
80°	45.7	64.7	105.3	129.4	134.5
82.5°	29.2	53.3	95.2	120.5	125.6
85°	15.2	43.1	86.3	111.7	116.7
87.5°	6.3	35.5	77.4	102.8	107.8
90°	0.0	29.2	69.8	95.2	99.0
92.5°	0.0	25.4	63.4	87.5	91.4
95°	0.0	21.6	58.4	79.9	83.7
97.5°	0.0	20.3	52.0	73.6	77.4
100°	0.0	17.8	46.9	67.2	72.3
102.5°	0.0	16.5	43.1	60.9	66.0
105°	0.0	15.2	39.3	55.8	60.9
107.5°	0.0	14.0	36.8	52.0	55.8
110°	0.0	14.0	33.0	48.2	52.0
112.5°	1.3	12.7	30.5	43.1	46.9
115°	1.3	12.7	27.9	40.6	43.1
117.5°	1.3	12.7	26.6	36.8	39.3
120°	1.3	11.4	25.4	34.3	36.8
122.5°	1.3	11.4	24.1	31.7	33.0
125°	1.3	10.2	22.8	29.2	31.7
127.5°	1.3	10.2	21.6	27.9	29.2
130°	1.3	10.2	20.3	25.4	27.9
132.5°	1.3	8.9	19.0	24.1	25.4
135°	1.3	8.9	17.8	22.8	24.1
137.5°	1.3	7.6	16.5	21.6	22.8
140°	1.3	7.6	15.2	20.3	21.6
142.5°	1.3	6.3	14.0	19.0	20.3
145°	1.3	6.3	12.7	17.8	19.0
147.5°	1.3	6.3	11.4	16.5	17.8
150°	1.3	5.1	10.2	15.2	16.5
152.5°	1.3	5.1	8.9	14.0	15.2
155°	1.3	5.1	8.9	12.7	14.0
157.5°	1.3	3.8	7.6	10.2	12.7
160°	1.3	3.8	6.3	8.9	11.4
162.5°	1.3	3.8	6.3	7.6	8.9
165°	1.3	2.5	5.1	6.3	7.6
167.5°	1.3	2.5	3.8	5.1	6.3
170°	1.3	2.5	3.8	3.8	5.1
172.5°	1.3	2.5	2.5	2.5	2.5
175°	2.5	2.5	2.5	2.5	1.3
177.5°	2.5	2.5	2.5	1.3	1.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.3	1.3	1.3	1.3	1.3

(END OF REPORT)