

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: P566515

Luminaire Tested: **4SNX-48SL-UNV-L935-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566515  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4SNX-48SL-UNV-L935-CD  
Description: 4FT 4800 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

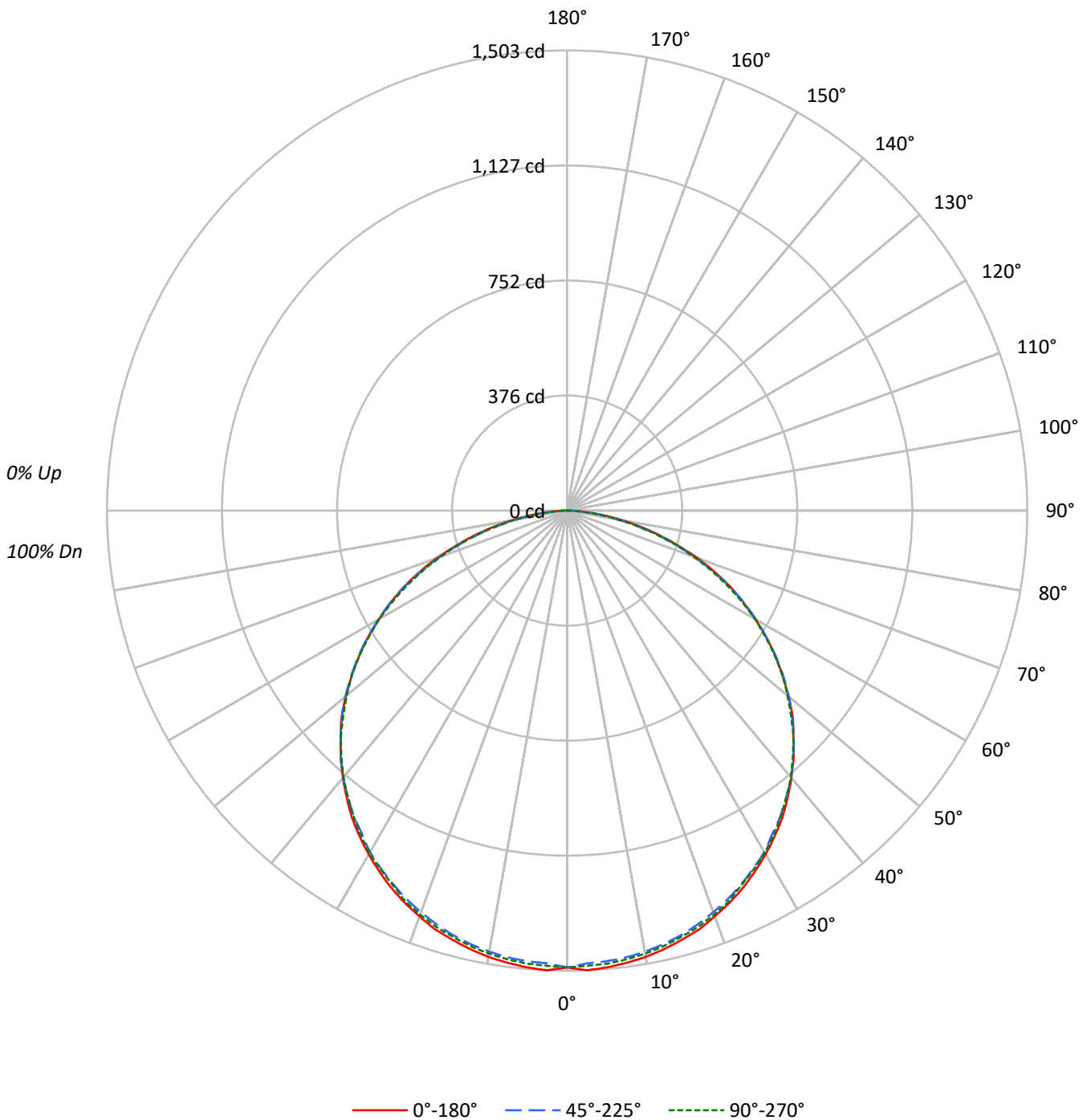
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4462.0 lumens  
Efficiency: N/A  
Efficacy: 139.0 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 32.1  
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: P566515

CATALOG NUMBER: 4SNX-48SL-UNV-L935-CD

### Luminous Intensity Polar Plot





TEST NUMBER: P566515

CATALOG NUMBER: 4SNX-48SL-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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	109	104	99	95	106	101	98	94	97	94	91		93	91	88		90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75		81	77	73		78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62		72	66	61		69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53		64	57	52		61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46		57	50	45		55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40		51	45	39		50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35		47	40	35		45	39	35	33
8	60	46	37	32	58	45	37	31	44	37	31		43	36	31		42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28		39	33	28		38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25		36	30	25		36	30	25	23

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	16063	16063	16063
5°	16183	15966	16052
10°	16179	15988	16062
15°	16166	16001	16061
20°	16157	15987	16079
25°	16146	15986	16018
30°	16113	16012	16046
35°	16101	15977	15994
40°	16010	15990	15972
45°	15914	15935	15914
50°	15798	15843	15731
55°	15589	15640	15565
60°	15283	15341	15255
65°	14971	14869	14663
70°	14235	13939	13769
75°	13005	12560	12614
80°	11232	10401	10649
85°	8448	8126	7287



TEST NUMBER: P566515

CATALOG NUMBER: 4SNX-48SL-UNV-L935-CD

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	141.6	3.2
10°-20°	407.9	9.1
20°-30°	624.2	14.0
30°-40°	763.2	17.1
40°-50°	807.3	18.1
50°-60°	743.8	16.7
60°-70°	573.2	12.8
70°-80°	321.2	7.2
80°-90°	79.8	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1173.7	26.3
0°-40°	1936.8	43.4
0°-60°	3487.9	78.2
0°-90°	4462.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4462.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1492	1492	1492	1492	1492	
5°	1498	1492	1478	1492	1486	142
15°	1451	1448	1436	1448	1441	410
25°	1360	1357	1346	1357	1349	627
35°	1225	1223	1216	1220	1217	766
45°	1045	1049	1047	1045	1045	808
55°	831	837	833	833	829	742
65°	588	588	584	569	576	578
75°	313	309	302	291	303	332
85°	68	64	66	66	59	85
90°	0	0	0	0	0	



TEST NUMBER: P566515

CATALOG NUMBER: 4SNX-48SL-UNV-L935-CD

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1492.3	1492.3	1492.3	1492.3	1492.3
2.5°	1503.0	1496.3	1480.2	1495.0	1488.3
5°	1497.7	1492.3	1477.6	1492.3	1485.6
7.5°	1489.6	1485.6	1472.2	1485.6	1478.9
10°	1480.2	1476.2	1462.8	1476.2	1469.5
12.5°	1466.8	1464.1	1450.7	1464.1	1457.4
15°	1450.7	1448.0	1435.9	1448.0	1441.3
17.5°	1434.6	1429.2	1417.2	1430.6	1425.2
20°	1410.5	1407.8	1395.7	1407.8	1403.7
22.5°	1386.3	1383.6	1372.9	1383.6	1380.9
25°	1359.5	1356.8	1346.0	1356.8	1348.7
27.5°	1328.6	1329.9	1317.9	1324.6	1320.5
30°	1296.4	1296.4	1288.3	1291.0	1291.0
32.5°	1261.5	1261.5	1249.4	1257.5	1256.1
35°	1225.3	1222.6	1215.9	1219.9	1217.2
37.5°	1182.3	1181.0	1176.9	1179.6	1176.9
40°	1139.4	1140.7	1138.0	1136.7	1136.7
42.5°	1095.1	1097.8	1093.7	1092.4	1091.1
45°	1045.4	1049.4	1046.8	1045.4	1045.4
47.5°	999.8	1001.1	997.1	995.8	991.7
50°	943.4	948.8	946.1	943.4	939.4
52.5°	887.1	895.1	889.8	887.1	887.1
55°	830.7	837.4	833.4	833.4	829.4
57.5°	771.7	778.4	773.0	773.0	767.6
60°	709.9	716.6	712.6	708.6	708.6
62.5°	648.2	653.6	652.2	645.5	641.5
65°	587.8	587.8	583.8	569.0	575.7
67.5°	519.4	518.0	512.6	497.9	507.3
70°	452.3	452.3	442.9	425.4	437.5
72.5°	379.8	383.8	371.7	359.7	371.7
75°	312.7	308.7	302.0	291.2	303.3
77.5°	248.3	241.6	233.5	228.1	234.9
80°	181.2	177.1	167.8	167.8	171.8
82.5°	123.5	119.4	112.7	114.1	108.7
85°	68.4	64.4	65.8	65.8	59.0
87.5°	28.2	28.2	28.2	25.5	22.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)