

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: P567141

Luminaire Tested: **4SNX-SL3-UNV-CC83-CD-4000K-MED**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567141  
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-SL3-UNV-CC83-CD-4000K-MED  
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 80CRI, MED LUMEN SETTING, AND NO LENS  
Light Source: -  
Ballast/Driver: -

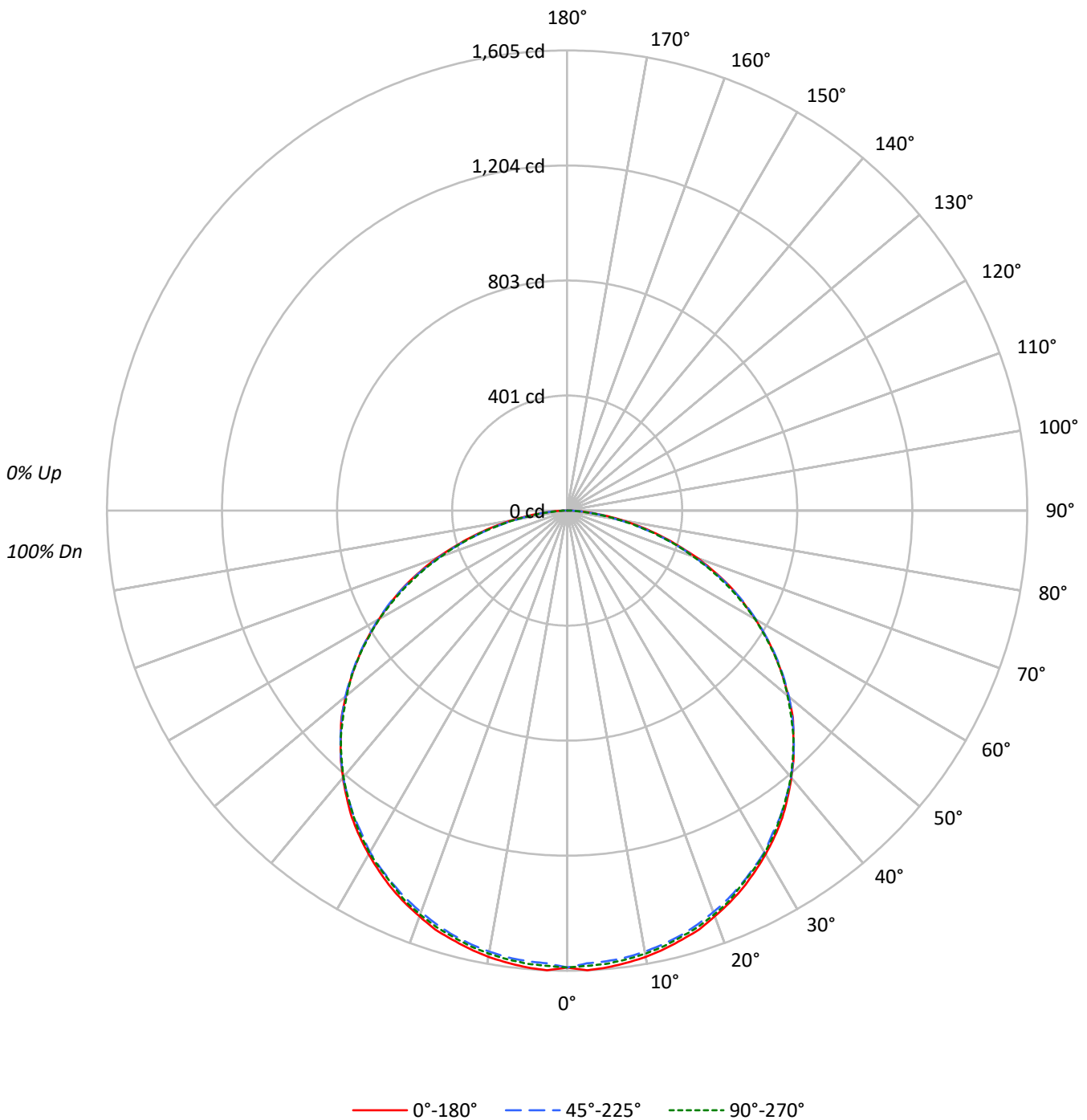
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4765.0 lumens  
Efficiency: N/A  
Efficacy: 147.6 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): 32.274  
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	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°	17154	17154	17154
5°	17282	17049	17142
10°	17278	17074	17152
15°	17264	17089	17152
20°	17253	17073	17172
25°	17243	17072	17106
30°	17207	17100	17136
35°	17194	17061	17081
40°	17096	17077	17057
45°	16994	17016	16994
50°	16871	16920	16799
55°	16648	16702	16621
60°	16320	16383	16290
65°	15987	15878	15659
70°	15201	14883	14704
75°	13886	13412	13471
80°	11994	11102	11368
85°	9028	8670	7793



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	151.2	3.2
10°-20°	435.6	9.1
20°-30°	666.5	14.0
30°-40°	815.0	17.1
40°-50°	862.1	18.1
50°-60°	794.3	16.7
60°-70°	612.1	12.8
70°-80°	343.0	7.2
80°-90°	85.2	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°	1253.4	26.3
0°-40°	2068.3	43.4
0°-60°	3724.7	78.2
0°-90°	4765.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4765.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1594	1594	1594	1594	1594	
5°	1599	1594	1578	1594	1586	152
15°	1549	1546	1534	1546	1539	438
25°	1452	1449	1437	1449	1440	669
35°	1308	1306	1298	1303	1300	818
45°	1116	1121	1118	1116	1116	862
55°	887	894	890	890	886	792
65°	628	628	623	608	615	617
75°	334	330	322	311	324	354
85°	73	69	70	70	63	90
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1593.7	1593.7	1593.7	1593.7	1593.7
2.5°	1605.1	1598.0	1580.8	1596.5	1589.4
5°	1599.4	1593.7	1577.9	1593.7	1586.5
7.5°	1590.8	1586.5	1572.2	1586.5	1579.3
10°	1580.8	1576.5	1562.1	1576.5	1569.3
12.5°	1566.4	1563.6	1549.2	1563.6	1556.4
15°	1549.2	1546.4	1533.5	1546.4	1539.2
17.5°	1532.0	1526.3	1513.4	1527.7	1522.0
20°	1506.2	1503.4	1490.5	1503.4	1499.1
22.5°	1480.4	1477.6	1466.1	1477.6	1474.7
25°	1451.8	1448.9	1437.4	1448.9	1440.3
27.5°	1418.8	1420.2	1407.3	1414.5	1410.2
30°	1384.4	1384.4	1375.8	1378.7	1378.7
32.5°	1347.2	1347.2	1334.3	1342.9	1341.4
35°	1308.5	1305.6	1298.4	1302.7	1299.9
37.5°	1262.6	1261.2	1256.9	1259.7	1256.9
40°	1216.7	1218.2	1215.3	1213.9	1213.9
42.5°	1169.4	1172.3	1168.0	1166.6	1165.1
45°	1116.4	1120.7	1117.8	1116.4	1116.4
47.5°	1067.7	1069.1	1064.8	1063.4	1059.1
50°	1007.5	1013.2	1010.4	1007.5	1003.2
52.5°	947.3	955.9	950.2	947.3	947.3
55°	887.1	894.3	890.0	890.0	885.7
57.5°	824.1	831.2	825.5	825.5	819.8
60°	758.1	765.3	761.0	756.7	756.7
62.5°	692.2	697.9	696.5	689.3	685.0
65°	627.7	627.7	623.4	607.7	614.8
67.5°	554.6	553.2	547.5	531.7	541.7
70°	483.0	483.0	472.9	454.3	467.2
72.5°	405.6	409.9	397.0	384.1	397.0
75°	333.9	329.6	322.5	311.0	323.9
77.5°	265.1	258.0	249.4	243.6	250.8
80°	193.5	189.2	179.1	179.1	183.4
82.5°	131.8	127.5	120.4	121.8	116.1
85°	73.1	68.8	70.2	70.2	63.1
87.5°	30.1	30.1	30.1	27.2	24.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)