

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: P567148

Luminaire Tested: **4SNX-SL3-UNV-CC93-CD-4000K-HI**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567148
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-CC93-CD-4000K-HI
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, HI LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

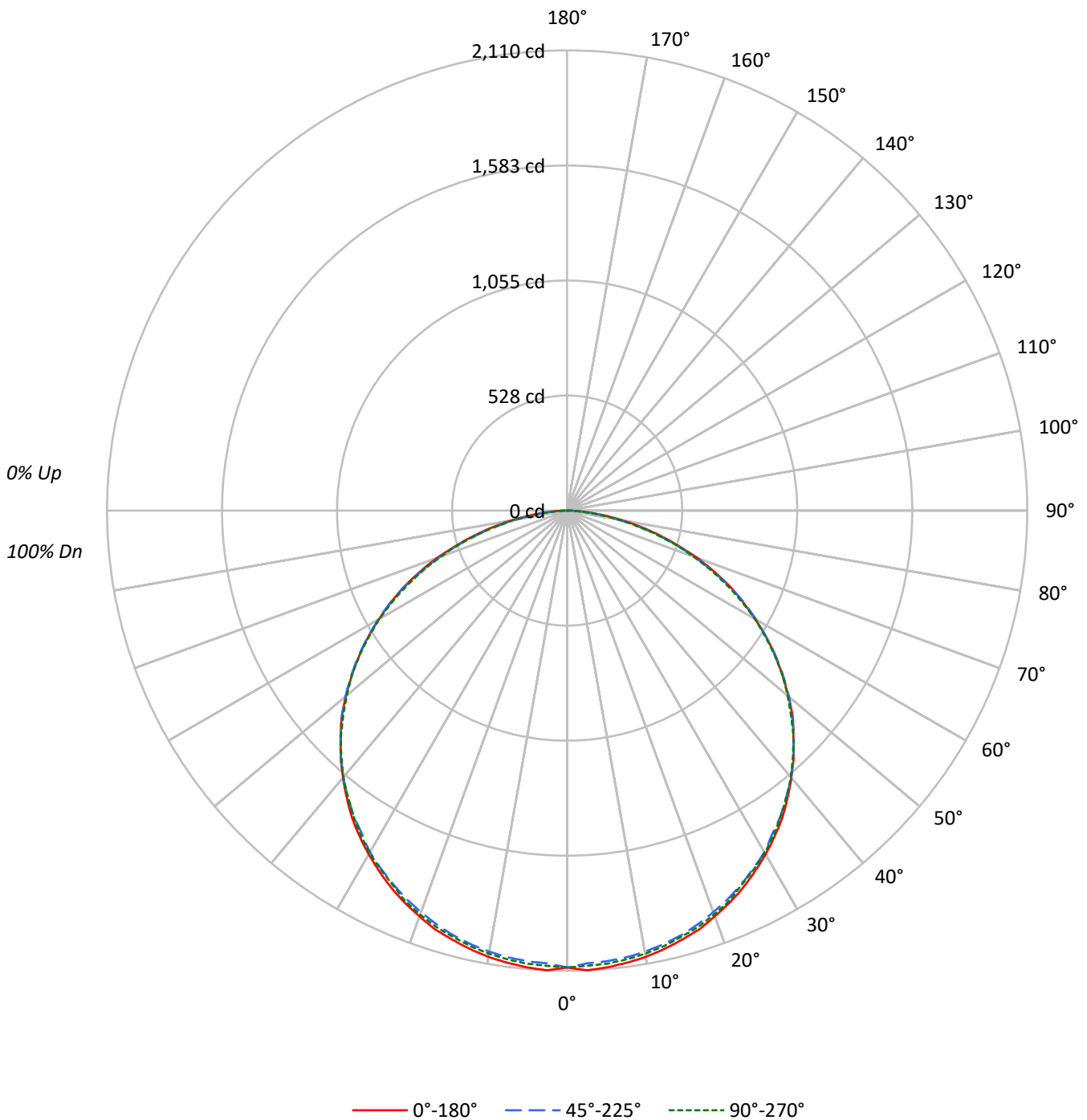
Lumens per Lamp: N/A
Luminaire Lumens: 6264.0 lumens
Efficiency: N/A
Efficacy: 128.1 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 48.9
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°	22550	22550	22550
5°	22718	22413	22535
10°	22712	22445	22549
15°	22695	22464	22548
20°	22681	22443	22573
25°	22667	22442	22487
30°	22620	22479	22526
35°	22603	22429	22454
40°	22475	22448	22422
45°	22341	22369	22341
50°	22178	22242	22084
55°	21885	21957	21850
60°	21455	21536	21414
65°	21018	20872	20585
70°	19981	19566	19330
75°	18257	17629	17708
80°	15763	14598	14945
85°	11869	11399	10238



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.7	3.2
10°-20°	572.7	9.1
20°-30°	876.2	14.0
30°-40°	1071.3	17.1
40°-50°	1133.3	18.1
50°-60°	1044.2	16.7
60°-70°	804.6	12.8
70°-80°	450.8	7.2
80°-90°	112.1	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°	1647.6	26.3
0°-40°	2719.0	43.4
0°-60°	4896.5	78.2
0°-90°	6264.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6264.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2095	2095	2095	2095	2095	
5°	2102	2095	2074	2095	2086	200
15°	2037	2033	2016	2033	2023	575
25°	1908	1905	1890	1905	1893	880
35°	1720	1716	1707	1712	1709	1075
45°	1468	1473	1470	1468	1468	1134
55°	1166	1176	1170	1170	1164	1041
65°	825	825	820	799	808	812
75°	439	433	424	409	426	465
85°	96	90	92	92	83	119
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2095.0	2095.0	2095.0	2095.0	2095.0
2.5°	2110.1	2100.6	2078.0	2098.8	2089.3
5°	2102.5	2095.0	2074.3	2095.0	2085.6
7.5°	2091.2	2085.6	2066.7	2085.6	2076.2
10°	2078.0	2072.4	2053.5	2072.4	2063.0
12.5°	2059.2	2055.4	2036.6	2055.4	2046.0
15°	2036.6	2032.8	2015.9	2032.8	2023.4
17.5°	2014.0	2006.4	1989.5	2008.3	2000.8
20°	1980.1	1976.3	1959.3	1976.3	1970.6
22.5°	1946.2	1942.4	1927.3	1942.4	1938.6
25°	1908.5	1904.7	1889.6	1904.7	1893.4
27.5°	1865.1	1867.0	1850.1	1859.5	1853.8
30°	1819.9	1819.9	1808.6	1812.4	1812.4
32.5°	1770.9	1770.9	1754.0	1765.3	1763.4
35°	1720.1	1716.3	1706.9	1712.5	1708.8
37.5°	1659.8	1657.9	1652.3	1656.0	1652.3
40°	1599.5	1601.4	1597.6	1595.7	1595.7
42.5°	1537.3	1541.1	1535.4	1533.6	1531.7
45°	1467.6	1473.3	1469.5	1467.6	1467.6
47.5°	1403.6	1405.5	1399.8	1397.9	1392.3
50°	1324.4	1332.0	1328.2	1324.4	1318.8
52.5°	1245.3	1256.6	1249.1	1245.3	1245.3
55°	1166.2	1175.6	1170.0	1170.0	1164.3
57.5°	1083.3	1092.7	1085.2	1085.2	1077.6
60°	996.6	1006.0	1000.4	994.7	994.7
62.5°	910.0	917.5	915.6	906.2	900.5
65°	825.2	825.2	819.5	798.8	808.2
67.5°	729.1	727.2	719.7	699.0	712.1
70°	634.9	634.9	621.7	597.2	614.2
72.5°	533.2	538.8	521.9	504.9	521.9
75°	439.0	433.3	423.9	408.8	425.8
77.5°	348.5	339.1	327.8	320.3	329.7
80°	254.3	248.7	235.5	235.5	241.1
82.5°	173.3	167.7	158.3	160.1	152.6
85°	96.1	90.4	92.3	92.3	82.9
87.5°	39.6	39.6	39.6	35.8	32.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)