

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: P565882

Luminaire Tested: **2SNX-SL3-LN-UNV-CC93-CD-4000K-HI**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565882
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-SL3-LN-UNV-CC93-CD-4000K-HI
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, HI LUMEN SETTING, AND LN LENS
Light Source: -
Ballast/Driver: -

Summary

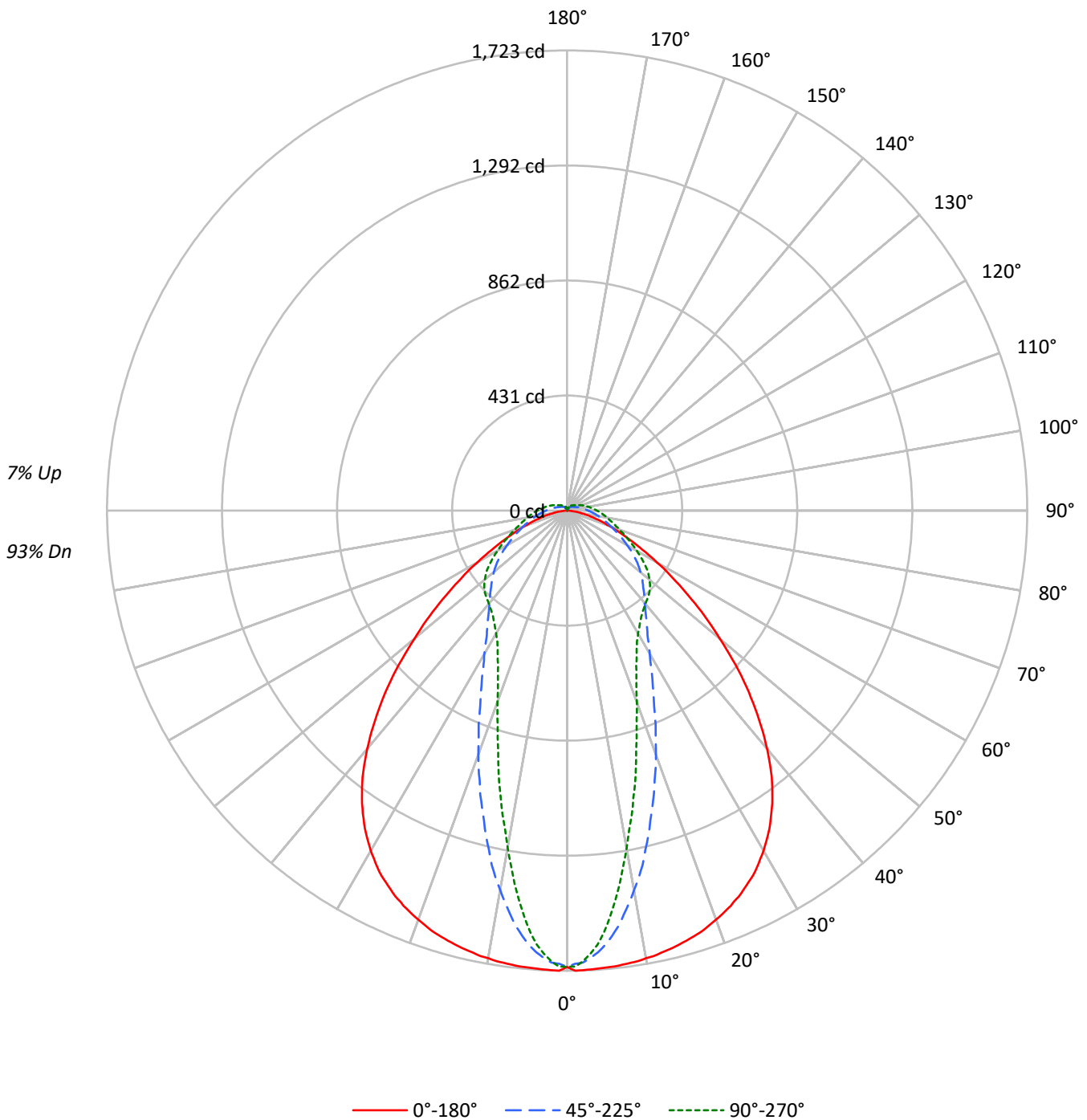
Lumens per Lamp: N/A
Luminaire Lumens: 2723.9 lumens
Efficiency: N/A
Efficacy: 134.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Direct

Input Watts (W): 20.2
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	68	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°	36787	36787	36787
5°	36844	33729	32356
10°	36660	28852	25104
15°	36507	23485	18815
20°	36250	18669	14081
25°	35777	14599	11175
30°	34874	11792	9533
35°	33252	9958	8672
40°	30597	8773	8207
45°	27041	8009	7953
50°	22746	7353	7514
55°	18531	6646	6862
60°	14662	5830	6019
65°	11228	5103	5237
70°	8553	4498	4632
75°	6433	4026	4221
80°	4327	3666	3923
85°	2163	3396	3762



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.3	5.6
10°-20°	354.7	13.0
20°-30°	421.1	15.5
30°-40°	423.6	15.6
40°-50°	393.8	14.5
50°-60°	324.2	11.9
60°-70°	228.5	8.4
70°-80°	149.3	5.5
80°-90°	95.3	3.5
90°-100°	62.5	2.3
100°-110°	42.4	1.6
110°-120°	29.1	1.1
120°-130°	20.1	0.7
130°-140°	13.5	0.5
140°-150°	8.3	0.3
150°-160°	4.3	0.2
160°-170°	1.6	0.1
170°-180°	0.3	0.0
0°-30°	927.1	34.0
0°-40°	1350.7	49.6
0°-60°	2068.7	75.9
0°-90°	2541.8	93.3
90°-120°	134.0	4.9
90°-150°	176.0	6.5
90°-180°	182.0	6.7
0°-180°	2723.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1709	1709	1709	1709	1709	
5°	1717	1695	1633	1602	1585	163
15°	1675	1496	1204	1052	995	473
25°	1565	1156	767	644	617	720
35°	1339	782	520	487	484	833
45°	962	515	403	424	435	739
55°	552	338	311	346	357	499
65°	260	204	214	241	250	264
75°	101	106	144	170	177	110
85°	17	48	97	126	131	22
90°	0	33	78	107	111	1
95°	0	24	66	90	94	0
105°	0	17	44	63	68	0
115°	1	14	31	46	48	1
125°	1	11	26	33	36	1
135°	1	10	20	26	27	1
145°	1	7	14	20	21	1
155°	1	6	10	14	16	1
165°	1	3	6	7	9	0
175°	3	3	3	3	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1708.8	1708.8	1708.8	1708.8	1708.8
1°	1723.1	1716.0	1697.4	1710.3	1707.4
2°	1721.7	1714.6	1693.1	1698.9	1688.9
3°	1720.3	1710.3	1677.4	1676.0	1661.7
4°	1718.8	1703.1	1657.5	1640.3	1628.9
5°	1717.4	1694.6	1633.2	1601.8	1584.6
6°	1716.0	1684.6	1601.8	1554.7	1530.4
7°	1713.1	1668.9	1568.9	1504.7	1473.3
8°	1710.3	1654.6	1527.5	1450.4	1411.9
9°	1707.4	1636.0	1486.1	1391.9	1346.2
10°	1701.7	1617.5	1443.3	1332.0	1283.4
11°	1698.9	1596.1	1401.9	1274.9	1217.7
12°	1693.1	1573.2	1357.7	1214.9	1164.9
13°	1687.4	1549.0	1303.4	1163.5	1103.5
14°	1681.7	1523.3	1256.3	1106.4	1050.7
15°	1674.6	1496.1	1203.5	1052.1	995.0
16°	1667.4	1464.7	1156.4	996.5	936.5
17°	1660.3	1434.7	1112.1	945.1	890.8
18°	1651.7	1404.8	1060.7	895.1	842.3
19°	1640.3	1370.5	1019.3	849.4	800.9
20°	1630.3	1339.1	972.2	806.6	763.8
21°	1618.9	1300.6	925.1	766.6	723.8
22.5°	1601.8	1246.3	865.1	716.7	676.7
23°	1593.2	1230.6	840.9	698.1	663.8
24°	1581.8	1189.2	800.9	669.5	635.3
25°	1564.7	1156.4	766.6	643.9	616.7
26°	1549.0	1116.4	732.4	621.0	593.9
27°	1533.3	1077.8	702.4	596.7	573.9
28°	1513.3	1037.9	669.5	576.8	556.8
29°	1491.9	1000.8	642.4	559.6	543.9
30°	1470.4	959.4	619.6	543.9	531.1
32.5°	1410.5	868.0	561.0	513.9	505.4
35°	1339.1	782.3	519.6	486.8	484.0
37.5°	1259.2	703.8	482.5	465.4	468.3
40°	1164.9	632.4	451.1	449.7	455.4
42.5°	1065.0	571.0	426.9	436.8	445.4
45°	962.2	515.4	402.6	424.0	435.4
47.5°	855.1	466.8	381.2	408.3	421.1
50°	746.6	419.7	358.3	389.7	402.6
52.5°	649.6	378.3	335.5	368.3	382.6
55°	552.5	338.3	311.2	345.5	356.9
57.5°	468.3	301.2	285.5	319.8	328.3
60°	389.7	265.5	259.8	291.2	301.2
62.5°	318.4	234.1	235.6	265.5	275.5
65°	259.8	204.1	214.1	241.3	249.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	211.3	175.6	192.7	221.3	228.4
70°	167.0	149.9	175.6	201.3	208.4
72.5°	132.8	127.1	158.5	185.6	191.3
75°	101.4	105.6	144.2	169.9	177.0
77.5°	72.8	88.5	129.9	157.0	162.7
80°	51.4	72.8	118.5	145.6	151.3
82.5°	32.8	60.0	107.1	135.6	141.3
85°	17.1	48.5	97.1	125.6	131.3
87.5°	7.1	40.0	87.1	115.6	121.3
90°	0.0	32.8	78.5	107.1	111.4
92.5°	0.0	28.6	71.4	98.5	102.8
95°	0.0	24.3	65.7	89.9	94.2
97.5°	0.0	22.8	58.5	82.8	87.1
100°	0.0	20.0	52.8	75.7	81.4
102.5°	0.0	18.6	48.5	68.5	74.2
105°	0.0	17.1	44.3	62.8	68.5
107.5°	0.0	15.7	41.4	58.5	62.8
110°	0.0	15.7	37.1	54.2	58.5
112.5°	1.4	14.3	34.3	48.5	52.8
115°	1.4	14.3	31.4	45.7	48.5
117.5°	1.4	14.3	30.0	41.4	44.3
120°	1.4	12.8	28.6	38.5	41.4
122.5°	1.4	12.8	27.1	35.7	37.1
125°	1.4	11.4	25.7	32.8	35.7
127.5°	1.4	11.4	24.3	31.4	32.8
130°	1.4	11.4	22.8	28.6	31.4
132.5°	1.4	10.0	21.4	27.1	28.6
135°	1.4	10.0	20.0	25.7	27.1
137.5°	1.4	8.6	18.6	24.3	25.7
140°	1.4	8.6	17.1	22.8	24.3
142.5°	1.4	7.1	15.7	21.4	22.8
145°	1.4	7.1	14.3	20.0	21.4
147.5°	1.4	7.1	12.8	18.6	20.0
150°	1.4	5.7	11.4	17.1	18.6
152.5°	1.4	5.7	10.0	15.7	17.1
155°	1.4	5.7	10.0	14.3	15.7
157.5°	1.4	4.3	8.6	11.4	14.3
160°	1.4	4.3	7.1	10.0	12.8
162.5°	1.4	4.3	7.1	8.6	10.0
165°	1.4	2.9	5.7	7.1	8.6
167.5°	1.4	2.9	4.3	5.7	7.1
170°	1.4	2.9	4.3	4.3	5.7
172.5°	1.4	2.9	2.9	2.9	2.9
175°	2.9	2.9	2.9	2.9	1.4
177.5°	2.9	2.9	2.9	1.4	1.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.4	1.4	1.4	1.4	1.4

(END OF REPORT)