

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: P565864

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565864
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2205-663-1)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNX-SL3-LC-UNV-CC93-CD-4000K-HI
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, HI LUMEN SETTING, AND LC LENS
Light Source: -
Ballast/Driver: -

Summary

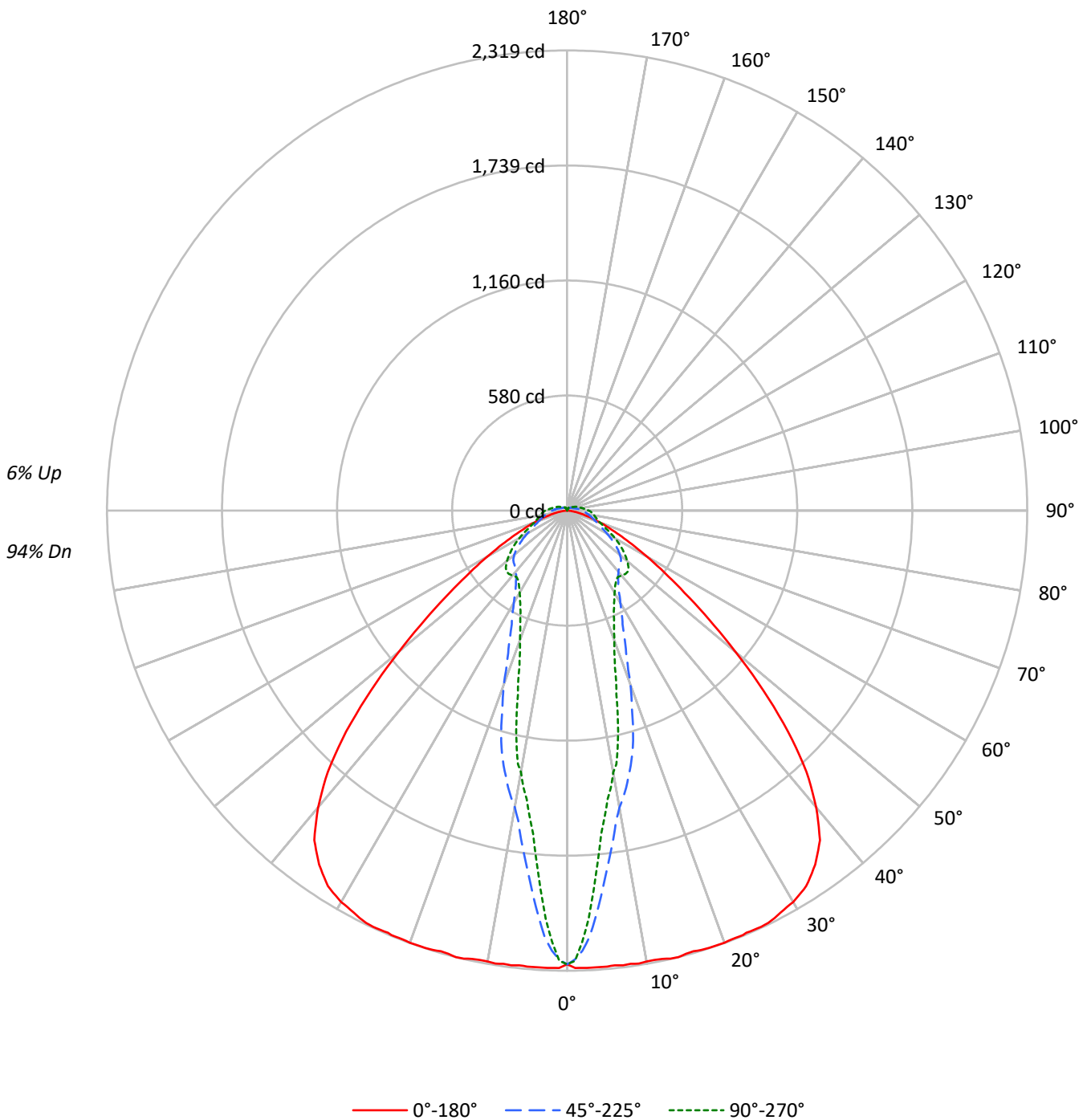
Lumens per Lamp: N/A
Luminaire Lumens: 2818.9 lumens
Efficiency: N/A
Efficacy: 139.6 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Direct

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	0
RCR																		
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	108	103	99	96	105	101	97	94	95	92	90	90	88	86	86	84	82	80
2	99	92	86	80	96	89	84	79	85	80	76	81	77	74	77	74	71	69
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	70	66	62	60
4	85	74	66	60	82	72	65	59	69	63	58	66	61	56	63	59	55	53
5	79	67	59	53	76	66	58	52	63	56	51	60	55	50	58	53	49	47
6	73	61	53	47	71	60	52	47	58	51	46	56	50	45	53	48	44	42
7	69	56	48	43	67	55	48	42	53	46	42	51	45	41	50	44	40	38
8	64	52	44	39	63	51	44	39	49	43	38	48	42	37	46	41	37	35
9	61	48	41	36	59	47	40	35	46	39	35	44	39	34	43	38	34	32
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	40	35	31	30

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	49232	49232	49232
5°	49496	40337	36195
10°	49703	30382	26195
15°	50422	24781	18140
20°	51523	17893	12811
25°	52918	12794	10078
30°	54032	10201	8583
35°	54098	8610	7688
40°	51303	7810	7706
45°	44254	7530	7917
50°	33713	7145	7387
55°	24227	6232	6554
60°	17394	5186	5543
65°	12485	4373	4543
70°	9024	3848	3917
75°	6230	3548	3651
80°	3889	3307	3597
85°	1645	3134	3602



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.8	6.4
10°-20°	390.5	13.9
20°-30°	447.0	15.9
30°-40°	447.8	15.9
40°-50°	423.9	15.0
50°-60°	325.1	11.5
60°-70°	209.6	7.4
70°-80°	133.6	4.7
80°-90°	88.7	3.1
90°-100°	59.6	2.1
100°-110°	39.3	1.4
110°-120°	27.3	1.0
120°-130°	19.1	0.7
130°-140°	13.2	0.5
140°-150°	8.1	0.3
150°-160°	4.1	0.1
160°-170°	1.6	0.1
170°-180°	0.3	0.0
0°-30°	1017.4	36.1
0°-40°	1465.3	52.0
0°-60°	2214.3	78.6
0°-90°	2646.3	93.9
90°-120°	126.3	4.5
90°-150°	166.7	5.9
90°-180°	173.0	6.1
0°-180°	2818.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2287	2287	2287	2287	2287	
5°	2307	2180	1953	1822	1773	220
15°	2313	1666	1270	1043	959	656
25°	2314	1179	672	584	556	1067
35°	2179	656	449	435	429	1352
45°	1575	415	378	419	433	1197
55°	722	296	292	328	341	664
65°	289	186	184	210	217	297
75°	98	101	127	146	153	108
85°	13	46	90	117	126	18
90°	0	32	75	104	108	1
95°	0	23	62	85	90	0
105°	0	17	40	58	62	1
115°	1	14	30	42	45	1
125°	1	13	26	30	32	1
135°	1	10	20	25	26	1
145°	1	7	14	19	20	1
155°	1	4	9	13	14	1
165°	3	3	6	7	9	1
175°	3	3	3	3	1	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2286.9	2286.9	2286.9	2286.9	2286.9
1°	2305.7	2292.7	2262.4	2271.0	2269.6
2°	2305.7	2278.2	2219.0	2201.7	2175.7
3°	2307.1	2253.7	2152.6	2096.2	2060.1
4°	2307.1	2217.6	2054.3	1960.4	1914.2
5°	2307.1	2180.0	1953.2	1821.7	1772.6
6°	2304.2	2135.2	1850.6	1711.9	1638.3
7°	2308.6	2086.1	1758.2	1609.4	1551.6
8°	2307.1	2028.3	1672.9	1531.3	1467.8
9°	2311.5	1972.0	1580.5	1457.7	1410.0
10°	2307.1	1920.0	1519.8	1388.3	1339.2
11°	2307.1	1869.4	1476.5	1343.5	1301.6
12°	2310.0	1811.6	1428.8	1280.0	1222.2
13°	2317.2	1752.4	1373.9	1210.6	1142.7
14°	2318.7	1707.6	1323.3	1122.5	1051.7
15°	2312.9	1665.7	1269.9	1043.1	959.3
16°	2310.0	1622.4	1206.3	967.9	892.8
17°	2315.8	1571.8	1134.1	891.4	822.0
18°	2317.2	1525.6	1057.5	833.6	772.9
19°	2317.2	1489.5	995.4	780.1	728.1
20°	2317.2	1454.8	931.8	739.7	694.9
21°	2314.4	1411.4	859.6	697.8	660.2
22.5°	2315.8	1330.5	777.2	648.7	618.3
23°	2311.5	1310.3	757.0	635.7	603.9
24°	2312.9	1252.5	713.7	609.6	579.3
25°	2314.4	1178.8	671.8	583.6	556.2
26°	2311.5	1119.6	637.1	559.1	540.3
27°	2304.2	1071.9	612.5	538.9	521.5
28°	2294.1	1008.4	586.5	521.5	505.6
29°	2284.0	936.1	560.5	502.7	491.2
30°	2278.2	878.4	536.0	488.3	478.2
32.5°	2243.6	764.2	485.4	459.4	450.7
35°	2178.6	655.9	449.3	434.8	429.1
37.5°	2093.3	572.1	421.8	419.0	420.4
40°	1953.2	505.6	401.6	414.6	427.6
42.5°	1785.6	453.6	387.2	419.0	433.4
45°	1574.7	414.6	378.5	419.0	433.4
47.5°	1340.7	382.8	368.4	404.5	419.0
50°	1106.6	353.9	348.2	382.8	395.8
52.5°	900.0	326.5	322.2	355.4	368.4
55°	722.3	296.2	291.8	327.9	340.9
57.5°	579.3	267.3	262.9	296.2	309.2
60°	462.3	238.4	231.1	264.4	277.4
62.5°	368.4	210.9	206.6	235.5	247.0
65°	288.9	186.4	183.5	209.5	216.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	228.3	163.2	164.7	186.4	195.0
70°	176.2	141.6	150.2	170.5	176.2
72.5°	132.9	119.9	138.7	156.0	163.2
75°	98.2	101.1	127.1	145.9	153.1
77.5°	67.9	83.8	117.0	137.2	144.5
80°	46.2	67.9	106.9	130.0	138.7
82.5°	27.4	56.3	98.2	122.8	132.9
85°	13.0	46.2	89.6	117.0	125.7
87.5°	4.3	37.6	80.9	111.2	118.5
90°	0.0	31.8	75.1	104.0	108.4
92.5°	0.0	27.4	67.9	95.3	98.2
95°	0.0	23.1	62.1	85.2	89.6
97.5°	0.0	21.7	57.8	76.6	82.3
100°	0.0	20.2	52.0	69.3	75.1
102.5°	0.0	17.3	46.2	62.1	67.9
105°	0.0	17.3	40.5	57.8	62.1
107.5°	1.4	15.9	37.6	52.0	57.8
110°	1.4	15.9	33.2	49.1	53.5
112.5°	1.4	15.9	31.8	44.8	50.6
115°	1.4	14.4	30.3	41.9	44.8
117.5°	1.4	14.4	28.9	37.6	40.5
120°	1.4	13.0	27.4	34.7	36.1
122.5°	1.4	13.0	26.0	31.8	33.2
125°	1.4	13.0	26.0	30.3	31.8
127.5°	1.4	11.6	24.6	28.9	28.9
130°	1.4	11.6	23.1	27.4	27.4
132.5°	1.4	10.1	21.7	26.0	27.4
135°	1.4	10.1	20.2	24.6	26.0
137.5°	1.4	8.7	18.8	23.1	24.6
140°	1.4	8.7	17.3	21.7	23.1
142.5°	1.4	7.2	15.9	20.2	21.7
145°	1.4	7.2	14.4	18.8	20.2
147.5°	1.4	7.2	13.0	17.3	18.8
150°	1.4	5.8	11.6	15.9	17.3
152.5°	1.4	5.8	10.1	14.4	15.9
155°	1.4	4.3	8.7	13.0	14.4
157.5°	1.4	4.3	8.7	11.6	13.0
160°	2.9	4.3	7.2	10.1	11.6
162.5°	1.4	2.9	7.2	8.7	10.1
165°	2.9	2.9	5.8	7.2	8.7
167.5°	2.9	2.9	4.3	5.8	7.2
170°	2.9	2.9	4.3	4.3	5.8
172.5°	2.9	2.9	2.9	4.3	2.9
175°	2.9	2.9	2.9	2.9	1.4
177.5°	2.9	2.9	2.9	2.9	1.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.9	2.9	2.9	2.9	2.9

(END OF REPORT)