

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: P565885

Luminaire Tested: **2SNX-SL3-LN-UNV-CC93-CD-5000K-HI**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565885
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-5000K-HI
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, HI LUMEN SETTING, AND LN LENS
Light Source: -
Ballast/Driver: -

Summary

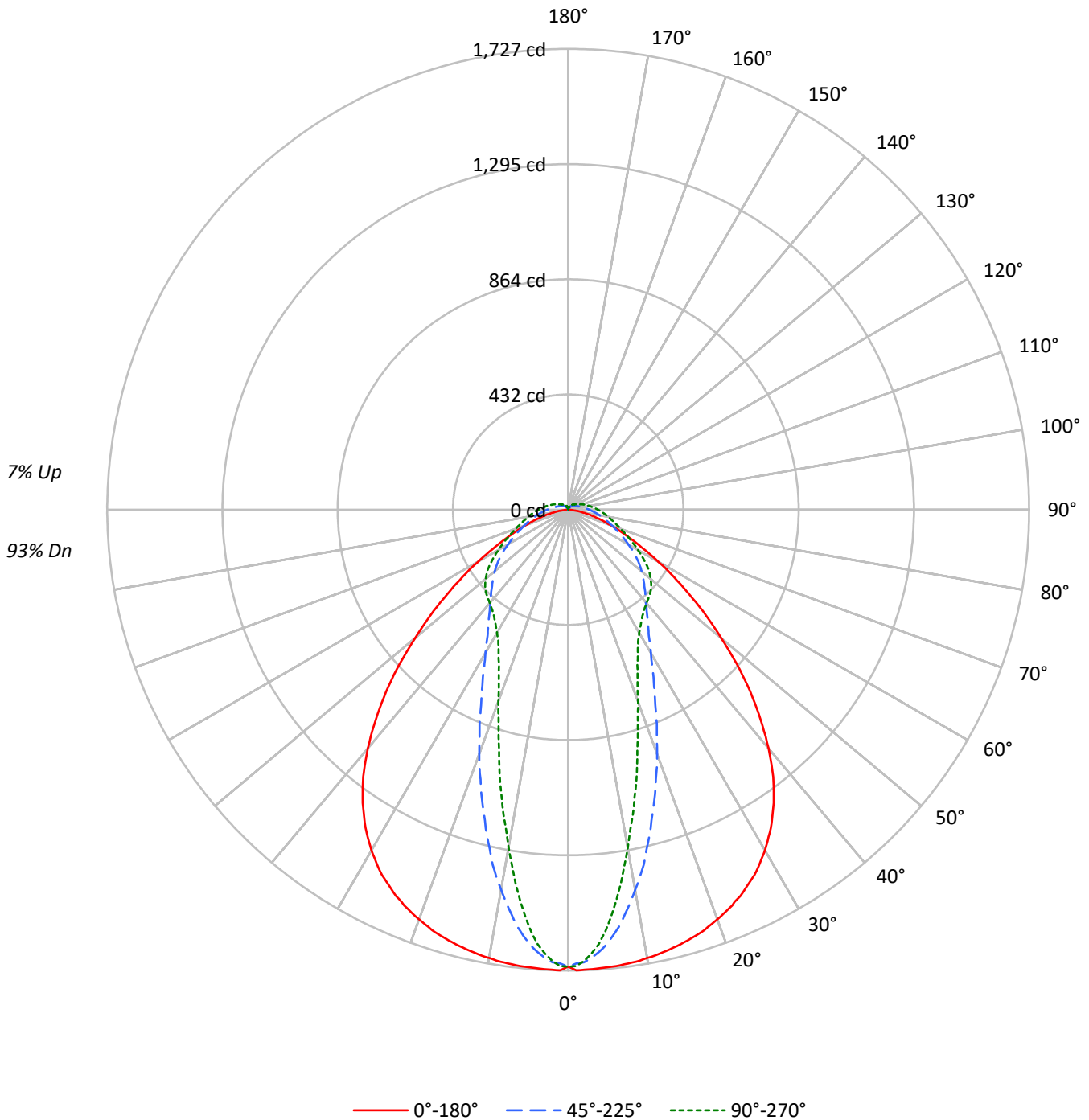
Lumens per Lamp: N/A
Luminaire Lumens: 2730.0 lumens
Efficiency: N/A
Efficacy: 135.1 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Direct

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	67	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°	36869	36869	36869
5°	36926	33803	32428
10°	36742	28916	25159
15°	36588	23536	18856
20°	36330	18709	14113
25°	35854	14631	11200
30°	34952	11816	9553
35°	33324	9981	8690
40°	30665	8792	8225
45°	27100	8027	7972
50°	22797	7369	7531
55°	18572	6661	6877
60°	14696	5844	6033
65°	11253	5115	5250
70°	8574	4509	4643
75°	6446	4034	4230
80°	4336	3675	3934
85°	2176	3403	3771



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.7	5.6
10°-20°	355.5	13.0
20°-30°	422.0	15.5
30°-40°	424.6	15.6
40°-50°	394.6	14.5
50°-60°	325.0	11.9
60°-70°	229.0	8.4
70°-80°	149.6	5.5
80°-90°	95.5	3.5
90°-100°	62.6	2.3
100°-110°	42.5	1.6
110°-120°	29.1	1.1
120°-130°	20.2	0.7
130°-140°	13.6	0.5
140°-150°	8.4	0.3
150°-160°	4.3	0.2
160°-170°	1.6	0.1
170°-180°	0.3	0.0
0°-30°	929.1	34.0
0°-40°	1353.7	49.6
0°-60°	2073.3	75.9
0°-90°	2547.4	93.3
90°-120°	134.3	4.9
90°-150°	176.4	6.5
90°-180°	183.0	6.7
0°-180°	2730.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1713	1713	1713	1713	1713	
5°	1721	1698	1637	1605	1588	164
15°	1678	1499	1206	1054	997	474
25°	1568	1159	768	645	618	722
35°	1342	784	521	488	485	835
45°	964	516	404	425	436	740
55°	554	339	312	346	358	500
65°	260	205	215	242	250	264
75°	102	106	144	170	177	110
85°	17	49	97	126	132	22
90°	0	33	79	107	112	1
95°	0	24	66	90	94	0
105°	0	17	44	63	69	0
115°	1	14	32	46	49	1
125°	1	11	26	33	36	1
135°	1	10	20	26	27	1
145°	1	7	14	20	22	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°	1712.6	1712.6	1712.6	1712.6	1712.6
1°	1726.9	1719.8	1701.2	1714.0	1711.2
2°	1725.5	1718.3	1696.9	1702.6	1692.6
3°	1724.1	1714.0	1681.1	1679.7	1665.4
4°	1722.6	1706.9	1661.1	1643.9	1632.5
5°	1721.2	1698.3	1636.8	1605.3	1588.1
6°	1719.8	1688.3	1605.3	1558.1	1533.8
7°	1716.9	1672.5	1572.4	1508.0	1476.5
8°	1714.0	1658.2	1530.9	1453.6	1415.0
9°	1711.2	1639.6	1489.4	1395.0	1349.2
10°	1705.5	1621.0	1446.5	1334.9	1286.2
11°	1702.6	1599.6	1405.0	1277.7	1220.4
12°	1696.9	1576.7	1360.6	1217.6	1167.5
13°	1691.1	1552.4	1306.3	1166.1	1106.0
14°	1685.4	1526.6	1259.1	1108.8	1053.0
15°	1678.3	1499.4	1206.1	1054.5	997.2
16°	1671.1	1468.0	1158.9	998.7	938.6
17°	1664.0	1437.9	1114.6	947.2	892.8
18°	1655.4	1407.9	1063.0	897.1	844.1
19°	1643.9	1373.5	1021.6	851.3	802.7
20°	1633.9	1342.0	974.3	808.4	765.5
21°	1622.5	1303.4	927.1	768.3	725.4
22.5°	1605.3	1249.0	867.0	718.2	678.2
23°	1596.7	1233.3	842.7	699.6	665.3
24°	1585.3	1191.8	802.7	671.0	636.7
25°	1568.1	1158.9	768.3	645.3	618.1
26°	1552.4	1118.8	734.0	622.4	595.2
27°	1536.6	1080.2	703.9	598.1	575.2
28°	1516.6	1040.2	671.0	578.0	558.0
29°	1495.1	1003.0	643.8	560.9	545.1
30°	1473.7	961.5	620.9	545.1	532.2
32.5°	1413.6	869.9	562.3	515.1	506.5
35°	1342.0	784.1	520.8	487.9	485.0
37.5°	1261.9	705.4	483.6	466.4	469.3
40°	1167.5	633.8	452.1	450.7	456.4
42.5°	1067.3	572.3	427.8	437.8	446.4
45°	964.3	516.5	403.5	424.9	436.4
47.5°	857.0	467.9	382.0	409.2	422.1
50°	748.3	420.6	359.1	390.6	403.5
52.5°	651.0	379.1	336.2	369.1	383.4
55°	553.7	339.1	311.9	346.2	357.7
57.5°	469.3	301.9	286.2	320.5	329.1
60°	390.6	266.1	260.4	291.9	301.9
62.5°	319.1	234.6	236.1	266.1	276.1
65°	260.4	204.6	214.6	241.8	250.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	211.8	176.0	193.2	221.8	228.9
70°	167.4	150.2	176.0	201.7	208.9
72.5°	133.1	127.3	158.8	186.0	191.7
75°	101.6	105.9	144.5	170.3	177.4
77.5°	73.0	88.7	130.2	157.4	163.1
80°	51.5	73.0	118.8	145.9	151.7
82.5°	32.9	60.1	107.3	135.9	141.6
85°	17.2	48.6	97.3	125.9	131.6
87.5°	7.2	40.1	87.3	115.9	121.6
90°	0.0	32.9	78.7	107.3	111.6
92.5°	0.0	28.6	71.5	98.7	103.0
95°	0.0	24.3	65.8	90.1	94.4
97.5°	0.0	22.9	58.7	83.0	87.3
100°	0.0	20.0	52.9	75.8	81.6
102.5°	0.0	18.6	48.6	68.7	74.4
105°	0.0	17.2	44.4	63.0	68.7
107.5°	0.0	15.7	41.5	58.7	63.0
110°	0.0	15.7	37.2	54.4	58.7
112.5°	1.4	14.3	34.3	48.6	52.9
115°	1.4	14.3	31.5	45.8	48.6
117.5°	1.4	14.3	30.0	41.5	44.4
120°	1.4	12.9	28.6	38.6	41.5
122.5°	1.4	12.9	27.2	35.8	37.2
125°	1.4	11.4	25.8	32.9	35.8
127.5°	1.4	11.4	24.3	31.5	32.9
130°	1.4	11.4	22.9	28.6	31.5
132.5°	1.4	10.0	21.5	27.2	28.6
135°	1.4	10.0	20.0	25.8	27.2
137.5°	1.4	8.6	18.6	24.3	25.8
140°	1.4	8.6	17.2	22.9	24.3
142.5°	1.4	7.2	15.7	21.5	22.9
145°	1.4	7.2	14.3	20.0	21.5
147.5°	1.4	7.2	12.9	18.6	20.0
150°	1.4	5.7	11.4	17.2	18.6
152.5°	1.4	5.7	10.0	15.7	17.2
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	7.2	10.0	12.9
162.5°	1.4	4.3	7.2	8.6	10.0
165°	1.4	2.9	5.7	7.2	8.6
167.5°	1.4	2.9	4.3	5.7	7.2
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)