

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: P567121

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567121
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-SL3-SLW-UNV-CC83-CD-4000K-HI
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 80CRI, HI LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

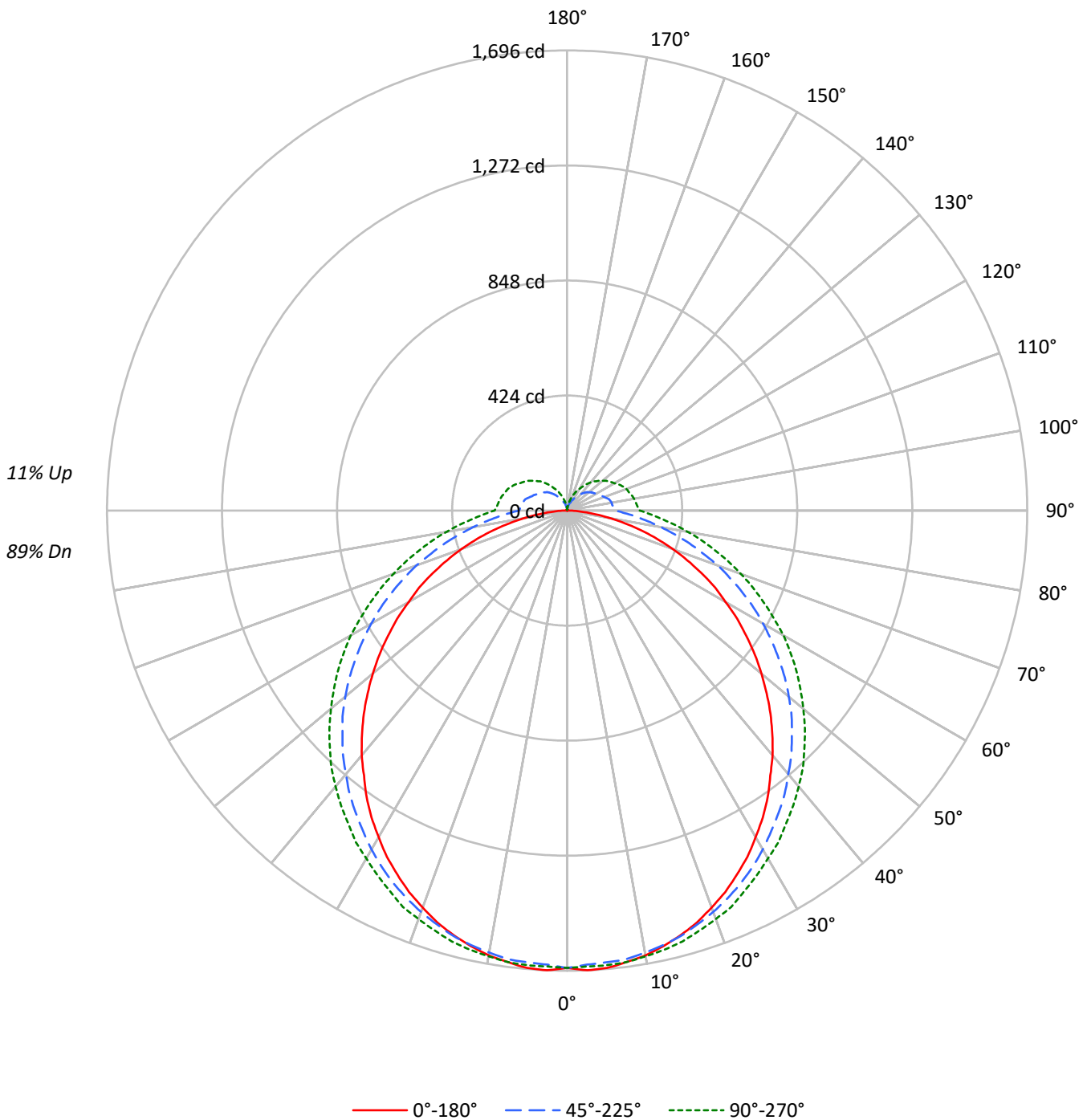
Lumens per Lamp: N/A
Luminaire Lumens: 6000.1 lumens
Efficiency: N/A
Efficacy: 122.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	100	95	90	101	96	92	88	90	86	83	84	81	79	79	76	74	71
2	95	86	79	73	91	83	76	71	78	72	68	73	68	64	68	65	61	58
3	86	75	67	60	83	73	65	59	68	61	56	64	58	54	60	55	51	49
4	79	66	57	50	75	64	56	49	60	53	47	57	50	46	53	48	44	41
5	72	59	50	43	69	57	49	42	54	46	41	51	44	39	48	42	38	35
6	67	53	44	37	64	51	43	37	48	41	35	46	39	34	43	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	39	34	29	27
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	30	26	24
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	24	22
10	50	37	29	24	48	36	28	23	34	27	23	32	26	22	31	25	21	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	18142	18142	18142
5°	18253	17675	17660
10°	18128	17318	17223
15°	17946	16952	16820
20°	17699	16531	16372
25°	17414	16119	15904
30°	17072	15669	15440
35°	16699	15200	15005
40°	16271	14738	14589
45°	15806	14268	14138
50°	15276	13771	13635
55°	14694	13176	13139
60°	14011	12538	12587
65°	13304	11821	11891
70°	12312	11033	11210
75°	11001	10030	10457
80°	8868	9011	9715
85°	6249	8136	8951



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.1	2.7
10°-20°	460.1	7.7
20°-30°	699.6	11.7
30°-40°	849.3	14.2
40°-50°	897.5	15.0
50°-60°	839.8	14.0
60°-70°	689.1	11.5
70°-80°	473.9	7.9
80°-90°	259.6	4.3
90°-100°	167.1	2.8
100°-110°	150.0	2.5
110°-120°	124.1	2.1
120°-130°	95.6	1.6
130°-140°	67.2	1.1
140°-150°	40.5	0.7
150°-160°	19.4	0.3
160°-170°	6.4	0.1
170°-180°	0.8	0.0
0°-30°	1319.9	22.0
0°-40°	2169.2	36.2
0°-60°	3906.5	65.1
0°-90°	5329.0	88.8
90°-120°	441.3	7.4
90°-150°	644.5	10.7
90°-180°	671.0	11.2
0°-180°	6000.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1685	1685	1685	1685	1685	
5°	1692	1689	1672	1685	1682	160
15°	1619	1626	1623	1644	1644	457
25°	1480	1498	1515	1546	1546	682
35°	1289	1320	1359	1397	1407	805
45°	1060	1109	1171	1223	1237	817
55°	806	872	952	1011	1032	721
65°	546	619	712	778	799	540
75°	285	361	466	539	563	300
85°	63	149	254	323	348	72
90°	0	83	177	243	268	4
95°	0	80	170	233	257	0
105°	0	66	160	219	240	2
115°	4	59	136	195	219	3
125°	4	49	115	167	188	3
135°	4	38	94	136	153	3
145°	4	28	66	104	115	2
155°	4	17	42	66	76	2
165°	4	10	21	31	38	1
175°	4	4	7	7	4	0
180°	4	4	4	4	4	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1685.4	1685.4	1685.4	1685.4	1685.4
2.5°	1695.8	1692.4	1675.0	1688.9	1681.9
5°	1692.4	1688.9	1671.5	1685.4	1681.9
7.5°	1678.5	1678.5	1668.0	1681.9	1678.5
10°	1664.6	1664.6	1654.1	1671.5	1668.0
12.5°	1643.7	1647.2	1640.2	1661.1	1657.6
15°	1619.4	1626.3	1622.9	1643.7	1643.7
17.5°	1591.6	1598.5	1598.5	1622.9	1622.9
20°	1556.8	1567.3	1574.2	1602.0	1602.0
22.5°	1522.1	1536.0	1546.4	1570.7	1581.2
25°	1480.4	1497.8	1515.1	1546.4	1546.4
27.5°	1438.7	1459.5	1480.4	1511.7	1515.1
30°	1390.0	1414.4	1442.2	1473.4	1480.4
32.5°	1341.4	1372.7	1400.5	1438.7	1449.1
35°	1289.3	1320.5	1358.8	1397.0	1407.4
37.5°	1230.2	1268.4	1317.1	1358.8	1369.2
40°	1178.1	1219.8	1268.4	1317.1	1327.5
42.5°	1119.0	1164.2	1223.2	1268.4	1285.8
45°	1059.9	1108.6	1171.1	1223.2	1237.1
47.5°	997.3	1052.9	1122.5	1171.1	1188.5
50°	934.8	993.9	1066.8	1122.5	1136.4
52.5°	872.2	934.8	1011.2	1066.8	1084.2
55°	806.2	872.2	952.2	1011.2	1032.1
57.5°	743.7	809.7	893.1	955.6	976.5
60°	674.2	750.6	834.0	896.6	920.9
62.5°	615.1	684.6	774.9	837.5	858.3
65°	545.6	618.6	712.4	778.4	799.3
67.5°	479.6	556.0	649.8	719.3	740.2
70°	413.5	490.0	590.8	656.8	681.1
72.5°	347.5	427.4	524.7	597.7	622.0
75°	285.0	361.4	465.7	538.6	563.0
77.5°	218.9	302.3	406.6	479.6	507.4
80°	159.9	246.7	351.0	424.0	451.8
82.5°	107.7	194.6	298.9	371.8	399.6
85°	62.6	149.4	253.7	323.2	347.5
87.5°	31.3	114.7	212.0	281.5	305.8
90°	0.0	83.4	177.2	243.3	267.6
92.5°	0.0	79.9	173.8	236.3	260.6
95°	0.0	79.9	170.3	232.8	257.2
97.5°	0.0	76.5	166.8	232.8	253.7
100°	0.0	73.0	166.8	229.4	250.2
102.5°	0.0	69.5	163.3	225.9	246.7
105°	0.0	66.0	159.9	218.9	239.8
107.5°	3.5	66.0	152.9	215.5	236.3
110°	3.5	62.6	146.0	212.0	232.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	3.5	59.1	139.0	205.0	225.9
115°	3.5	59.1	135.5	194.6	218.9
117.5°	3.5	55.6	128.6	187.7	212.0
120°	3.5	55.6	125.1	180.7	201.6
122.5°	3.5	52.1	118.2	173.8	194.6
125°	3.5	48.7	114.7	166.8	187.7
127.5°	3.5	45.2	111.2	159.9	180.7
130°	3.5	41.7	104.3	152.9	170.3
132.5°	3.5	41.7	100.8	142.5	163.3
135°	3.5	38.2	93.8	135.5	152.9
137.5°	3.5	34.8	86.9	128.6	146.0
140°	3.5	31.3	79.9	121.6	135.5
142.5°	3.5	31.3	73.0	111.2	125.1
145°	3.5	27.8	66.0	104.3	114.7
147.5°	3.5	24.3	59.1	93.8	104.3
150°	3.5	24.3	52.1	83.4	93.8
152.5°	3.5	20.9	45.2	76.5	86.9
155°	3.5	17.4	41.7	66.0	76.5
157.5°	3.5	17.4	34.8	55.6	66.0
160°	3.5	13.9	31.3	45.2	55.6
162.5°	3.5	13.9	27.8	38.2	48.7
165°	3.5	10.4	20.9	31.3	38.2
167.5°	3.5	10.4	17.4	24.3	31.3
170°	3.5	7.0	13.9	17.4	24.3
172.5°	3.5	7.0	10.4	10.4	10.4
175°	3.5	3.5	7.0	7.0	3.5
177.5°	3.5	3.5	3.5	3.5	3.5
180°	3.5	3.5	3.5	3.5	3.5

(END OF REPORT)