

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: P567065

Luminaire Tested: **4SNX-SL3-LC-UNV-CC83-CD-3500K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567065
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: 4SNX-SL3-LC-UNV-CC83-CD-3500K-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 80CRI, LOW LUMEN SETTING, AND LC LENS
Light Source: -
Ballast/Driver: -

Summary

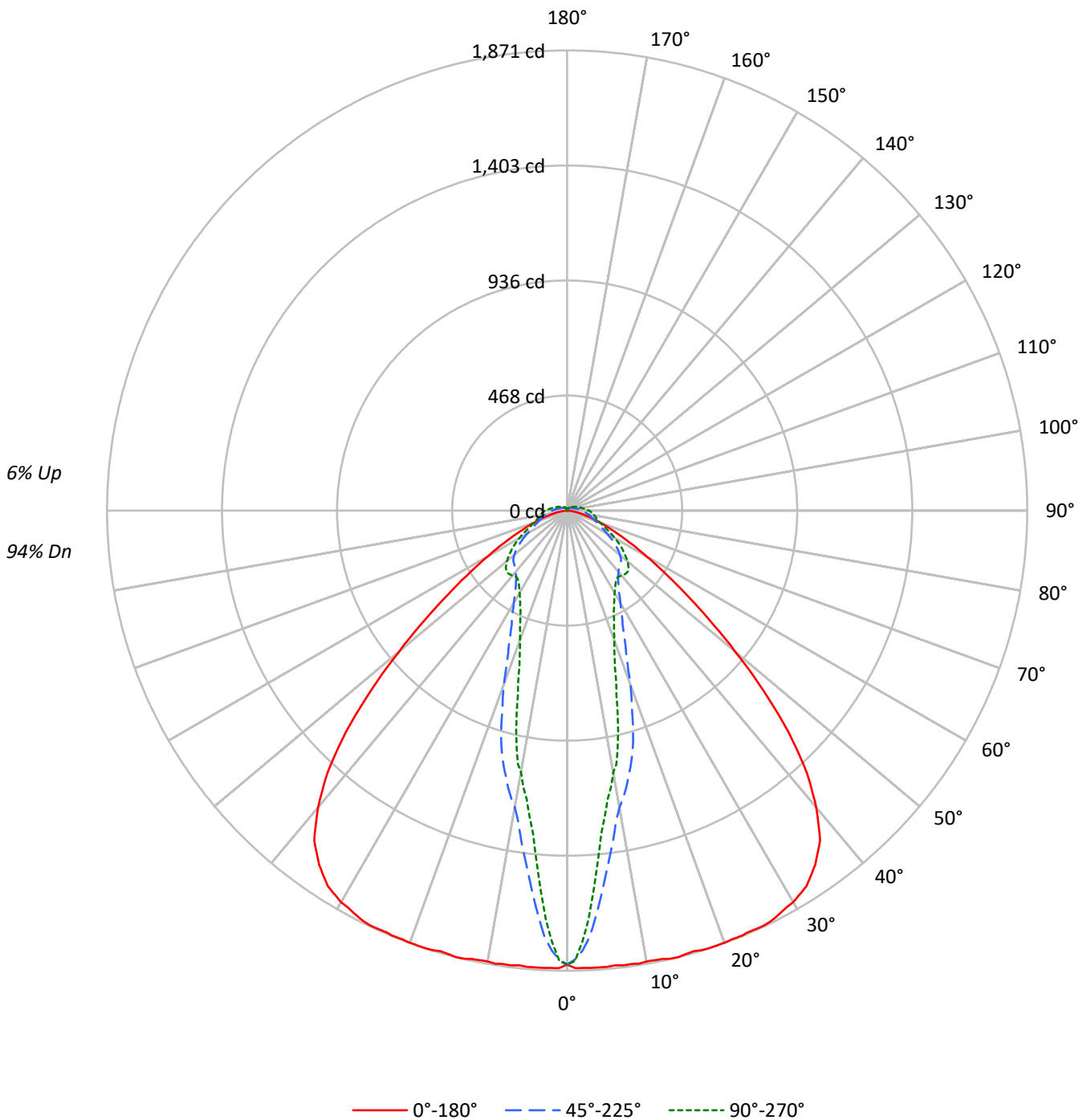
Lumens per Lamp: N/A
Luminaire Lumens: 2275.0 lumens
Efficiency: N/A
Efficacy: 136.0 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

Input Watts (W): 16.731
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

TEST NUMBER: P567065

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC83-CD-3500K-LOW

Luminous Intensity Polar Plot





TEST NUMBER: P567065

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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°	19866	19866	19866
5°	20045	16317	14605
10°	20202	12318	10571
15°	20571	10069	7319
20°	21101	7286	5169
25°	21759	5219	4067
30°	22315	4170	3463
35°	22447	3528	3102
40°	21401	3206	3110
45°	18571	3098	3195
50°	14248	2947	2981
55°	10325	2576	2645
60°	7491	2150	2236
65°	5452	1819	1833
70°	4016	1607	1580
75°	2854	1487	1474
80°	1870	1393	1451
85°	878	1328	1453



TEST NUMBER: P567065

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.1	6.4
10°-20°	315.2	13.9
20°-30°	360.8	15.9
30°-40°	361.4	15.9
40°-50°	342.1	15.0
50°-60°	262.4	11.5
60°-70°	169.1	7.4
70°-80°	107.9	4.7
80°-90°	71.6	3.1
90°-100°	48.1	2.1
100°-110°	31.7	1.4
110°-120°	22.1	1.0
120°-130°	15.4	0.7
130°-140°	10.7	0.5
140°-150°	6.5	0.3
150°-160°	3.3	0.1
160°-170°	1.3	0.1
170°-180°	0.2	0.0
0°-30°	821.1	36.1
0°-40°	1182.5	52.0
0°-60°	1787.0	78.5
0°-90°	2135.6	93.9
90°-120°	101.9	4.5
90°-150°	134.6	5.9
90°-180°	139.0	6.1
0°-180°	2275.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1846	1846	1846	1846	1846	
5°	1862	1759	1576	1470	1430	178
15°	1867	1344	1025	842	774	529
25°	1868	951	542	471	449	861
35°	1758	529	363	351	346	1091
45°	1271	335	306	338	350	966
55°	583	239	236	265	275	536
65°	233	150	148	169	175	240
75°	79	82	103	118	124	87
85°	10	37	72	94	101	14
90°	0	26	61	84	87	0
95°	0	19	50	69	72	0
105°	0	14	33	47	50	1
115°	1	12	24	34	36	1
125°	1	10	21	24	26	1
135°	1	8	16	20	21	1
145°	1	6	12	15	16	1
155°	1	4	7	10	12	1
165°	2	2	5	6	7	1
175°	2	2	2	2	1	0
180°	2	2	2	2	2	



TEST NUMBER: P567065

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC83-CD-3500K-LOW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1845.6	1845.6	1845.6	1845.6	1845.6
1°	1860.7	1850.3	1825.8	1832.8	1831.6
2°	1860.7	1838.6	1790.8	1776.8	1755.8
3°	1861.9	1818.8	1737.2	1691.7	1662.5
4°	1861.9	1789.6	1657.9	1582.1	1544.8
5°	1861.9	1759.3	1576.3	1470.2	1430.5
6°	1859.6	1723.2	1493.5	1381.6	1322.1
7°	1863.1	1683.5	1418.9	1298.8	1252.2
8°	1861.9	1636.9	1350.1	1235.8	1184.5
9°	1865.4	1591.4	1275.5	1176.4	1137.9
10°	1861.9	1549.5	1226.5	1120.4	1080.8
11°	1861.9	1508.7	1191.5	1084.3	1050.5
12°	1864.2	1462.0	1153.1	1033.0	986.3
13°	1870.1	1414.2	1108.8	977.0	922.2
14°	1871.2	1378.1	1067.9	905.9	848.8
15°	1866.6	1344.3	1024.8	841.8	774.1
16°	1864.2	1309.3	973.5	781.1	720.5
17°	1868.9	1268.5	915.2	719.3	663.4
18°	1870.1	1231.2	853.4	672.7	623.7
19°	1870.1	1202.0	803.3	629.6	587.6
20°	1870.1	1174.0	752.0	596.9	560.8
21°	1867.7	1139.1	693.7	563.1	532.8
22.5°	1868.9	1073.8	627.2	523.5	499.0
23°	1865.4	1057.5	610.9	513.0	487.3
24°	1866.6	1010.8	575.9	492.0	467.5
25°	1867.7	951.4	542.1	471.0	448.9
26°	1865.4	903.6	514.2	451.2	436.0
27°	1859.6	865.1	494.3	434.9	420.9
28°	1851.4	813.8	473.3	420.9	408.1
29°	1843.3	755.5	452.4	405.7	396.4
30°	1838.6	708.9	432.5	394.1	385.9
32.5°	1810.6	616.8	391.7	370.8	363.8
35°	1758.1	529.3	362.6	350.9	346.3
37.5°	1689.4	461.7	340.4	338.1	339.3
40°	1576.3	408.1	324.1	334.6	345.1
42.5°	1441.0	366.1	312.5	338.1	349.8
45°	1270.8	334.6	305.5	338.1	349.8
47.5°	1081.9	309.0	297.3	326.4	338.1
50°	893.1	285.6	281.0	309.0	319.5
52.5°	726.3	263.5	260.0	286.8	297.3
55°	582.9	239.0	235.5	264.7	275.1
57.5°	467.5	215.7	212.2	239.0	249.5
60°	373.1	192.4	186.5	213.4	223.8
62.5°	297.3	170.2	166.7	190.0	199.4
65°	233.2	150.4	148.1	169.1	174.9



TEST NUMBER: P567065

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC83-CD-3500K-LOW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	184.2	131.7	132.9	150.4	157.4
70°	142.2	114.3	121.3	137.6	142.2
72.5°	107.3	96.8	111.9	125.9	131.7
75°	79.3	81.6	102.6	117.8	123.6
77.5°	54.8	67.6	94.4	110.8	116.6
80°	37.3	54.8	86.3	104.9	111.9
82.5°	22.2	45.5	79.3	99.1	107.3
85°	10.5	37.3	72.3	94.4	101.4
87.5°	3.5	30.3	65.3	89.8	95.6
90°	0.0	25.6	60.6	83.9	87.4
92.5°	0.0	22.2	54.8	76.9	79.3
95°	0.0	18.7	50.1	68.8	72.3
97.5°	0.0	17.5	46.6	61.8	66.5
100°	0.0	16.3	42.0	56.0	60.6
102.5°	0.0	14.0	37.3	50.1	54.8
105°	0.0	14.0	32.6	46.6	50.1
107.5°	1.2	12.8	30.3	42.0	46.6
110°	1.2	12.8	26.8	39.6	43.1
112.5°	1.2	12.8	25.6	36.1	40.8
115°	1.2	11.7	24.5	33.8	36.1
117.5°	1.2	11.7	23.3	30.3	32.6
120°	1.2	10.5	22.2	28.0	29.1
122.5°	1.2	10.5	21.0	25.6	26.8
125°	1.2	10.5	21.0	24.5	25.6
127.5°	1.2	9.3	19.8	23.3	23.3
130°	1.2	9.3	18.7	22.2	22.2
132.5°	1.2	8.2	17.5	21.0	22.2
135°	1.2	8.2	16.3	19.8	21.0
137.5°	1.2	7.0	15.2	18.7	19.8
140°	1.2	7.0	14.0	17.5	18.7
142.5°	1.2	5.8	12.8	16.3	17.5
145°	1.2	5.8	11.7	15.2	16.3
147.5°	1.2	5.8	10.5	14.0	15.2
150°	1.2	4.7	9.3	12.8	14.0
152.5°	1.2	4.7	8.2	11.7	12.8
155°	1.2	3.5	7.0	10.5	11.7
157.5°	1.2	3.5	7.0	9.3	10.5
160°	2.3	3.5	5.8	8.2	9.3
162.5°	1.2	2.3	5.8	7.0	8.2
165°	2.3	2.3	4.7	5.8	7.0
167.5°	2.3	2.3	3.5	4.7	5.8
170°	2.3	2.3	3.5	3.5	4.7
172.5°	2.3	2.3	2.3	3.5	2.3
175°	2.3	2.3	2.3	2.3	1.2
177.5°	2.3	2.3	2.3	2.3	1.2



TEST NUMBER: P567065

CATALOG NUMBER: 4SNX-SL3-LC-UNV-CC83-CD-3500K-LOW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.3	2.3	2.3	2.3	2.3

(END OF REPORT)