

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: P567101

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567101
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-LW-UNV-CC83-CD-3500K-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 80CRI, LOW LUMEN SETTING, AND LW LENS
Light Source: -
Ballast/Driver: -

Summary

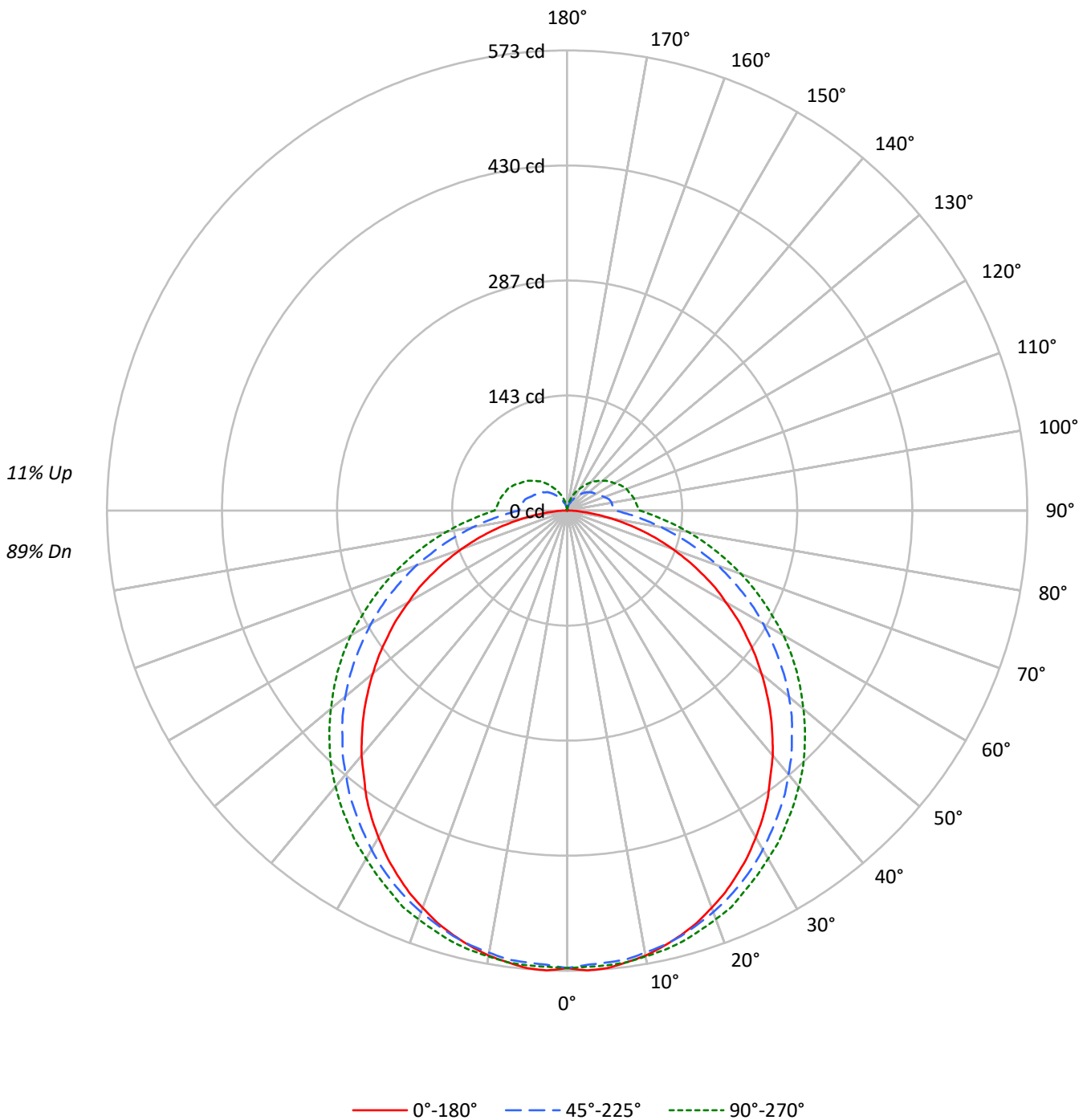
Lumens per Lamp: N/A
Luminaire Lumens: 2028.0 lumens
Efficiency: N/A
Efficacy: 121.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Semi-Direct

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: P567101

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

Luminous Intensity Polar Plot





TEST NUMBER: P567101

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

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	77	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°	6132	6132	6132
5°	6158	5849	5804
10°	6104	5615	5514
15°	6033	5389	5253
20°	5937	5155	4992
25°	5830	4930	4736
30°	5702	4699	4491
35°	5564	4468	4262
40°	5406	4241	4043
45°	5235	4014	3819
50°	5041	3781	3584
55°	4827	3521	3353
60°	4576	3250	3110
65°	4311	2957	2832
70°	3948	2645	2558
75°	3466	2281	2269
80°	2707	1914	1980
85°	1765	1574	1683



TEST NUMBER: P567101

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

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.1	2.7
10°-20°	155.5	7.7
20°-30°	236.5	11.7
30°-40°	287.1	14.2
40°-50°	303.3	15.0
50°-60°	283.9	14.0
60°-70°	232.9	11.5
70°-80°	160.2	7.9
80°-90°	87.7	4.3
90°-100°	56.5	2.8
100°-110°	50.7	2.5
110°-120°	42.0	2.1
120°-130°	32.3	1.6
130°-140°	22.7	1.1
140°-150°	13.7	0.7
150°-160°	6.5	0.3
160°-170°	2.2	0.1
170°-180°	0.3	0.0
0°-30°	446.1	22.0
0°-40°	733.2	36.2
0°-60°	1320.4	65.1
0°-90°	1801.2	88.8
90°-120°	149.1	7.4
90°-150°	217.8	10.7
90°-180°	227.0	11.2
0°-180°	2028.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	570	570	570	570	570	
5°	572	571	565	570	568	54
15°	547	550	548	556	556	154
25°	500	506	512	523	523	231
35°	436	446	459	472	476	272
45°	358	375	396	414	418	276
55°	272	295	322	342	349	244
65°	184	209	241	263	270	183
75°	96	122	157	182	190	101
85°	21	50	86	109	118	24
90°	0	28	60	82	90	1
95°	0	27	58	79	87	0
105°	0	22	54	74	81	1
115°	1	20	46	66	74	1
125°	1	16	39	56	63	1
135°	1	13	32	46	52	1
145°	1	9	22	35	39	1
155°	1	6	14	22	26	1
165°	1	4	7	11	13	0
175°	1	1	2	2	1	0
180°	1	1	1	1	1	



TEST NUMBER: P567101

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

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	569.7	569.7	569.7	569.7	569.7
2.5°	573.2	572.0	566.1	570.8	568.5
5°	572.0	570.8	565.0	569.7	568.5
7.5°	567.3	567.3	563.8	568.5	567.3
10°	562.6	562.6	559.1	565.0	563.8
12.5°	555.6	556.7	554.4	561.4	560.3
15°	547.4	549.7	548.5	555.6	555.6
17.5°	538.0	540.3	540.3	548.5	548.5
20°	526.2	529.7	532.1	541.5	541.5
22.5°	514.5	519.2	522.7	530.9	534.4
25°	500.4	506.2	512.1	522.7	522.7
27.5°	486.3	493.3	500.4	510.9	512.1
30°	469.8	478.1	487.4	498.0	500.4
32.5°	453.4	464.0	473.4	486.3	489.8
35°	435.8	446.3	459.3	472.2	475.7
37.5°	415.8	428.7	445.2	459.3	462.8
40°	398.2	412.3	428.7	445.2	448.7
42.5°	378.2	393.5	413.5	428.7	434.6
45°	358.2	374.7	395.8	413.5	418.1
47.5°	337.1	355.9	379.4	395.8	401.7
50°	316.0	335.9	360.6	379.4	384.1
52.5°	294.8	316.0	341.8	360.6	366.5
55°	272.5	294.8	321.8	341.8	348.8
57.5°	251.4	273.7	301.9	323.0	330.1
60°	227.9	253.7	281.9	303.0	311.3
62.5°	207.9	231.4	261.9	283.1	290.1
65°	184.4	209.1	240.8	263.1	270.2
67.5°	162.1	187.9	219.6	243.1	250.2
70°	139.8	165.6	199.7	222.0	230.2
72.5°	117.5	144.5	177.4	202.0	210.2
75°	96.3	122.2	157.4	182.1	190.3
77.5°	74.0	102.2	137.4	162.1	171.5
80°	54.0	83.4	118.6	143.3	152.7
82.5°	36.4	65.8	101.0	125.7	135.1
85°	21.1	50.5	85.7	109.2	117.5
87.5°	10.6	38.8	71.6	95.1	103.4
90°	0.0	28.2	59.9	82.2	90.4
92.5°	0.0	27.0	58.7	79.9	88.1
95°	0.0	27.0	57.6	78.7	86.9
97.5°	0.0	25.8	56.4	78.7	85.7
100°	0.0	24.7	56.4	77.5	84.6
102.5°	0.0	23.5	55.2	76.3	83.4
105°	0.0	22.3	54.0	74.0	81.0
107.5°	1.2	22.3	51.7	72.8	79.9
110°	1.2	21.1	49.3	71.6	78.7



TEST NUMBER: P567101

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

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.2	20.0	47.0	69.3	76.3
115°	1.2	20.0	45.8	65.8	74.0
117.5°	1.2	18.8	43.5	63.4	71.6
120°	1.2	18.8	42.3	61.1	68.1
122.5°	1.2	17.6	39.9	58.7	65.8
125°	1.2	16.4	38.8	56.4	63.4
127.5°	1.2	15.3	37.6	54.0	61.1
130°	1.2	14.1	35.2	51.7	57.6
132.5°	1.2	14.1	34.1	48.2	55.2
135°	1.2	12.9	31.7	45.8	51.7
137.5°	1.2	11.7	29.4	43.5	49.3
140°	1.2	10.6	27.0	41.1	45.8
142.5°	1.2	10.6	24.7	37.6	42.3
145°	1.2	9.4	22.3	35.2	38.8
147.5°	1.2	8.2	20.0	31.7	35.2
150°	1.2	8.2	17.6	28.2	31.7
152.5°	1.2	7.0	15.3	25.8	29.4
155°	1.2	5.9	14.1	22.3	25.8
157.5°	1.2	5.9	11.7	18.8	22.3
160°	1.2	4.7	10.6	15.3	18.8
162.5°	1.2	4.7	9.4	12.9	16.4
165°	1.2	3.5	7.0	10.6	12.9
167.5°	1.2	3.5	5.9	8.2	10.6
170°	1.2	2.3	4.7	5.9	8.2
172.5°	1.2	2.3	3.5	3.5	3.5
175°	1.2	1.2	2.3	2.3	1.2
177.5°	1.2	1.2	1.2	1.2	1.2
180°	1.2	1.2	1.2	1.2	1.2

(END OF REPORT)