

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: P567134

Luminaire Tested: **4SNX-SL3-SLW-UNV-CC93-CD-5000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567134
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-CC93-CD-5000K-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, LOW LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

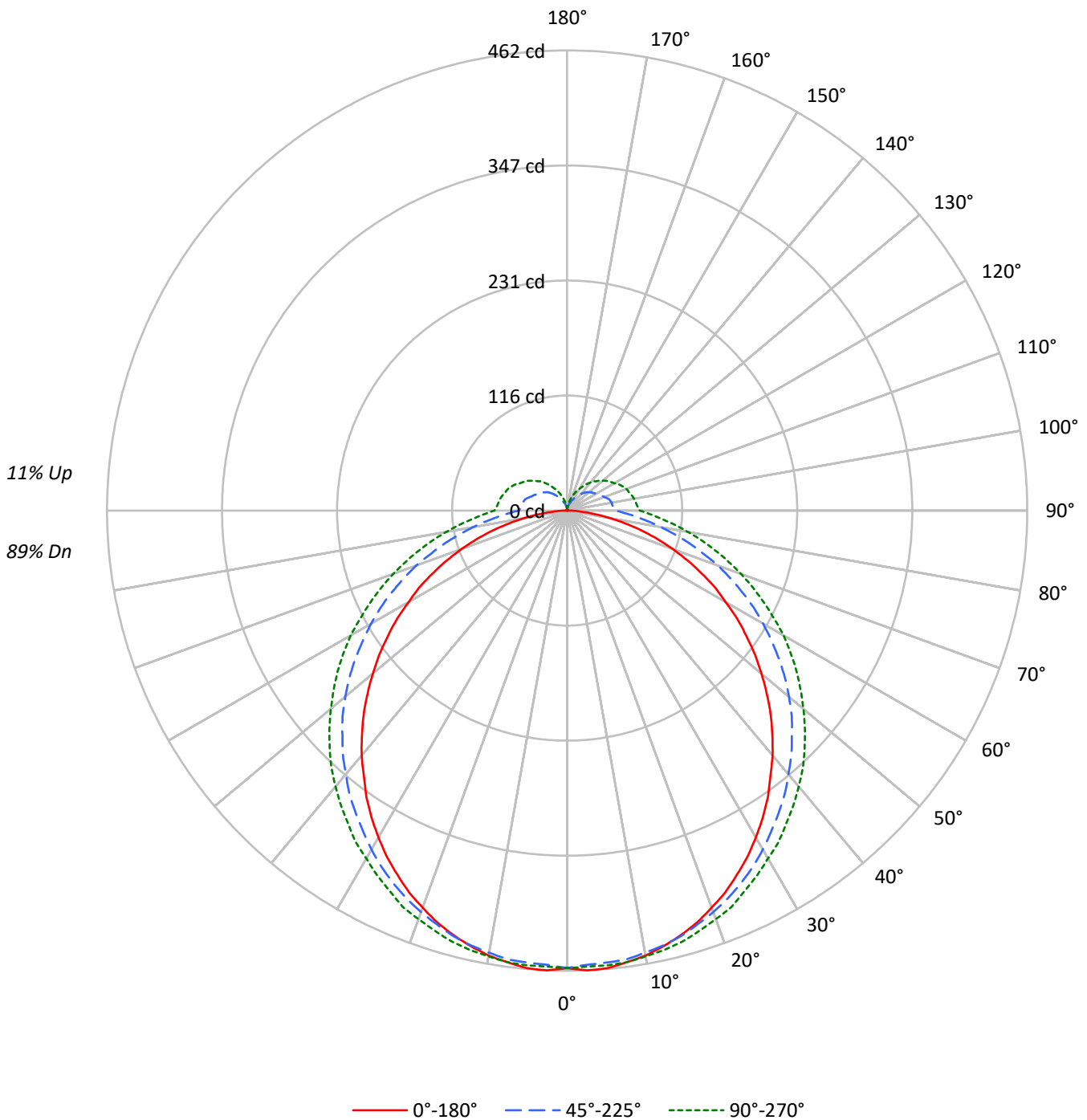
Lumens per Lamp: N/A
Luminaire Lumens: 1635.0 lumens
Efficiency: N/A
Efficacy: 97.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 16.863
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	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°	4944	4944	4944
5°	4974	4817	4812
10°	4940	4720	4693
15°	4890	4619	4583
20°	4823	4505	4461
25°	4745	4393	4334
30°	4652	4270	4207
35°	4550	4142	4089
40°	4433	4016	3975
45°	4307	3888	3852
50°	4162	3752	3716
55°	4004	3591	3580
60°	3817	3417	3429
65°	3626	3221	3240
70°	3356	3007	3055
75°	2999	2733	2849
80°	2418	2454	2647
85°	1697	2216	2439



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.6	2.7
10°-20°	125.4	7.7
20°-30°	190.7	11.7
30°-40°	231.4	14.2
40°-50°	244.6	15.0
50°-60°	228.8	14.0
60°-70°	187.8	11.5
70°-80°	129.2	7.9
80°-90°	70.7	4.3
90°-100°	45.5	2.8
100°-110°	40.9	2.5
110°-120°	33.8	2.1
120°-130°	26.0	1.6
130°-140°	18.3	1.1
140°-150°	11.0	0.7
150°-160°	5.3	0.3
160°-170°	1.7	0.1
170°-180°	0.2	0.0
0°-30°	359.7	22.0
0°-40°	591.1	36.2
0°-60°	1064.5	65.1
0°-90°	1452.1	88.8
90°-120°	120.2	7.4
90°-150°	175.6	10.7
90°-180°	183.0	11.2
0°-180°	1635.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	459	459	459	459	459	
5°	461	460	456	459	458	44
15°	441	443	442	448	448	124
25°	403	408	413	421	421	186
35°	351	360	370	381	384	219
45°	289	302	319	333	337	223
55°	220	238	260	276	281	197
65°	149	169	194	212	218	147
75°	78	98	127	147	153	82
85°	17	41	69	88	95	20
90°	0	23	48	66	73	1
95°	0	22	46	63	70	0
105°	0	18	44	60	65	1
115°	1	16	37	53	60	1
125°	1	13	31	46	51	1
135°	1	10	26	37	42	1
145°	1	8	18	28	31	1
155°	1	5	11	18	21	0
165°	1	3	6	8	10	0
175°	1	1	2	2	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	459.3	459.3	459.3	459.3	459.3
2.5°	462.1	461.2	456.4	460.2	458.3
5°	461.2	460.2	455.5	459.3	458.3
7.5°	457.4	457.4	454.5	458.3	457.4
10°	453.6	453.6	450.8	455.5	454.5
12.5°	447.9	448.9	447.0	452.6	451.7
15°	441.3	443.2	442.2	447.9	447.9
17.5°	433.7	435.6	435.6	442.2	442.2
20°	424.2	427.1	429.0	436.5	436.5
22.5°	414.8	418.6	421.4	428.0	430.9
25°	403.4	408.1	412.9	421.4	421.4
27.5°	392.0	397.7	403.4	411.9	412.9
30°	378.8	385.4	393.0	401.5	403.4
32.5°	365.5	374.0	381.6	392.0	394.9
35°	351.3	359.8	370.3	380.7	383.5
37.5°	335.2	345.6	358.9	370.3	373.1
40°	321.0	332.4	345.6	358.9	361.7
42.5°	304.9	317.2	333.3	345.6	350.4
45°	288.8	302.1	319.1	333.3	337.1
47.5°	271.8	286.9	305.9	319.1	323.9
50°	254.7	270.8	290.7	305.9	309.7
52.5°	237.7	254.7	275.6	290.7	295.5
55°	219.7	237.7	259.5	275.6	281.2
57.5°	202.6	220.6	243.4	260.4	266.1
60°	183.7	204.5	227.3	244.3	250.9
62.5°	167.6	186.6	211.2	228.2	233.9
65°	148.7	168.6	194.1	212.1	217.8
67.5°	130.7	151.5	177.1	196.0	201.7
70°	112.7	133.5	161.0	179.0	185.6
72.5°	94.7	116.5	143.0	162.9	169.5
75°	77.7	98.5	126.9	146.8	153.4
77.5°	59.7	82.4	110.8	130.7	138.3
80°	43.6	67.2	95.6	115.5	123.1
82.5°	29.4	53.0	81.4	101.3	108.9
85°	17.0	40.7	69.1	88.1	94.7
87.5°	8.5	31.2	57.8	76.7	83.3
90°	0.0	22.7	48.3	66.3	72.9
92.5°	0.0	21.8	47.3	64.4	71.0
95°	0.0	21.8	46.4	63.4	70.1
97.5°	0.0	20.8	45.5	63.4	69.1
100°	0.0	19.9	45.5	62.5	68.2
102.5°	0.0	18.9	44.5	61.6	67.2
105°	0.0	18.0	43.6	59.7	65.3
107.5°	0.9	18.0	41.7	58.7	64.4
110°	0.9	17.0	39.8	57.8	63.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.9	16.1	37.9	55.9	61.6
115°	0.9	16.1	36.9	53.0	59.7
117.5°	0.9	15.2	35.0	51.1	57.8
120°	0.9	15.2	34.1	49.2	54.9
122.5°	0.9	14.2	32.2	47.3	53.0
125°	0.9	13.3	31.2	45.5	51.1
127.5°	0.9	12.3	30.3	43.6	49.2
130°	0.9	11.4	28.4	41.7	46.4
132.5°	0.9	11.4	27.5	38.8	44.5
135°	0.9	10.4	25.6	36.9	41.7
137.5°	0.9	9.5	23.7	35.0	39.8
140°	0.9	8.5	21.8	33.1	36.9
142.5°	0.9	8.5	19.9	30.3	34.1
145°	0.9	7.6	18.0	28.4	31.2
147.5°	0.9	6.6	16.1	25.6	28.4
150°	0.9	6.6	14.2	22.7	25.6
152.5°	0.9	5.7	12.3	20.8	23.7
155°	0.9	4.7	11.4	18.0	20.8
157.5°	0.9	4.7	9.5	15.2	18.0
160°	0.9	3.8	8.5	12.3	15.2
162.5°	0.9	3.8	7.6	10.4	13.3
165°	0.9	2.8	5.7	8.5	10.4
167.5°	0.9	2.8	4.7	6.6	8.5
170°	0.9	1.9	3.8	4.7	6.6
172.5°	0.9	1.9	2.8	2.8	2.8
175°	0.9	0.9	1.9	1.9	0.9
177.5°	0.9	0.9	0.9	0.9	0.9
180°	0.9	0.9	0.9	0.9	0.9

(END OF REPORT)