

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: P567122

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567122
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-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 80CRI, LOW LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

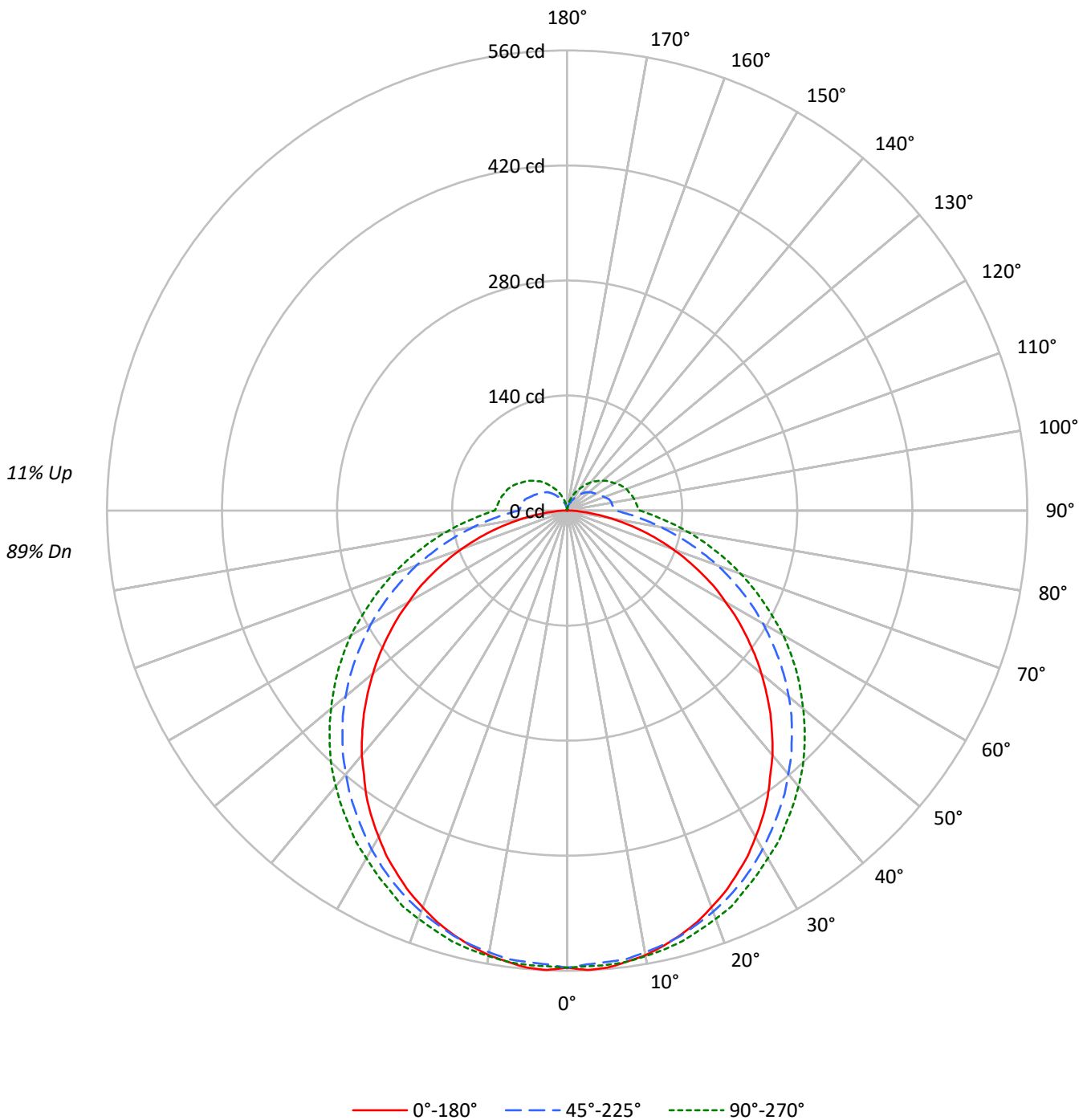
Lumens per Lamp: N/A
Luminaire Lumens: 1980.0 lumens
Efficiency: N/A
Efficacy: 122.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 16.137
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°	5987	5987	5987
5°	6024	5833	5828
10°	5982	5715	5684
15°	5922	5594	5551
20°	5841	5455	5403
25°	5746	5320	5248
30°	5634	5170	5095
35°	5511	5016	4951
40°	5370	4864	4815
45°	5217	4709	4666
50°	5041	4545	4499
55°	4850	4348	4336
60°	4624	4137	4154
65°	4389	3901	3925
70°	4064	3641	3700
75°	3628	3310	3451
80°	2928	2973	3206
85°	2056	2684	2954



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.8	2.7
10°-20°	151.8	7.7
20°-30°	230.9	11.7
30°-40°	280.3	14.2
40°-50°	296.2	15.0
50°-60°	277.1	14.0
60°-70°	227.4	11.5
70°-80°	156.4	7.9
80°-90°	85.7	4.3
90°-100°	55.1	2.8
100°-110°	49.5	2.5
110°-120°	41.0	2.1
120°-130°	31.5	1.6
130°-140°	22.2	1.1
140°-150°	13.4	0.7
150°-160°	6.4	0.3
160°-170°	2.1	0.1
170°-180°	0.2	0.0
0°-30°	435.6	22.0
0°-40°	715.8	36.2
0°-60°	1289.1	65.1
0°-90°	1758.6	88.8
90°-120°	145.6	7.4
90°-150°	212.6	10.7
90°-180°	221.0	11.2
0°-180°	1980.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	556	556	556	556	556	
5°	558	557	552	556	555	53
15°	534	537	536	542	542	151
25°	488	494	500	510	510	225
35°	426	436	448	461	464	266
45°	350	366	386	404	408	270
55°	266	288	314	334	341	238
65°	180	204	235	257	264	178
75°	94	119	154	178	186	99
85°	21	49	84	107	115	24
90°	0	28	58	80	88	1
95°	0	26	56	77	85	0
105°	0	22	53	72	79	1
115°	1	20	45	64	72	1
125°	1	16	38	55	62	1
135°	1	13	31	45	50	1
145°	1	9	22	34	38	1
155°	1	6	14	22	25	1
165°	1	3	7	10	13	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°	556.2	556.2	556.2	556.2	556.2
2.5°	559.6	558.5	552.7	557.3	555.0
5°	558.5	557.3	551.6	556.2	555.0
7.5°	553.9	553.9	550.5	555.0	553.9
10°	549.3	549.3	545.9	551.6	550.5
12.5°	542.4	543.6	541.3	548.2	547.0
15°	534.4	536.7	535.5	542.4	542.4
17.5°	525.2	527.5	527.5	535.5	535.5
20°	513.8	517.2	519.5	528.7	528.7
22.5°	502.3	506.9	510.3	518.3	521.8
25°	488.5	494.3	500.0	510.3	510.3
27.5°	474.8	481.6	488.5	498.8	500.0
30°	458.7	466.7	475.9	486.2	488.5
32.5°	442.7	453.0	462.2	474.8	478.2
35°	425.5	435.8	448.4	461.0	464.4
37.5°	406.0	418.6	434.6	448.4	451.8
40°	388.8	402.5	418.6	434.6	438.1
42.5°	369.3	384.2	403.7	418.6	424.3
45°	349.8	365.8	386.5	403.7	408.3
47.5°	329.1	347.5	370.4	386.5	392.2
50°	308.5	328.0	352.1	370.4	375.0
52.5°	287.8	308.5	333.7	352.1	357.8
55°	266.1	287.8	314.2	333.7	340.6
57.5°	245.4	267.2	294.7	315.4	322.2
60°	222.5	247.7	275.2	295.9	303.9
62.5°	203.0	225.9	255.7	276.4	283.3
65°	180.0	204.1	235.1	256.9	263.8
67.5°	158.3	183.5	214.4	237.4	244.3
70°	136.5	161.7	195.0	216.7	224.8
72.5°	114.7	141.1	173.2	197.2	205.3
75°	94.0	119.3	153.7	177.8	185.8
77.5°	72.2	99.8	134.2	158.3	167.4
80°	52.8	81.4	115.8	139.9	149.1
82.5°	35.6	64.2	98.6	122.7	131.9
85°	20.6	49.3	83.7	106.7	114.7
87.5°	10.3	37.8	70.0	92.9	100.9
90°	0.0	27.5	58.5	80.3	88.3
92.5°	0.0	26.4	57.3	78.0	86.0
95°	0.0	26.4	56.2	76.8	84.9
97.5°	0.0	25.2	55.0	76.8	83.7
100°	0.0	24.1	55.0	75.7	82.6
102.5°	0.0	22.9	53.9	74.5	81.4
105°	0.0	21.8	52.8	72.2	79.1
107.5°	1.1	21.8	50.5	71.1	78.0
110°	1.1	20.6	48.2	70.0	76.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.1	19.5	45.9	67.7	74.5
115°	1.1	19.5	44.7	64.2	72.2
117.5°	1.1	18.3	42.4	61.9	70.0
120°	1.1	18.3	41.3	59.6	66.5
122.5°	1.1	17.2	39.0	57.3	64.2
125°	1.1	16.1	37.8	55.0	61.9
127.5°	1.1	14.9	36.7	52.8	59.6
130°	1.1	13.8	34.4	50.5	56.2
132.5°	1.1	13.8	33.3	47.0	53.9
135°	1.1	12.6	31.0	44.7	50.5
137.5°	1.1	11.5	28.7	42.4	48.2
140°	1.1	10.3	26.4	40.1	44.7
142.5°	1.1	10.3	24.1	36.7	41.3
145°	1.1	9.2	21.8	34.4	37.8
147.5°	1.1	8.0	19.5	31.0	34.4
150°	1.1	8.0	17.2	27.5	31.0
152.5°	1.1	6.9	14.9	25.2	28.7
155°	1.1	5.7	13.8	21.8	25.2
157.5°	1.1	5.7	11.5	18.3	21.8
160°	1.1	4.6	10.3	14.9	18.3
162.5°	1.1	4.6	9.2	12.6	16.1
165°	1.1	3.4	6.9	10.3	12.6
167.5°	1.1	3.4	5.7	8.0	10.3
170°	1.1	2.3	4.6	5.7	8.0
172.5°	1.1	2.3	3.4	3.4	3.4
175°	1.1	1.1	2.3	2.3	1.1
177.5°	1.1	1.1	1.1	1.1	1.1
180°	1.1	1.1	1.1	1.1	1.1

(END OF REPORT)