

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: P567125

Luminaire Tested: **4SNX-SL3-SLW-UNV-CC83-CD-5000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567125
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-5000K-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 80CRI, LOW LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

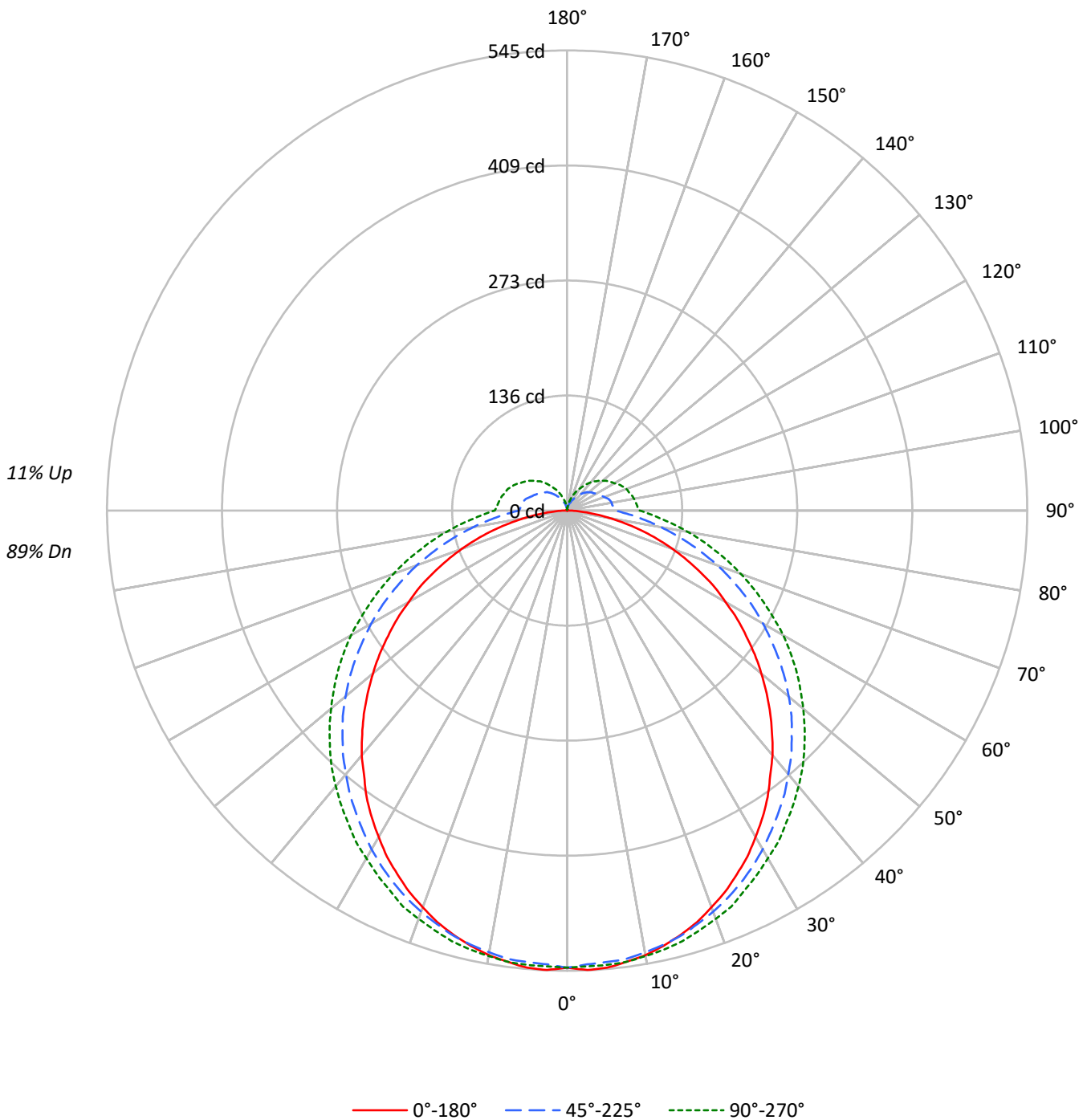
Lumens per Lamp: N/A
Luminaire Lumens: 1927.0 lumens
Efficiency: N/A
Efficacy: 114.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

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°	5827	5827	5827
5°	5862	5676	5672
10°	5822	5562	5531
15°	5764	5444	5402
20°	5684	5309	5258
25°	5593	5177	5108
30°	5483	5032	4959
35°	5363	4882	4819
40°	5226	4734	4685
45°	5076	4582	4540
50°	4906	4422	4379
55°	4719	4231	4220
60°	4499	4027	4043
65°	4272	3797	3819
70°	3954	3542	3601
75°	3532	3222	3358
80°	2845	2893	3120
85°	2007	2614	2875



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.4	2.7
10°-20°	147.8	7.7
20°-30°	224.7	11.7
30°-40°	272.8	14.2
40°-50°	288.2	15.0
50°-60°	269.7	14.0
60°-70°	221.3	11.5
70°-80°	152.2	7.9
80°-90°	83.4	4.3
90°-100°	53.7	2.8
100°-110°	48.2	2.5
110°-120°	39.9	2.1
120°-130°	30.7	1.6
130°-140°	21.6	1.1
140°-150°	13.0	0.7
150°-160°	6.2	0.3
160°-170°	2.0	0.1
170°-180°	0.2	0.0
0°-30°	423.9	22.0
0°-40°	696.7	36.2
0°-60°	1254.6	65.1
0°-90°	1711.5	88.8
90°-120°	141.7	7.4
90°-150°	207.0	10.7
90°-180°	215.0	11.2
0°-180°	1927.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	541	541	541	541	541	
5°	544	542	537	541	540	52
15°	520	522	521	528	528	147
25°	476	481	487	497	497	219
35°	414	424	436	449	452	259
45°	340	356	376	393	397	262
55°	259	280	306	325	332	232
65°	175	199	229	250	257	174
75°	92	116	150	173	181	96
85°	20	48	82	104	112	23
90°	0	27	57	78	86	1
95°	0	26	55	75	83	0
105°	0	21	51	70	77	1
115°	1	19	44	62	70	1
125°	1	16	37	54	60	1
135°	1	12	30	44	49	1
145°	1	9	21	34	37	1
155°	1	6	13	21	25	1
165°	1	3	7	10	12	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°	541.3	541.3	541.3	541.3	541.3
2.5°	544.6	543.5	538.0	542.4	540.2
5°	543.5	542.4	536.8	541.3	540.2
7.5°	539.1	539.1	535.7	540.2	539.1
10°	534.6	534.6	531.3	536.8	535.7
12.5°	527.9	529.0	526.8	533.5	532.4
15°	520.1	522.3	521.2	527.9	527.9
17.5°	511.2	513.4	513.4	521.2	521.2
20°	500.0	503.4	505.6	514.5	514.5
22.5°	488.8	493.3	496.7	504.5	507.8
25°	475.5	481.0	486.6	496.7	496.7
27.5°	462.1	468.8	475.5	485.5	486.6
30°	446.4	454.2	463.2	473.2	475.5
32.5°	430.8	440.9	449.8	462.1	465.4
35°	414.1	424.1	436.4	448.7	452.0
37.5°	395.1	407.4	423.0	436.4	439.7
40°	378.4	391.7	407.4	423.0	426.3
42.5°	359.4	373.9	392.9	407.4	412.9
45°	340.4	356.0	376.1	392.9	397.3
47.5°	320.3	338.2	360.5	376.1	381.7
50°	300.2	319.2	342.6	360.5	365.0
52.5°	280.1	300.2	324.8	342.6	348.2
55°	258.9	280.1	305.8	324.8	331.5
57.5°	238.8	260.0	286.8	306.9	313.6
60°	216.5	241.1	267.9	287.9	295.8
62.5°	197.5	219.9	248.9	269.0	275.7
65°	175.2	198.7	228.8	250.0	256.7
67.5°	154.0	178.6	208.7	231.0	237.7
70°	132.8	157.4	189.7	210.9	218.8
72.5°	111.6	137.3	168.5	192.0	199.8
75°	91.5	116.1	149.6	173.0	180.8
77.5°	70.3	97.1	130.6	154.0	162.9
80°	51.3	79.2	112.7	136.2	145.1
82.5°	34.6	62.5	96.0	119.4	128.3
85°	20.1	48.0	81.5	103.8	111.6
87.5°	10.0	36.8	68.1	90.4	98.2
90°	0.0	26.8	56.9	78.1	85.9
92.5°	0.0	25.7	55.8	75.9	83.7
95°	0.0	25.7	54.7	74.8	82.6
97.5°	0.0	24.6	53.6	74.8	81.5
100°	0.0	23.4	53.6	73.7	80.4
102.5°	0.0	22.3	52.5	72.5	79.2
105°	0.0	21.2	51.3	70.3	77.0
107.5°	1.1	21.2	49.1	69.2	75.9
110°	1.1	20.1	46.9	68.1	74.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.1	19.0	44.6	65.8	72.5
115°	1.1	19.0	43.5	62.5	70.3
117.5°	1.1	17.9	41.3	60.3	68.1
120°	1.1	17.9	40.2	58.0	64.7
122.5°	1.1	16.7	37.9	55.8	62.5
125°	1.1	15.6	36.8	53.6	60.3
127.5°	1.1	14.5	35.7	51.3	58.0
130°	1.1	13.4	33.5	49.1	54.7
132.5°	1.1	13.4	32.4	45.8	52.5
135°	1.1	12.3	30.1	43.5	49.1
137.5°	1.1	11.2	27.9	41.3	46.9
140°	1.1	10.0	25.7	39.1	43.5
142.5°	1.1	10.0	23.4	35.7	40.2
145°	1.1	8.9	21.2	33.5	36.8
147.5°	1.1	7.8	19.0	30.1	33.5
150°	1.1	7.8	16.7	26.8	30.1
152.5°	1.1	6.7	14.5	24.6	27.9
155°	1.1	5.6	13.4	21.2	24.6
157.5°	1.1	5.6	11.2	17.9	21.2
160°	1.1	4.5	10.0	14.5	17.9
162.5°	1.1	4.5	8.9	12.3	15.6
165°	1.1	3.3	6.7	10.0	12.3
167.5°	1.1	3.3	5.6	7.8	10.0
170°	1.1	2.2	4.5	5.6	7.8
172.5°	1.1	2.2	3.3	3.3	3.3
175°	1.1	1.1	2.2	2.2	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)