

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: P565585

Luminaire Tested: **2SNX-23SL-SLW-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565585
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: 2SNX-23SL-SLW-UNV-L950-CD
Description: 2FT 2300 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

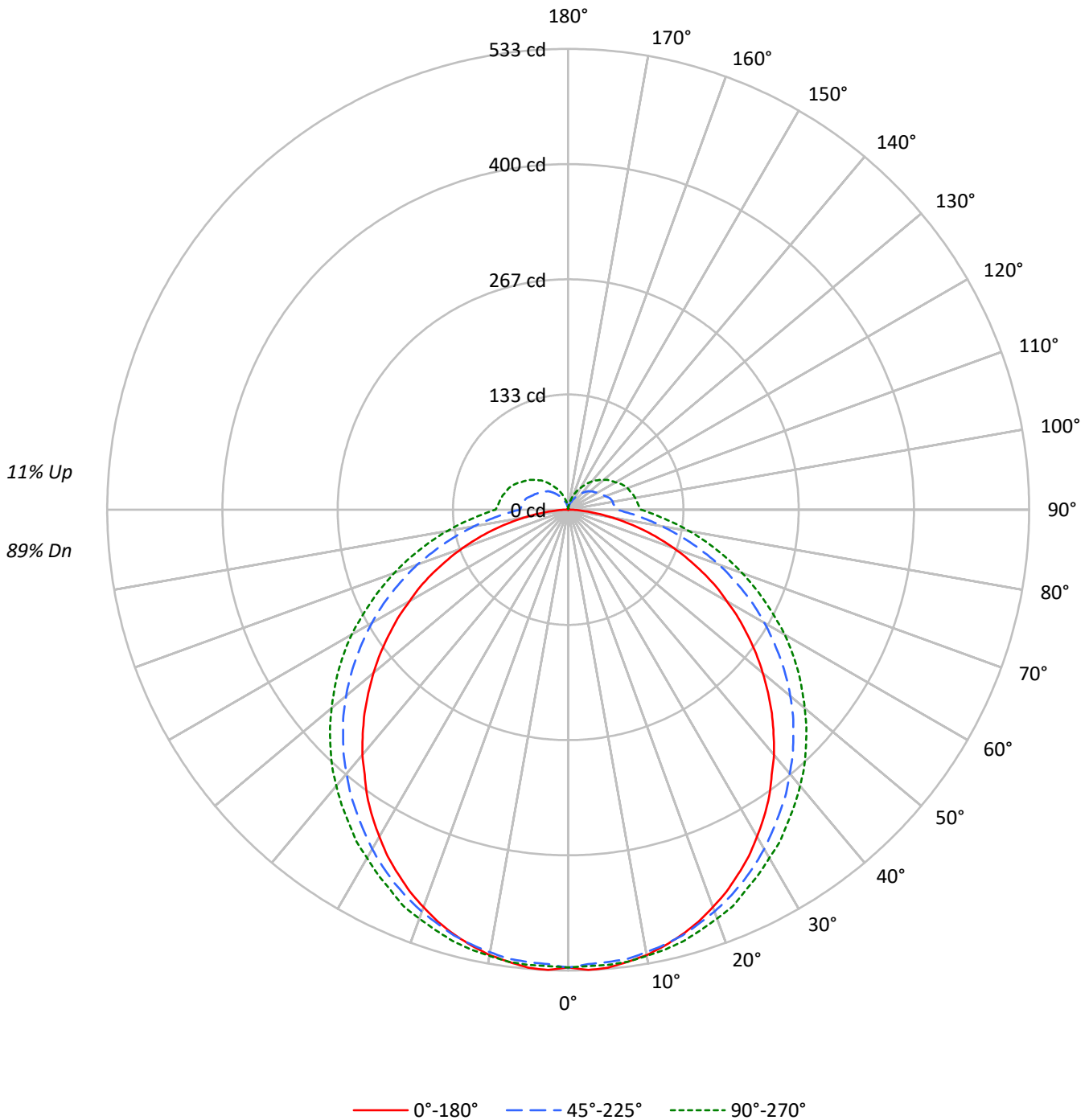
Lumens per Lamp: N/A
Luminaire Lumens: 1885.0 lumens
Efficiency: N/A
Efficacy: 126.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 14.9
Input Voltage (V): NR
Input Current (A_{in}): 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°	11399	11399	11399
5°	11449	11091	11096
10°	11350	10855	10821
15°	11215	10611	10569
20°	11038	10337	10287
25°	10838	10067	9992
30°	10602	9773	9702
35°	10343	9468	9429
40°	10051	9167	9168
45°	9734	8861	8884
50°	9373	8539	8567
55°	8975	8151	8257
60°	8508	7740	7908
65°	8017	7278	7471
70°	7339	6770	7044
75°	6446	6128	6572
80°	5038	5475	6102
85°	3300	4899	5625



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.3	2.7
10°-20°	144.6	7.7
20°-30°	219.8	11.7
30°-40°	266.8	14.2
40°-50°	281.9	15.0
50°-60°	263.8	14.0
60°-70°	216.5	11.5
70°-80°	148.9	7.9
80°-90°	81.5	4.3
90°-100°	52.5	2.8
100°-110°	47.1	2.5
110°-120°	39.0	2.1
120°-130°	30.0	1.6
130°-140°	21.1	1.1
140°-150°	12.7	0.7
150°-160°	6.1	0.3
160°-170°	2.0	0.1
170°-180°	0.2	0.0
0°-30°	414.7	22.0
0°-40°	681.5	36.2
0°-60°	1227.3	65.1
0°-90°	1674.2	88.8
90°-120°	138.6	7.4
90°-150°	202.5	10.7
90°-180°	211.0	11.2
0°-180°	1885.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	530	530	530	530	530	
5°	532	531	525	530	528	50
15°	509	511	510	516	516	143
25°	465	470	476	486	486	214
35°	405	415	427	439	442	253
45°	333	348	368	384	389	257
55°	253	274	299	318	324	227
65°	171	194	224	245	251	170
75°	90	114	146	169	177	94
85°	20	47	80	102	109	23
90°	0	26	56	76	84	1
95°	0	25	54	73	81	0
105°	0	21	50	69	75	1
115°	1	19	43	61	69	1
125°	1	15	36	52	59	1
135°	1	12	30	43	48	1
145°	1	9	21	33	36	1
155°	1	6	13	21	24	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°	529.5	529.5	529.5	529.5	529.5
2.5°	532.8	531.7	526.2	530.6	528.4
5°	531.7	530.6	525.1	529.5	528.4
7.5°	527.3	527.3	524.0	528.4	527.3
10°	523.0	523.0	519.7	525.1	524.0
12.5°	516.4	517.5	515.3	521.9	520.8
15°	508.8	510.9	509.8	516.4	516.4
17.5°	500.0	502.2	502.2	509.8	509.8
20°	489.1	492.4	494.6	503.3	503.3
22.5°	478.2	482.6	485.8	493.5	496.7
25°	465.1	470.5	476.0	485.8	485.8
27.5°	452.0	458.5	465.1	474.9	476.0
30°	436.7	444.3	453.1	462.9	465.1
32.5°	421.4	431.2	440.0	452.0	455.3
35°	405.0	414.9	426.9	438.9	442.2
37.5°	386.5	398.5	413.8	426.9	430.2
40°	370.1	383.2	398.5	413.8	417.1
42.5°	351.5	365.7	384.3	398.5	403.9
45°	333.0	348.3	367.9	384.3	388.7
47.5°	313.3	330.8	352.6	367.9	373.4
50°	293.7	312.2	335.2	352.6	357.0
52.5°	274.0	293.7	317.7	335.2	340.6
55°	253.3	274.0	299.1	317.7	324.3
57.5°	233.6	254.4	280.6	300.2	306.8
60°	211.8	235.8	262.0	281.7	289.3
62.5°	193.2	215.1	243.5	263.1	269.7
65°	171.4	194.3	223.8	244.6	251.1
67.5°	150.7	174.7	204.2	226.0	232.5
70°	129.9	153.9	185.6	206.3	214.0
72.5°	109.2	134.3	164.9	187.8	195.4
75°	89.5	113.5	146.3	169.2	176.9
77.5°	68.8	95.0	127.7	150.7	159.4
80°	50.2	77.5	110.3	133.2	141.9
82.5°	33.8	61.1	93.9	116.8	125.6
85°	19.7	46.9	79.7	101.5	109.2
87.5°	9.8	36.0	66.6	88.4	96.1
90°	0.0	26.2	55.7	76.4	84.1
92.5°	0.0	25.1	54.6	74.2	81.9
95°	0.0	25.1	53.5	73.1	80.8
97.5°	0.0	24.0	52.4	73.1	79.7
100°	0.0	22.9	52.4	72.1	78.6
102.5°	0.0	21.8	51.3	71.0	77.5
105°	0.0	20.7	50.2	68.8	75.3
107.5°	1.1	20.7	48.0	67.7	74.2
110°	1.1	19.7	45.9	66.6	73.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.1	18.6	43.7	64.4	71.0
115°	1.1	18.6	42.6	61.1	68.8
117.5°	1.1	17.5	40.4	59.0	66.6
120°	1.1	17.5	39.3	56.8	63.3
122.5°	1.1	16.4	37.1	54.6	61.1
125°	1.1	15.3	36.0	52.4	59.0
127.5°	1.1	14.2	34.9	50.2	56.8
130°	1.1	13.1	32.8	48.0	53.5
132.5°	1.1	13.1	31.7	44.8	51.3
135°	1.1	12.0	29.5	42.6	48.0
137.5°	1.1	10.9	27.3	40.4	45.9
140°	1.1	9.8	25.1	38.2	42.6
142.5°	1.1	9.8	22.9	34.9	39.3
145°	1.1	8.7	20.7	32.8	36.0
147.5°	1.1	7.6	18.6	29.5	32.8
150°	1.1	7.6	16.4	26.2	29.5
152.5°	1.1	6.6	14.2	24.0	27.3
155°	1.1	5.5	13.1	20.7	24.0
157.5°	1.1	5.5	10.9	17.5	20.7
160°	1.1	4.4	9.8	14.2	17.5
162.5°	1.1	4.4	8.7	12.0	15.3
165°	1.1	3.3	6.6	9.8	12.0
167.5°	1.1	3.3	5.5	7.6	9.8
170°	1.1	2.2	4.4	5.5	7.6
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)