

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: P565592

Luminaire Tested: **2SNX-23SL-UNV-L940-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565592  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 2SNX-23SL-UNV-L940-CD  
Description: 2FT 2300 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

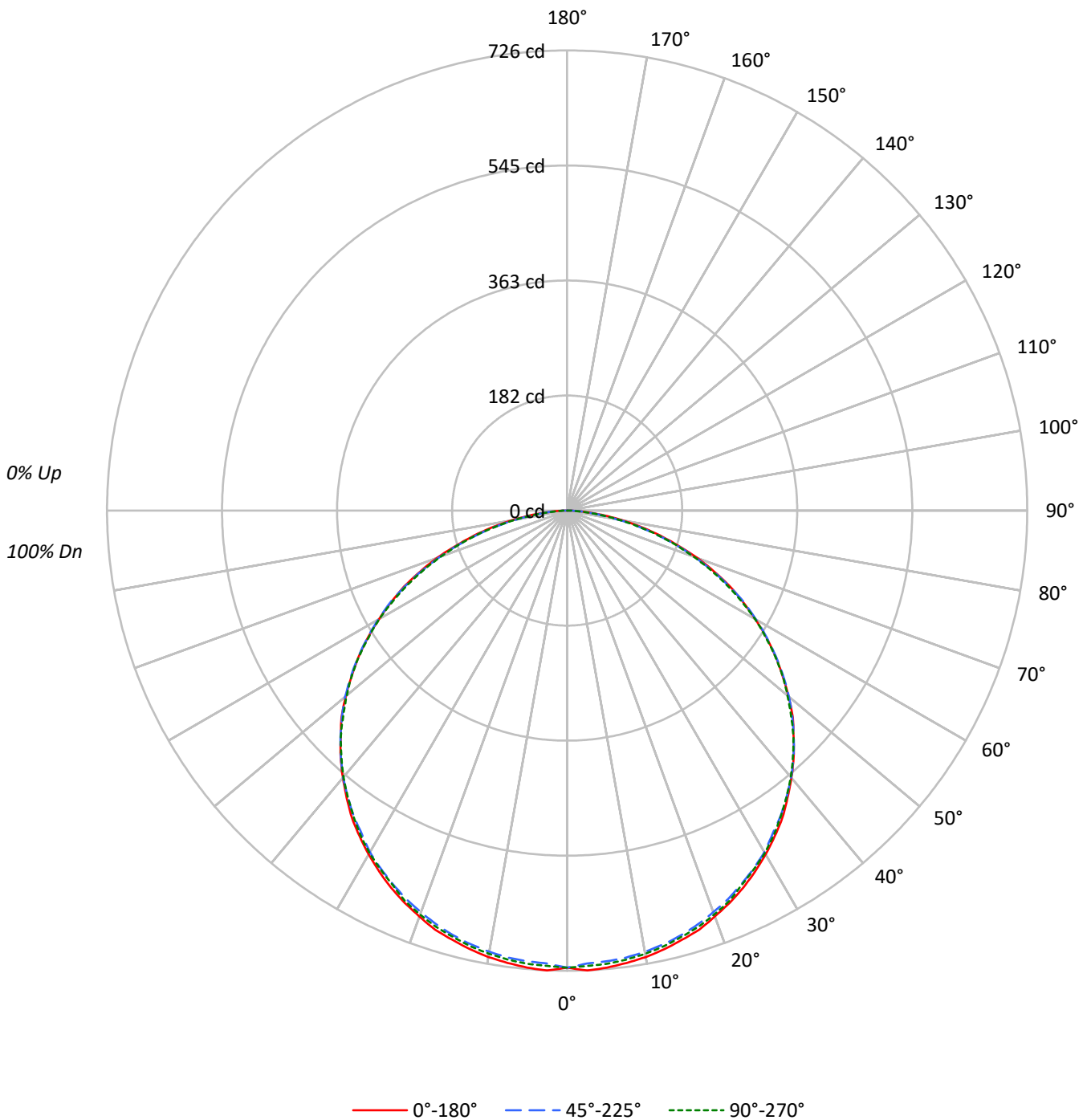
Lumens per Lamp: N/A  
Luminaire Lumens: 2156.0 lumens  
Efficiency: N/A  
Efficacy: 144.7 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.9  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	15524	15524	15524
5°	15639	15427	15512
10°	15634	15451	15521
15°	15623	15463	15521
20°	15613	15450	15539
25°	15604	15449	15480
30°	15571	15474	15507
35°	15558	15440	15456
40°	15470	15454	15434
45°	15378	15399	15378
50°	15269	15312	15202
55°	15066	15114	15039
60°	14768	14824	14742
65°	14467	14370	14171
70°	13753	13470	13306
75°	12568	12136	12185
80°	10848	10054	10290
85°	8176	7855	7040



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	68.4	3.2
10°-20°	197.1	9.1
20°-30°	301.6	14.0
30°-40°	368.7	17.1
40°-50°	390.1	18.1
50°-60°	359.4	16.7
60°-70°	276.9	12.8
70°-80°	155.2	7.2
80°-90°	38.6	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	567.1	26.3
0°-40°	935.8	43.4
0°-60°	1685.3	78.2
0°-90°	2156.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2156.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	721	721	721	721	721	
5°	724	721	714	721	718	69
15°	701	700	694	700	696	198
25°	657	656	650	656	652	303
35°	592	591	588	589	588	370
45°	505	507	506	505	505	390
55°	401	405	403	403	401	358
65°	284	284	282	275	278	279
75°	151	149	146	141	146	160
85°	33	31	32	32	28	41
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	721.1	721.1	721.1	721.1	721.1
2.5°	726.3	723.0	715.2	722.4	719.1
5°	723.7	721.1	713.9	721.1	717.8
7.5°	719.8	717.8	711.3	717.8	714.6
10°	715.2	713.3	706.8	713.3	710.0
12.5°	708.8	707.5	701.0	707.5	704.2
15°	701.0	699.7	693.8	699.7	696.4
17.5°	693.2	690.6	684.8	691.2	688.7
20°	681.5	680.2	674.4	680.2	678.3
22.5°	669.8	668.5	663.4	668.5	667.3
25°	656.9	655.6	650.4	655.6	651.7
27.5°	642.0	642.6	636.8	640.0	638.1
30°	626.4	626.4	622.5	623.8	623.8
32.5°	609.5	609.5	603.7	607.6	606.9
35°	592.0	590.7	587.5	589.4	588.1
37.5°	571.3	570.6	568.7	570.0	568.7
40°	550.5	551.2	549.9	549.2	549.2
42.5°	529.1	530.4	528.5	527.8	527.2
45°	505.1	507.1	505.8	505.1	505.1
47.5°	483.1	483.7	481.8	481.1	479.2
50°	455.9	458.5	457.2	455.9	453.9
52.5°	428.6	432.5	429.9	428.6	428.6
55°	401.4	404.6	402.7	402.7	400.7
57.5°	372.9	376.1	373.5	373.5	370.9
60°	343.0	346.3	344.3	342.4	342.4
62.5°	313.2	315.8	315.1	311.9	310.0
65°	284.0	284.0	282.1	274.9	278.2
67.5°	250.9	250.3	247.7	240.6	245.1
70°	218.5	218.5	214.0	205.6	211.4
72.5°	183.5	185.5	179.6	173.8	179.6
75°	151.1	149.1	145.9	140.7	146.5
77.5°	120.0	116.7	112.8	110.2	113.5
80°	87.5	85.6	81.1	81.1	83.0
82.5°	59.7	57.7	54.5	55.1	52.5
85°	33.1	31.1	31.8	31.8	28.5
87.5°	13.6	13.6	13.6	12.3	11.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)