

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: P565590

Luminaire Tested: **2SNX-23SL-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565590
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-L930-CD
Description: 2FT 2300 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

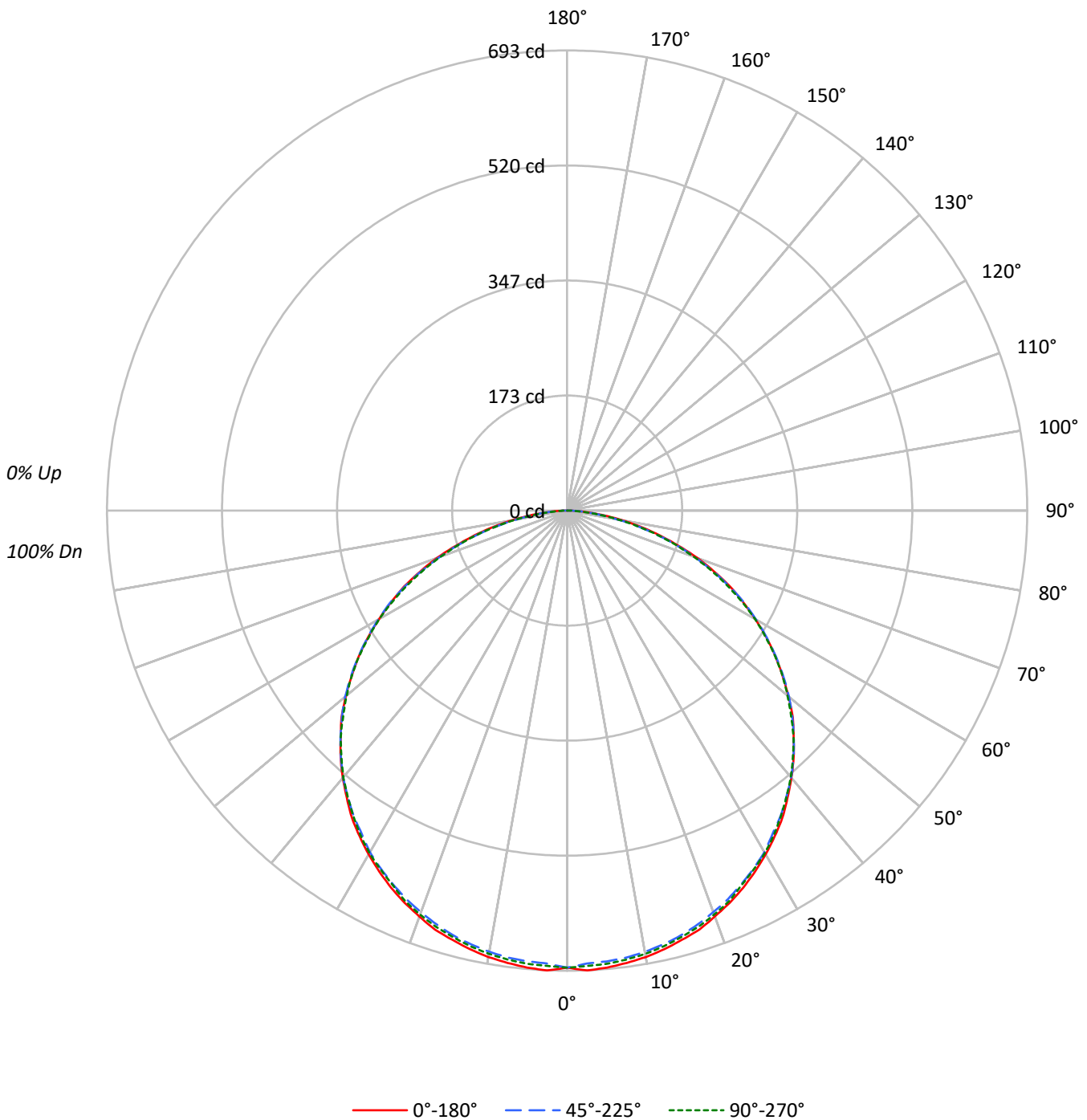
Lumens per Lamp: N/A
Luminaire Lumens: 2058.0 lumens
Efficiency: N/A
Efficacy: 138.1 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 14.9
Input Voltage (V): NR
Input Current (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	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	38	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°	14818	14818	14818
5°	14928	14727	14807
10°	14924	14749	14817
15°	14912	14761	14817
20°	14903	14747	14832
25°	14893	14746	14777
30°	14863	14771	14803
35°	14851	14738	14754
40°	14768	14751	14734
45°	14681	14699	14681
50°	14572	14616	14512
55°	14379	14428	14356
60°	14096	14152	14071
65°	13810	13718	13524
70°	13130	12859	12702
75°	11994	11587	11636
80°	10364	9596	9819
85°	7805	7484	6719



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.3	3.2
10°-20°	188.1	9.1
20°-30°	287.9	14.0
30°-40°	352.0	17.1
40°-50°	372.3	18.1
50°-60°	343.1	16.7
60°-70°	264.3	12.8
70°-80°	148.1	7.2
80°-90°	36.8	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°	541.3	26.3
0°-40°	893.3	43.4
0°-60°	1608.7	78.2
0°-90°	2058.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2058.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	688	688	688	688	688	
5°	691	688	682	688	685	66
15°	669	668	662	668	665	189
25°	627	626	621	626	622	289
35°	565	564	561	563	561	353
45°	482	484	483	482	482	372
55°	383	386	384	384	382	342
65°	271	271	269	262	266	267
75°	144	142	139	134	140	153
85°	32	30	30	30	27	39
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	688.3	688.3	688.3	688.3	688.3
2.5°	693.2	690.2	682.7	689.5	686.4
5°	690.8	688.3	681.5	688.3	685.2
7.5°	687.1	685.2	679.0	685.2	682.1
10°	682.7	680.9	674.7	680.9	677.8
12.5°	676.5	675.3	669.1	675.3	672.2
15°	669.1	667.9	662.3	667.9	664.8
17.5°	661.7	659.2	653.6	659.8	657.3
20°	650.5	649.3	643.7	649.3	647.4
22.5°	639.4	638.2	633.2	638.2	636.9
25°	627.0	625.8	620.8	625.8	622.1
27.5°	612.8	613.4	607.8	610.9	609.1
30°	597.9	597.9	594.2	595.5	595.5
32.5°	581.8	581.8	576.3	580.0	579.4
35°	565.1	563.9	560.8	562.6	561.4
37.5°	545.3	544.7	542.8	544.1	542.8
40°	525.5	526.1	524.9	524.3	524.3
42.5°	505.1	506.3	504.5	503.8	503.2
45°	482.2	484.0	482.8	482.2	482.2
47.5°	461.1	461.8	459.9	459.3	457.4
50°	435.1	437.6	436.4	435.1	433.3
52.5°	409.1	412.9	410.4	409.1	409.1
55°	383.1	386.2	384.4	384.4	382.5
57.5°	355.9	359.0	356.5	356.5	354.1
60°	327.4	330.5	328.7	326.8	326.8
62.5°	299.0	301.4	300.8	297.7	295.9
65°	271.1	271.1	269.3	262.4	265.5
67.5°	239.5	238.9	236.4	229.6	234.0
70°	208.6	208.6	204.3	196.2	201.8
72.5°	175.2	177.0	171.5	165.9	171.5
75°	144.2	142.4	139.3	134.3	139.9
77.5°	114.5	111.4	107.7	105.2	108.3
80°	83.6	81.7	77.4	77.4	79.2
82.5°	56.9	55.1	52.0	52.6	50.1
85°	31.6	29.7	30.3	30.3	27.2
87.5°	13.0	13.0	13.0	11.8	10.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)