

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: P565591

Luminaire Tested: **2SNX-23SL-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565591
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-L935-CD
Description: 2FT 2300 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

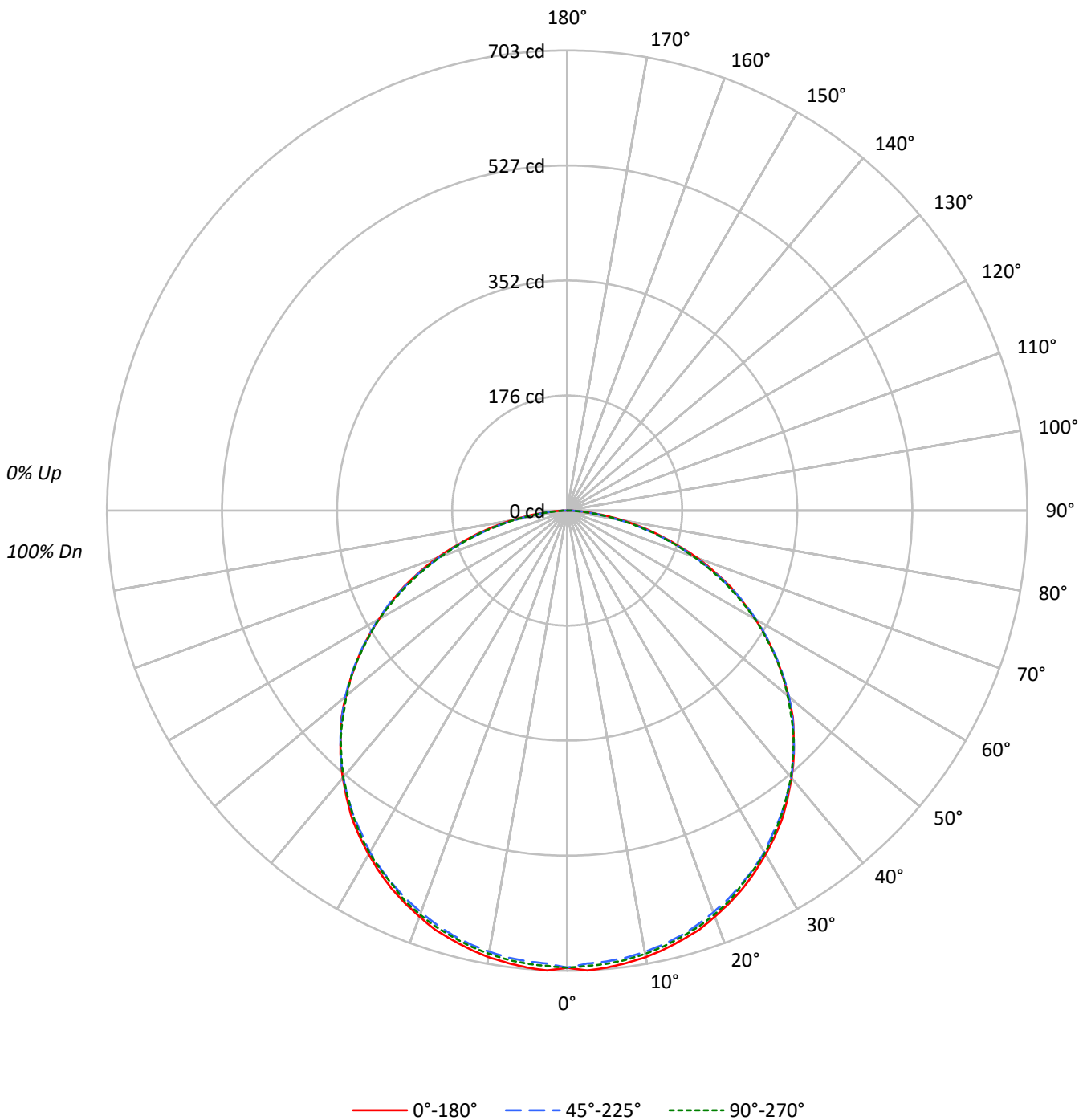
Lumens per Lamp: N/A
Luminaire Lumens: 2088.0 lumens
Efficiency: N/A
Efficacy: 140.1 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

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	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°	15033	15033	15033
5°	15144	14941	15023
10°	15142	14963	15033
15°	15131	14977	15033
20°	15120	14962	15049
25°	15112	14962	14991
30°	15079	14987	15017
35°	15069	14954	14969
40°	14984	14965	14948
45°	14894	14912	14894
50°	14786	14827	14723
55°	14589	14638	14566
60°	14303	14359	14277
65°	14013	13917	13723
70°	13319	13042	12884
75°	12169	11753	11803
80°	10513	9732	9967
85°	7904	7608	6817



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.2	3.2
10°-20°	190.9	9.1
20°-30°	292.1	14.0
30°-40°	357.1	17.1
40°-50°	377.8	18.1
50°-60°	348.1	16.7
60°-70°	268.2	12.8
70°-80°	150.3	7.2
80°-90°	37.4	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°	549.2	26.3
0°-40°	906.3	43.4
0°-60°	1632.2	78.2
0°-90°	2088.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2088.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	698	698	698	698	698	
5°	701	698	691	698	695	67
15°	679	678	672	678	674	192
25°	636	635	630	635	631	293
35°	573	572	569	571	570	358
45°	489	491	490	489	489	378
55°	389	392	390	390	388	347
65°	275	275	273	266	269	271
75°	146	144	141	136	142	155
85°	32	30	31	31	28	40
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	698.3	698.3	698.3	698.3	698.3
2.5°	703.4	700.2	692.7	699.6	696.4
5°	700.8	698.3	691.4	698.3	695.2
7.5°	697.1	695.2	688.9	695.2	692.1
10°	692.7	690.8	684.5	690.8	687.7
12.5°	686.4	685.1	678.9	685.1	682.0
15°	678.9	677.6	672.0	677.6	674.5
17.5°	671.3	668.8	663.2	669.4	666.9
20°	660.0	658.8	653.1	658.8	656.9
22.5°	648.7	647.5	642.4	647.5	646.2
25°	636.2	634.9	629.9	634.9	631.1
27.5°	621.7	622.3	616.7	619.8	617.9
30°	606.6	606.6	602.9	604.1	604.1
32.5°	590.3	590.3	584.7	588.4	587.8
35°	573.4	572.1	569.0	570.8	569.6
37.5°	553.3	552.6	550.8	552.0	550.8
40°	533.2	533.8	532.5	531.9	531.9
42.5°	512.4	513.7	511.8	511.2	510.6
45°	489.2	491.1	489.8	489.2	489.2
47.5°	467.9	468.5	466.6	466.0	464.1
50°	441.5	444.0	442.7	441.5	439.6
52.5°	415.1	418.9	416.4	415.1	415.1
55°	388.7	391.9	390.0	390.0	388.1
57.5°	361.1	364.2	361.7	361.7	359.2
60°	332.2	335.3	333.5	331.6	331.6
62.5°	303.3	305.8	305.2	302.1	300.2
65°	275.1	275.1	273.2	266.3	269.4
67.5°	243.0	242.4	239.9	233.0	237.4
70°	211.6	211.6	207.2	199.1	204.7
72.5°	177.7	179.6	174.0	168.3	174.0
75°	146.3	144.4	141.3	136.3	141.9
77.5°	116.2	113.0	109.3	106.8	109.9
80°	84.8	82.9	78.5	78.5	80.4
82.5°	57.8	55.9	52.8	53.4	50.9
85°	32.0	30.1	30.8	30.8	27.6
87.5°	13.2	13.2	13.2	11.9	10.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)