

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: P565543

Luminaire Tested: **2SNX-19SL-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565543
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-19SL-UNV-L935-CD
Description: 2FT 1900 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

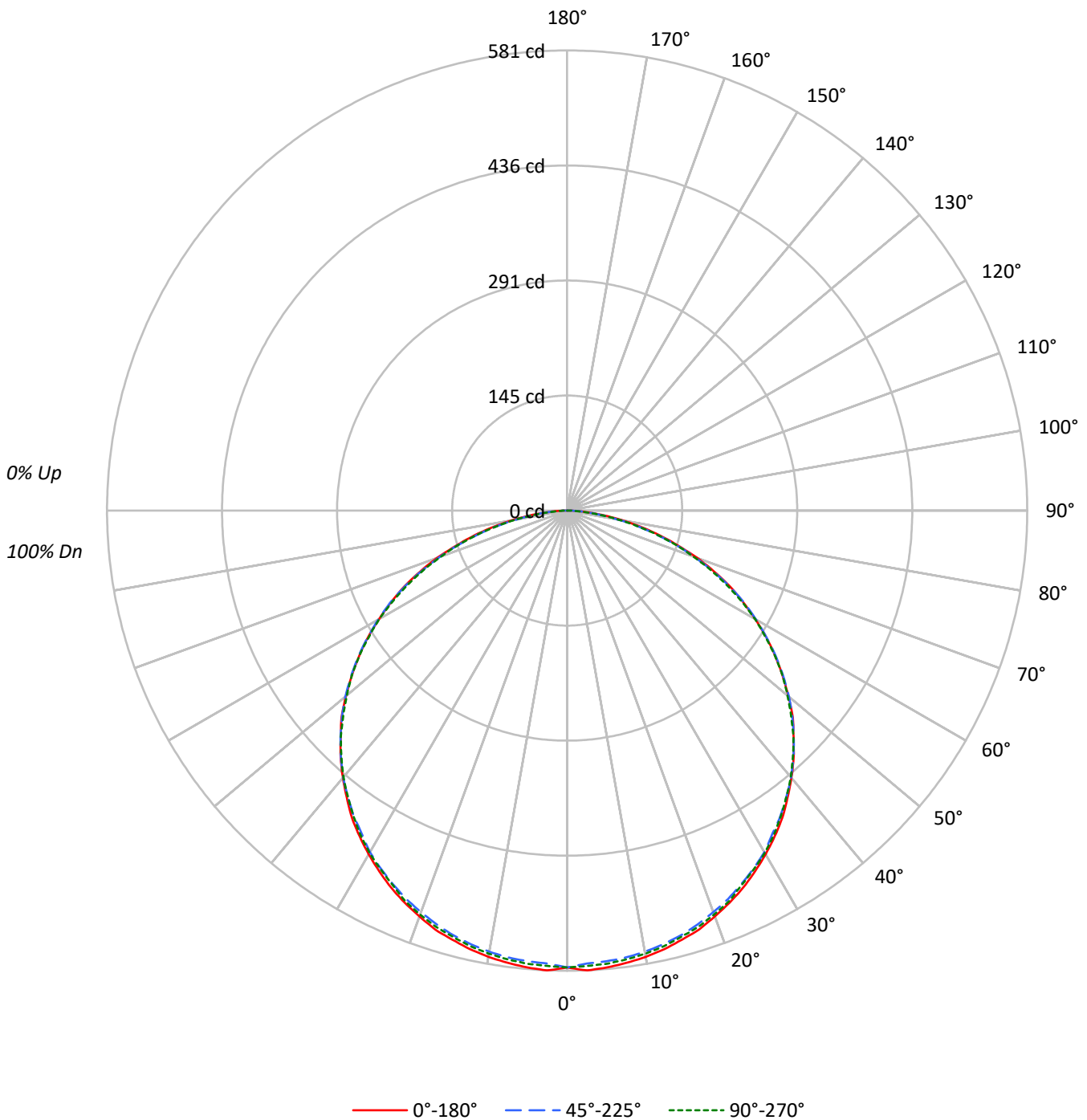
Lumens per Lamp: N/A
Luminaire Lumens: 1725.0 lumens
Efficiency: N/A
Efficacy: 143.7 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 12
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

TEST NUMBER: P565543

CATALOG NUMBER: 2SNX-19SL-UNV-L935-CD

Luminous Intensity Polar Plot





TEST NUMBER: P565543

CATALOG NUMBER: 2SNX-19SL-UNV-L935-CD

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°	12419	12419	12419
5°	12512	12344	12411
10°	12510	12362	12419
15°	12499	12372	12418
20°	12493	12362	12433
25°	12485	12361	12385
30°	12459	12382	12407
35°	12449	12352	12368
40°	12379	12365	12348
45°	12306	12321	12306
50°	12214	12251	12164
55°	12052	12093	12033
60°	11819	11862	11793
65°	11573	11497	11339
70°	11002	10776	10644
75°	10056	9707	9757
80°	8678	8046	8232
85°	6546	6274	5632



TEST NUMBER: P565543

CATALOG NUMBER: 2SNX-19SL-UNV-L935-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.7	3.2
10°-20°	157.7	9.1
20°-30°	241.3	14.0
30°-40°	295.0	17.1
40°-50°	312.1	18.1
50°-60°	287.5	16.7
60°-70°	221.6	12.8
70°-80°	124.2	7.2
80°-90°	30.9	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°	453.7	26.3
0°-40°	748.8	43.4
0°-60°	1348.4	78.2
0°-90°	1725.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1725.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	577	577	577	577	577	
5°	579	577	571	577	574	55
15°	561	560	555	560	557	158
25°	526	524	520	524	521	242
35°	474	473	470	472	471	296
45°	404	406	405	404	404	312
55°	321	324	322	322	321	287
65°	227	227	226	220	223	224
75°	121	119	117	113	117	128
85°	26	25	25	25	23	33
90°	0	0	0	0	0	



TEST NUMBER: P565543

CATALOG NUMBER: 2SNX-19SL-UNV-L935-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	576.9	576.9	576.9	576.9	576.9
2.5°	581.1	578.5	572.3	578.0	575.4
5°	579.0	576.9	571.2	576.9	574.3
7.5°	575.9	574.3	569.1	574.3	571.7
10°	572.3	570.7	565.5	570.7	568.1
12.5°	567.1	566.0	560.8	566.0	563.4
15°	560.8	559.8	555.1	559.8	557.2
17.5°	554.6	552.5	547.9	553.1	551.0
20°	545.3	544.2	539.6	544.2	542.7
22.5°	535.9	534.9	530.8	534.9	533.9
25°	525.6	524.5	520.4	524.5	521.4
27.5°	513.6	514.1	509.5	512.1	510.5
30°	501.2	501.2	498.1	499.1	499.1
32.5°	487.7	487.7	483.0	486.1	485.6
35°	473.7	472.6	470.0	471.6	470.6
37.5°	457.1	456.6	455.0	456.0	455.0
40°	440.5	441.0	440.0	439.4	439.4
42.5°	423.4	424.4	422.8	422.3	421.8
45°	404.2	405.7	404.7	404.2	404.2
47.5°	386.5	387.0	385.5	385.0	383.4
50°	364.7	366.8	365.8	364.7	363.2
52.5°	342.9	346.1	344.0	342.9	342.9
55°	321.1	323.7	322.2	322.2	320.6
57.5°	298.3	300.9	298.8	298.8	296.8
60°	274.5	277.0	275.5	273.9	273.9
62.5°	250.6	252.7	252.1	249.6	248.0
65°	227.2	227.2	225.7	220.0	222.6
67.5°	200.8	200.3	198.2	192.5	196.1
70°	174.8	174.8	171.2	164.5	169.1
72.5°	146.8	148.4	143.7	139.0	143.7
75°	120.9	119.3	116.7	112.6	117.3
77.5°	96.0	93.4	90.3	88.2	90.8
80°	70.0	68.5	64.9	64.9	66.4
82.5°	47.7	46.2	43.6	44.1	42.0
85°	26.5	24.9	25.4	25.4	22.8
87.5°	10.9	10.9	10.9	9.9	8.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)