

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: P565542

Luminaire Tested: **2SNX-19SL-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565542
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-L930-CD
Description: 2FT 1900 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

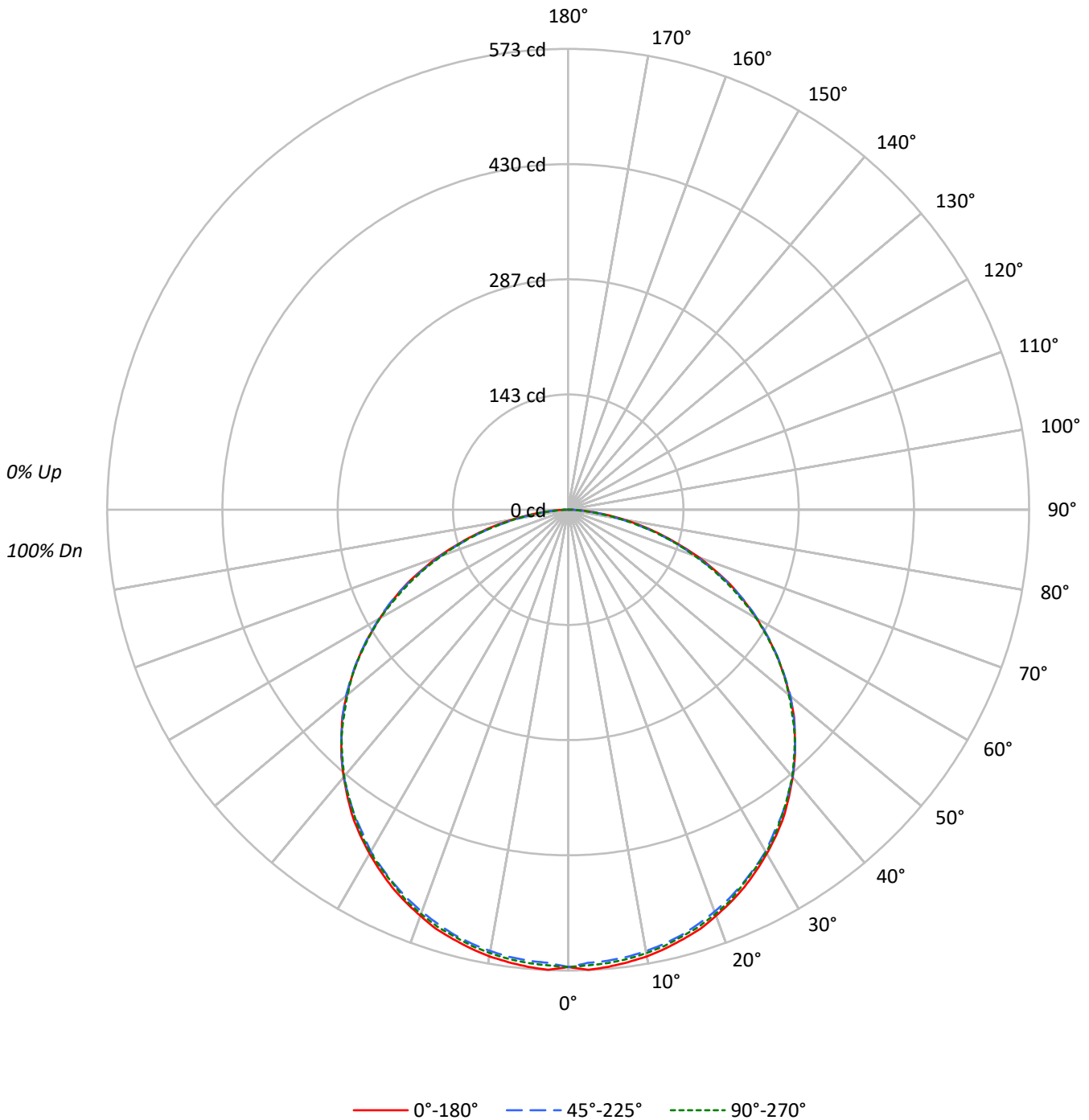
Lumens per Lamp: N/A
Luminaire Lumens: 1700.0 lumens
Efficiency: N/A
Efficacy: 141.7 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

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: P565542

CATALOG NUMBER: 2SNX-19SL-UNV-L930-CD

Luminous Intensity Polar Plot





TEST NUMBER: P565542

CATALOG NUMBER: 2SNX-19SL-UNV-L930-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	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°	12241	12241	12241
5°	12331	12164	12231
10°	12329	12183	12239
15°	12318	12193	12238
20°	12312	12183	12252
25°	12302	12181	12207
30°	12277	12200	12228
35°	12268	12173	12186
40°	12199	12185	12171
45°	12126	12141	12126
50°	12037	12074	11987
55°	11879	11917	11860
60°	11647	11690	11625
65°	11405	11329	11171
70°	10845	10619	10493
75°	9906	9565	9615
80°	8554	7922	8108
85°	6447	6200	5558



TEST NUMBER: P565542

CATALOG NUMBER: 2SNX-19SL-UNV-L930-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.9	3.2
10°-20°	155.4	9.1
20°-30°	237.8	14.0
30°-40°	290.8	17.1
40°-50°	307.6	18.1
50°-60°	283.4	16.7
60°-70°	218.4	12.8
70°-80°	122.3	7.2
80°-90°	30.4	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°	447.2	26.3
0°-40°	737.9	43.4
0°-60°	1328.9	78.2
0°-90°	1700.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1700.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	569	569	569	569	569	
5°	571	569	563	569	566	54
15°	553	552	547	552	549	156
25°	518	517	513	517	514	239
35°	467	466	463	465	464	292
45°	398	400	399	398	398	308
55°	316	319	318	318	316	283
65°	224	224	222	217	219	220
75°	119	118	115	111	116	126
85°	26	24	25	25	22	32
90°	0	0	0	0	0	



TEST NUMBER: P565542

CATALOG NUMBER: 2SNX-19SL-UNV-L930-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	568.6	568.6	568.6	568.6	568.6
2.5°	572.7	570.1	564.0	569.6	567.0
5°	570.6	568.6	562.9	568.6	566.0
7.5°	567.5	566.0	560.9	566.0	563.5
10°	564.0	562.4	557.3	562.4	559.9
12.5°	558.8	557.8	552.7	557.8	555.3
15°	552.7	551.7	547.1	551.7	549.1
17.5°	546.6	544.5	539.9	545.0	543.0
20°	537.4	536.4	531.8	536.4	534.8
22.5°	528.2	527.1	523.1	527.1	526.1
25°	517.9	516.9	512.8	516.9	513.9
27.5°	506.2	506.7	502.1	504.7	503.1
30°	493.9	493.9	490.8	491.9	491.9
32.5°	480.6	480.6	476.0	479.1	478.6
35°	466.8	465.8	463.2	464.8	463.7
37.5°	450.5	449.9	448.4	449.4	448.4
40°	434.1	434.6	433.6	433.1	433.1
42.5°	417.2	418.2	416.7	416.2	415.7
45°	398.3	399.8	398.8	398.3	398.3
47.5°	380.9	381.4	379.9	379.4	377.8
50°	359.4	361.5	360.5	359.4	357.9
52.5°	338.0	341.0	339.0	338.0	338.0
55°	316.5	319.1	317.5	317.5	316.0
57.5°	294.0	296.6	294.5	294.5	292.5
60°	270.5	273.0	271.5	270.0	270.0
62.5°	247.0	249.0	248.5	245.9	244.4
65°	223.9	223.9	222.4	216.8	219.3
67.5°	197.9	197.4	195.3	189.7	193.3
70°	172.3	172.3	168.7	162.1	166.7
72.5°	144.7	146.2	141.6	137.0	141.6
75°	119.1	117.6	115.0	111.0	115.6
77.5°	94.6	92.0	89.0	86.9	89.5
80°	69.0	67.5	63.9	63.9	65.4
82.5°	47.0	45.5	42.9	43.5	41.4
85°	26.1	24.5	25.1	25.1	22.5
87.5°	10.7	10.7	10.7	9.7	8.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)