

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: P565502

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565502
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-15)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNX-19SL-FDL-UNV-L930-CD
Description: 2FT 1900 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND FDL LENS
Light Source: -
Ballast/Driver: -

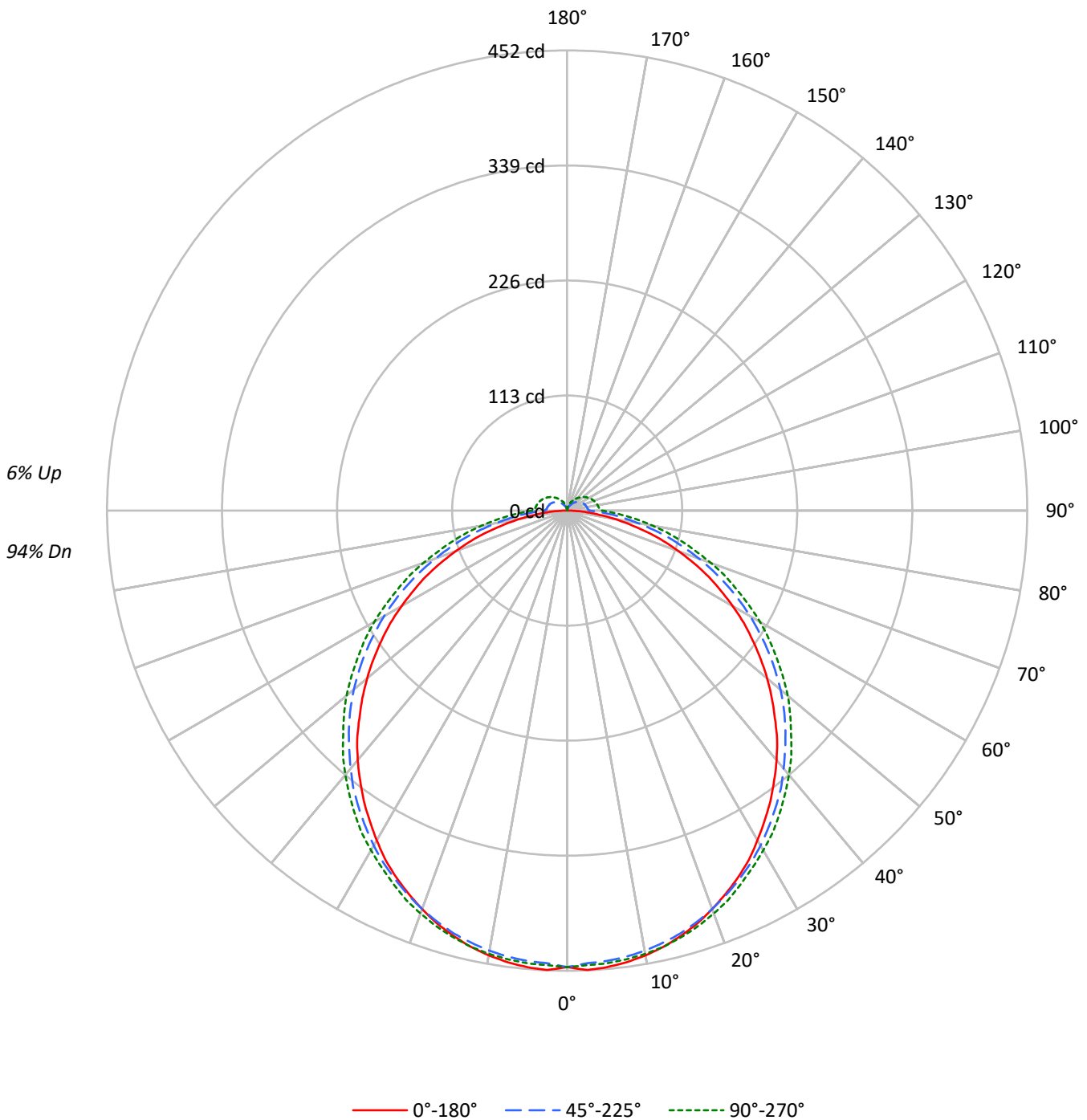
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1425.0 lumens
Efficiency: N/A
Efficacy: 118.7 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.28 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.04')
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

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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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	94
1	107	102	97	93	103	99	95	91	93	90	87	88	86	83	84	82	80	77
2	97	88	81	75	93	86	79	74	81	76	71	77	73	69	73	69	66	64
3	88	77	69	62	85	75	67	61	71	65	59	68	62	57	64	60	56	53
4	80	68	59	52	78	66	58	52	63	56	50	60	54	49	57	52	48	45
5	74	61	52	45	71	59	51	44	56	49	43	54	47	42	51	46	41	39
6	68	55	46	39	66	53	45	39	51	43	38	49	42	37	47	41	36	34
7	63	49	41	34	61	48	40	34	46	39	33	44	38	33	43	37	32	30
8	59	45	36	31	57	44	36	30	42	35	30	41	34	29	39	33	29	27
9	55	41	33	27	53	40	33	27	39	32	27	37	31	26	36	30	26	24
10	51	38	30	25	50	37	30	25	36	29	24	35	28	24	33	28	24	22

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	9653	9653	9653
5°	9711	9487	9508
10°	9662	9379	9388
15°	9581	9255	9255
20°	9472	9105	9098
25°	9349	8941	8911
30°	9186	8774	8737
35°	9019	8580	8557
40°	8838	8366	8355
45°	8610	8153	8118
50°	8386	7910	7905
55°	8113	7612	7603
60°	7800	7273	7310
65°	7470	6866	6905
70°	6912	6358	6480
75°	6236	5759	5979
80°	5233	4968	5417
85°	3930	4262	4761



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.5	3.0
10°-20°	122.0	8.6
20°-30°	184.9	13.0
30°-40°	223.2	15.7
40°-50°	233.1	16.4
50°-60°	214.2	15.0
60°-70°	169.4	11.9
70°-80°	107.2	7.5
80°-90°	46.1	3.2
90°-100°	20.3	1.4
100°-110°	18.2	1.3
110°-120°	15.3	1.1
120°-130°	11.9	0.8
130°-140°	8.3	0.6
140°-150°	5.0	0.3
150°-160°	2.4	0.2
160°-170°	0.8	0.1
170°-180°	0.1	0.0
0°-30°	349.5	24.5
0°-40°	572.7	40.2
0°-60°	1020.0	71.6
0°-90°	1342.6	94.2
90°-120°	53.8	3.8
90°-150°	79.0	5.5
90°-180°	82.0	5.8
0°-180°	1425.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	448	448	448	448	448	
5°	450	449	444	448	446	43
15°	432	432	430	434	434	122
25°	397	399	400	405	404	183
35°	348	352	357	362	364	218
45°	289	296	303	309	311	223
55°	223	232	241	249	251	199
65°	153	162	173	181	184	151
75°	81	90	104	112	117	86
85°	20	30	43	53	56	22
90°	1	11	22	31	34	2
95°	0	9	20	28	31	0
105°	0	9	19	26	29	0
115°	0	7	17	24	26	0
125°	0	7	14	21	23	0
135°	0	5	12	16	18	0
145°	0	4	8	12	14	0
155°	0	2	5	8	9	0
165°	1	2	3	4	5	0
175°	1	1	1	1	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	448.4	448.4	448.4	448.4	448.4
2.5°	451.7	450.2	445.1	448.7	446.9
5°	450.2	448.9	444.1	447.9	446.4
7.5°	447.4	446.4	442.1	446.1	444.6
10°	443.6	442.9	439.1	443.1	442.1
12.5°	438.8	438.6	434.8	439.3	438.6
15°	432.3	432.3	430.0	434.5	433.8
17.5°	425.2	425.5	423.7	428.5	428.0
20°	416.6	417.9	416.6	421.7	421.2
22.5°	407.3	409.1	408.5	413.6	413.8
25°	397.4	399.2	399.7	405.0	404.3
27.5°	386.6	389.4	390.4	395.2	394.9
30°	374.0	377.8	380.0	384.1	385.3
32.5°	361.1	365.7	368.4	374.0	375.5
35°	348.2	352.3	356.8	362.4	363.6
37.5°	334.1	338.6	344.7	350.0	351.5
40°	320.0	325.0	330.8	336.6	338.9
42.5°	305.3	310.6	316.9	323.8	326.0
45°	288.7	295.8	303.3	309.1	311.1
47.5°	272.8	280.6	288.7	295.0	297.3
50°	256.6	265.0	273.5	279.3	282.9
52.5°	239.7	248.8	257.4	264.7	267.0
55°	222.6	231.7	241.2	249.1	250.8
57.5°	205.9	214.7	224.3	231.7	235.2
60°	187.7	197.3	207.7	215.0	218.8
62.5°	170.1	179.4	190.5	198.3	201.4
65°	153.2	161.8	173.1	181.2	184.0
67.5°	134.5	144.3	155.2	164.5	168.1
70°	116.1	125.4	137.8	146.6	150.1
72.5°	98.9	108.0	120.4	129.2	132.5
75°	80.8	90.3	103.5	112.3	116.6
77.5°	63.3	73.9	86.6	96.1	100.9
80°	47.2	56.5	70.2	80.8	85.0
82.5°	32.0	42.1	56.3	66.1	70.9
85°	19.7	30.3	43.4	52.7	56.0
87.5°	9.3	19.4	31.5	40.6	44.7
90°	1.3	10.9	22.2	31.0	34.3
92.5°	0.3	9.3	20.4	28.8	31.8
95°	0.3	9.3	20.2	28.3	31.3
97.5°	0.3	9.1	19.9	28.0	30.8
100°	0.3	8.8	19.7	27.5	30.5
102.5°	0.3	8.8	19.2	27.0	29.8
105°	0.3	8.6	18.9	26.5	29.3
107.5°	0.3	8.3	18.4	26.0	28.8
110°	0.3	7.8	18.2	25.2	28.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.3	7.6	17.7	24.7	27.3
115°	0.3	7.3	17.2	24.0	26.5
117.5°	0.3	7.1	16.4	23.2	25.7
120°	0.5	7.1	15.9	22.5	24.7
122.5°	0.5	6.8	15.1	21.4	23.7
125°	0.5	6.6	14.4	20.7	23.0
127.5°	0.5	6.3	13.6	19.7	21.7
130°	0.5	5.8	13.1	18.7	20.7
132.5°	0.5	5.6	12.4	17.4	19.4
135°	0.5	5.0	11.6	16.4	18.4
137.5°	0.5	4.8	10.9	15.4	17.2
140°	0.5	4.5	9.8	14.4	16.2
142.5°	0.5	4.0	9.1	13.4	14.9
145°	0.5	3.8	8.1	12.4	13.6
147.5°	0.5	3.3	7.3	11.4	12.6
150°	0.5	3.0	6.6	10.3	11.6
152.5°	0.5	2.8	5.8	9.1	10.3
155°	0.5	2.5	5.3	7.8	9.3
157.5°	0.5	2.3	4.5	6.8	8.3
160°	0.8	2.0	4.0	5.8	7.1
162.5°	0.8	1.8	3.3	4.8	6.3
165°	0.8	1.8	2.8	3.8	5.3
167.5°	0.8	1.5	2.3	3.0	4.3
170°	0.8	1.3	2.0	2.3	3.3
172.5°	0.8	1.0	1.5	1.5	1.8
175°	0.8	1.0	1.3	1.3	0.8
177.5°	0.8	0.8	0.8	0.8	0.5
180°	0.8	0.8	0.8	0.8	0.8

(END OF REPORT)