

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: P565646

Luminaire Tested: **2SNX-30SL-FDL-UNV-L930-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565646  
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-30SL-FDL-UNV-L930-CD  
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND FDL LENS  
Light Source: -  
Ballast/Driver: -

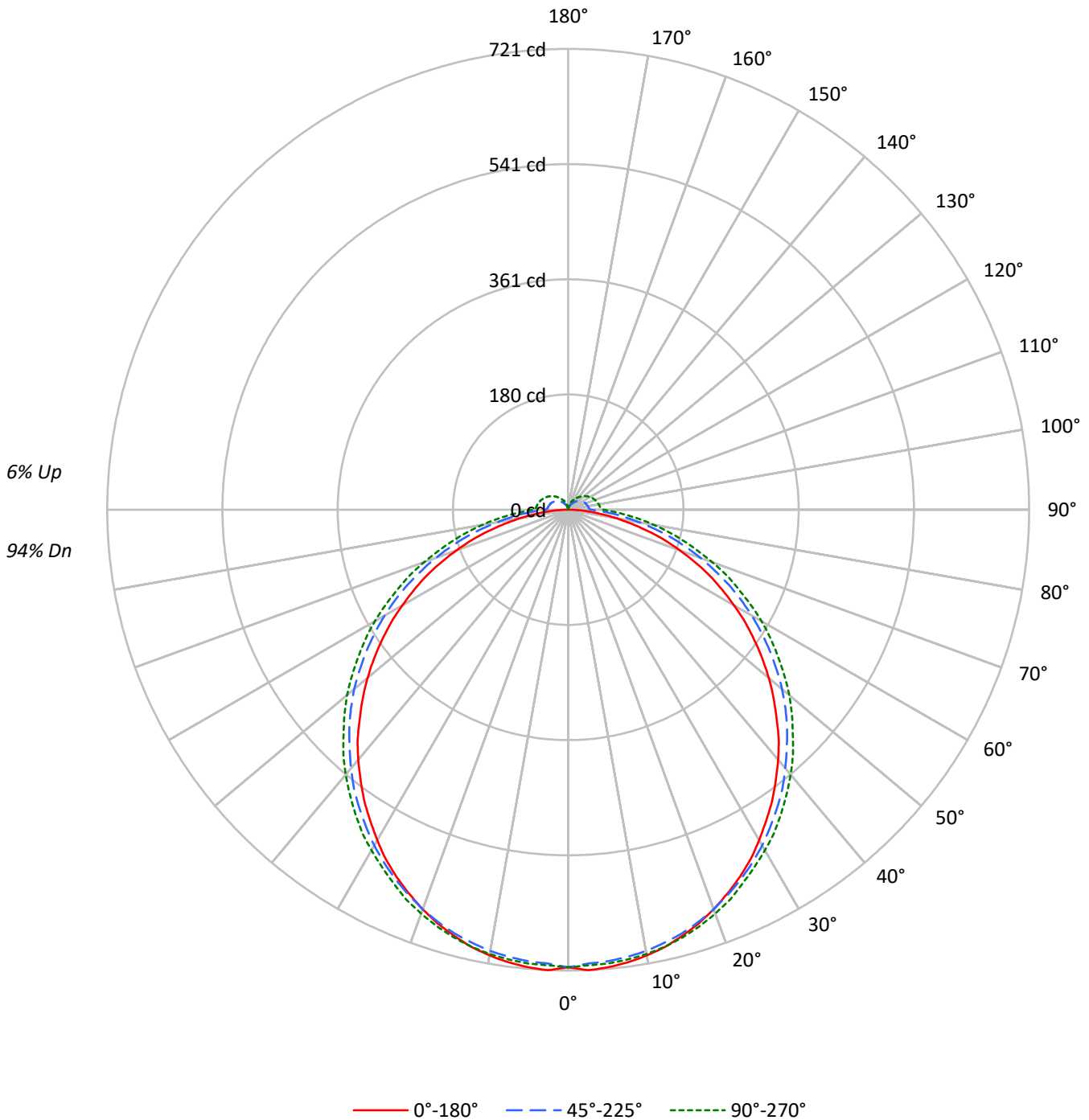
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2275.0 lumens  
Efficiency: N/A  
Efficacy: 108.3 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): 21  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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°	15412	15412	15412
5°	15503	15148	15180
10°	15425	14974	14988
15°	15295	14775	14774
20°	15122	14536	14523
25°	14926	14274	14225
30°	14666	14009	13950
35°	14402	13700	13662
40°	14108	13358	13341
45°	13746	13016	12962
50°	13389	12630	12618
55°	12950	12153	12142
60°	12454	11611	11670
65°	11922	10963	11022
70°	11032	10150	10349
75°	9948	9192	9543
80°	8349	7926	8655
85°	6264	6805	7601



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	67.9	3.0
10°-20°	194.8	8.6
20°-30°	295.2	13.0
30°-40°	356.4	15.7
40°-50°	372.2	16.4
50°-60°	341.9	15.0
60°-70°	270.4	11.9
70°-80°	171.1	7.5
80°-90°	73.6	3.2
90°-100°	32.4	1.4
100°-110°	29.0	1.3
110°-120°	24.5	1.1
120°-130°	19.1	0.8
130°-140°	13.2	0.6
140°-150°	7.9	0.3
150°-160°	3.9	0.2
160°-170°	1.3	0.1
170°-180°	0.2	0.0
0°-30°	558.0	24.5
0°-40°	914.4	40.2
0°-60°	1628.5	71.6
0°-90°	2143.5	94.2
90°-120°	85.8	3.8
90°-150°	126.0	5.5
90°-180°	131.0	5.8
0°-180°	2275.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	716	716	716	716	716	
5°	719	717	709	715	713	68
15°	690	690	686	694	692	195
25°	634	637	638	647	645	292
35°	556	562	570	578	580	348
45°	461	472	484	494	497	356
55°	355	370	385	398	400	318
65°	244	258	276	289	294	241
75°	129	144	165	179	186	137
85°	31	48	69	84	89	35
90°	2	17	36	50	55	3
95°	0	15	32	45	50	0
105°	0	14	30	42	47	0
115°	0	12	27	38	42	0
125°	1	10	23	33	37	1
135°	1	8	18	26	29	1
145°	1	6	13	20	22	1
155°	1	4	8	12	15	0
165°	1	3	4	6	8	0
175°	1	2	2	2	1	0
180°	1	1	1	1	1	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	715.9	715.9	715.9	715.9	715.9
2.5°	721.1	718.7	710.7	716.3	713.5
5°	718.7	716.7	709.1	715.1	712.7
7.5°	714.3	712.7	705.8	712.3	709.9
10°	708.2	707.0	701.0	707.4	705.8
12.5°	700.6	700.2	694.1	701.4	700.2
15°	690.1	690.1	686.5	693.7	692.5
17.5°	678.8	679.2	676.4	684.1	683.3
20°	665.1	667.2	665.1	673.2	672.4
22.5°	650.2	653.1	652.2	660.3	660.7
25°	634.5	637.3	638.1	646.6	645.4
27.5°	617.2	621.6	623.2	630.9	630.5
30°	597.1	603.1	606.7	613.2	615.2
32.5°	576.5	583.8	588.2	597.1	599.5
35°	556.0	562.4	569.7	578.5	580.5
37.5°	533.4	540.7	550.3	558.8	561.2
40°	510.8	518.9	528.2	537.4	541.1
42.5°	487.5	495.9	506.0	516.9	520.5
45°	460.9	472.2	484.2	493.5	496.7
47.5°	435.5	448.0	460.9	471.0	474.6
50°	409.7	423.0	436.7	446.0	451.6
52.5°	382.7	397.2	410.9	422.6	426.2
55°	355.3	369.8	385.1	397.6	400.5
57.5°	328.7	342.8	358.2	369.8	375.5
60°	299.7	315.0	331.6	343.2	349.3
62.5°	271.5	286.4	304.2	316.7	321.5
65°	244.5	258.2	276.4	289.3	293.7
67.5°	214.7	230.4	247.8	262.7	268.3
70°	185.3	200.2	220.0	234.1	239.7
72.5°	157.9	172.4	192.2	206.3	211.5
75°	128.9	144.2	165.2	179.3	186.1
77.5°	101.1	118.0	138.2	153.5	161.1
80°	75.3	90.2	112.0	128.9	135.8
82.5°	51.2	67.3	89.8	105.6	113.2
85°	31.4	48.3	69.3	84.2	89.4
87.5°	14.9	31.0	50.4	64.9	71.3
90°	2.0	17.3	35.5	49.6	54.8
92.5°	0.4	14.9	32.6	45.9	50.8
95°	0.4	14.9	32.2	45.1	50.0
97.5°	0.4	14.5	31.8	44.7	49.2
100°	0.4	14.1	31.4	43.9	48.7
102.5°	0.4	14.1	30.6	43.1	47.5
105°	0.4	13.7	30.2	42.3	46.7
107.5°	0.4	13.3	29.4	41.5	45.9
110°	0.4	12.5	29.0	40.3	44.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	0.4	12.1	28.2	39.5	43.5
115°	0.4	11.7	27.4	38.3	42.3
117.5°	0.4	11.3	26.2	37.1	41.1
120°	0.8	11.3	25.4	35.9	39.5
122.5°	0.8	10.9	24.2	34.2	37.9
125°	0.8	10.5	23.0	33.0	36.7
127.5°	0.8	10.1	21.8	31.4	34.6
130°	0.8	9.3	20.9	29.8	33.0
132.5°	0.8	8.9	19.7	27.8	31.0
135°	0.8	8.1	18.5	26.2	29.4
137.5°	0.8	7.7	17.3	24.6	27.4
140°	0.8	7.3	15.7	23.0	25.8
142.5°	0.8	6.4	14.5	21.4	23.8
145°	0.8	6.0	12.9	19.7	21.8
147.5°	0.8	5.2	11.7	18.1	20.1
150°	0.8	4.8	10.5	16.5	18.5
152.5°	0.8	4.4	9.3	14.5	16.5
155°	0.8	4.0	8.5	12.5	14.9
157.5°	0.8	3.6	7.3	10.9	13.3
160°	1.2	3.2	6.4	9.3	11.3
162.5°	1.2	2.8	5.2	7.7	10.1
165°	1.2	2.8	4.4	6.0	8.5
167.5°	1.2	2.4	3.6	4.8	6.8
170°	1.2	2.0	3.2	3.6	5.2
172.5°	1.2	1.6	2.4	2.4	2.8
175°	1.2	1.6	2.0	2.0	1.2
177.5°	1.2	1.2	1.2	1.2	0.8
180°	1.2	1.2	1.2	1.2	1.2

(END OF REPORT)