

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: P565670

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

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565670  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 2SNX-30SL-LW-UNV-L930-CD  
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LW LENS  
Light Source: -  
Ballast/Driver: -

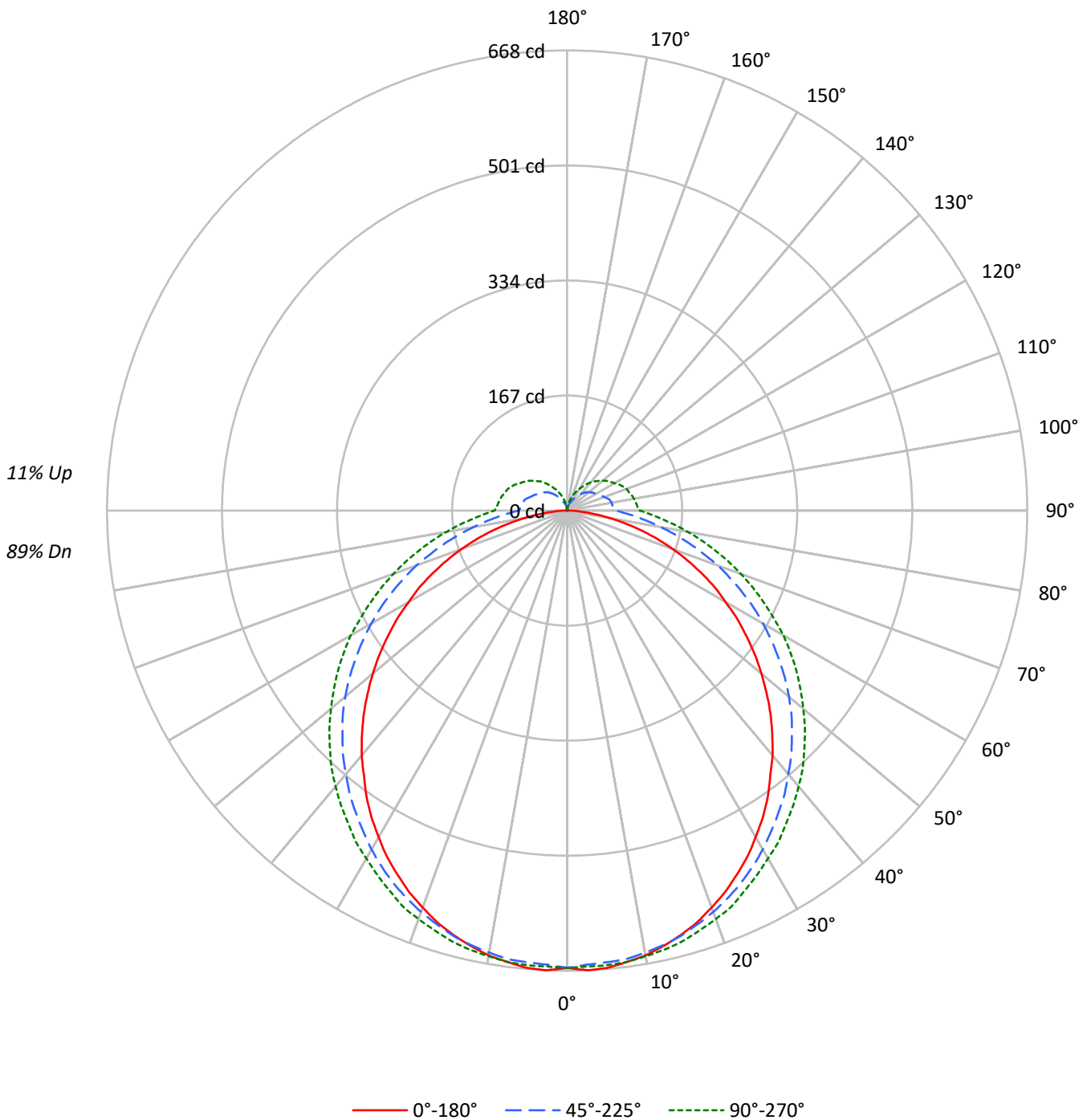
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2363.0 lumens  
Efficiency: N/A  
Efficacy: 112.5 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')  
CIE Type: Semi-Direct

Input Watts (W): 21  
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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	100	95	90	101	96	92	88	90	86	83	84	81	79	79	76	74	71
2	95	86	79	73	91	83	76	71	78	72	68	73	68	64	68	65	61	58
3	86	75	67	60	83	73	65	59	68	61	56	64	58	54	60	55	51	49
4	79	66	57	50	75	64	56	49	60	53	47	57	50	46	53	48	44	41
5	72	59	50	43	69	57	49	42	54	46	41	51	44	39	48	42	38	35
6	67	53	44	37	64	51	43	37	48	41	35	46	39	34	43	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	39	34	29	27
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	30	26	24
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	24	22
10	50	37	29	24	48	36	28	23	34	27	23	32	26	22	31	25	21	20

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	14290	14290	14290
5°	14299	13595	13526
10°	14124	13024	12849
15°	13904	12472	12240
20°	13632	11906	11631
25°	13330	11363	11035
30°	12983	10810	10464
35°	12610	10255	9931
40°	12187	9714	9422
45°	11730	9175	8900
50°	11217	8623	8352
55°	10649	8009	7816
60°	9989	7372	7247
65°	9287	6688	6600
70°	8343	5961	5962
75°	7119	5120	5287
80°	5304	4275	4613
85°	3112	3494	3923



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	63.0	2.7
10°-20°	181.2	7.7
20°-30°	275.5	11.7
30°-40°	334.5	14.2
40°-50°	353.5	15.0
50°-60°	330.8	14.0
60°-70°	271.4	11.5
70°-80°	186.7	7.9
80°-90°	102.2	4.3
90°-100°	65.8	2.8
100°-110°	59.1	2.5
110°-120°	48.9	2.1
120°-130°	37.7	1.6
130°-140°	26.5	1.1
140°-150°	15.9	0.7
150°-160°	7.6	0.3
160°-170°	2.5	0.1
170°-180°	0.3	0.0
0°-30°	519.8	22.0
0°-40°	854.3	36.2
0°-60°	1538.5	65.1
0°-90°	2098.7	88.8
90°-120°	173.8	7.4
90°-150°	253.8	10.7
90°-180°	264.0	11.2
0°-180°	2363.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	664	664	664	664	664	
5°	666	665	658	664	662	63
15°	638	640	639	647	647	180
25°	583	590	597	609	609	269
35°	508	520	535	550	554	317
45°	417	437	461	482	487	322
55°	318	344	375	398	406	284
65°	215	244	281	307	315	213
75°	112	142	183	212	222	118
85°	25	59	100	127	137	28
90°	0	33	70	96	105	2
95°	0	32	67	92	101	0
105°	0	26	63	86	94	1
115°	1	23	53	77	86	1
125°	1	19	45	66	74	1
135°	1	15	37	53	60	1
145°	1	11	26	41	45	1
155°	1	7	16	26	30	1
165°	1	4	8	12	15	0
175°	1	1	3	3	1	0
180°	1	1	1	1	1	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	663.8	663.8	663.8	663.8	663.8
2.5°	667.9	666.5	659.7	665.1	662.4
5°	666.5	665.1	658.3	663.8	662.4
7.5°	661.0	661.0	656.9	662.4	661.0
10°	655.6	655.6	651.5	658.3	656.9
12.5°	647.3	648.7	646.0	654.2	652.8
15°	637.8	640.5	639.1	647.3	647.3
17.5°	626.8	629.6	629.6	639.1	639.1
20°	613.1	617.2	620.0	630.9	630.9
22.5°	599.4	604.9	609.0	618.6	622.7
25°	583.0	589.9	596.7	609.0	609.0
27.5°	566.6	574.8	583.0	595.3	596.7
30°	547.4	557.0	568.0	580.3	583.0
32.5°	528.3	540.6	551.5	566.6	570.7
35°	507.8	520.1	535.1	550.2	554.3
37.5°	484.5	499.5	518.7	535.1	539.2
40°	464.0	480.4	499.5	518.7	522.8
42.5°	440.7	458.5	481.7	499.5	506.4
45°	417.4	436.6	461.2	481.7	487.2
47.5°	392.8	414.7	442.1	461.2	468.1
50°	368.2	391.4	420.2	442.1	447.5
52.5°	343.5	368.2	398.3	420.2	427.0
55°	317.5	343.5	375.0	398.3	406.5
57.5°	292.9	318.9	351.7	376.4	384.6
60°	265.5	295.6	328.5	353.1	362.7
62.5°	242.2	269.6	305.2	329.8	338.0
65°	214.9	243.6	280.6	306.6	314.8
67.5°	188.9	219.0	255.9	283.3	291.5
70°	162.9	193.0	232.7	258.7	268.2
72.5°	136.9	168.3	206.7	235.4	245.0
75°	112.2	142.3	183.4	212.1	221.7
77.5°	86.2	119.1	160.1	188.9	199.8
80°	63.0	97.2	138.2	167.0	177.9
82.5°	42.4	76.6	117.7	146.4	157.4
85°	24.6	58.8	99.9	127.3	136.9
87.5°	12.3	45.2	83.5	110.9	120.4
90°	0.0	32.8	69.8	95.8	105.4
92.5°	0.0	31.5	68.4	93.1	102.6
95°	0.0	31.5	67.1	91.7	101.3
97.5°	0.0	30.1	65.7	91.7	99.9
100°	0.0	28.7	65.7	90.3	98.5
102.5°	0.0	27.4	64.3	89.0	97.2
105°	0.0	26.0	63.0	86.2	94.4
107.5°	1.4	26.0	60.2	84.9	93.1
110°	1.4	24.6	57.5	83.5	91.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.4	23.3	54.7	80.7	89.0
115°	1.4	23.3	53.4	76.6	86.2
117.5°	1.4	21.9	50.6	73.9	83.5
120°	1.4	21.9	49.3	71.2	79.4
122.5°	1.4	20.5	46.5	68.4	76.6
125°	1.4	19.2	45.2	65.7	73.9
127.5°	1.4	17.8	43.8	63.0	71.2
130°	1.4	16.4	41.1	60.2	67.1
132.5°	1.4	16.4	39.7	56.1	64.3
135°	1.4	15.1	37.0	53.4	60.2
137.5°	1.4	13.7	34.2	50.6	57.5
140°	1.4	12.3	31.5	47.9	53.4
142.5°	1.4	12.3	28.7	43.8	49.3
145°	1.4	10.9	26.0	41.1	45.2
147.5°	1.4	9.6	23.3	37.0	41.1
150°	1.4	9.6	20.5	32.8	37.0
152.5°	1.4	8.2	17.8	30.1	34.2
155°	1.4	6.8	16.4	26.0	30.1
157.5°	1.4	6.8	13.7	21.9	26.0
160°	1.4	5.5	12.3	17.8	21.9
162.5°	1.4	5.5	10.9	15.1	19.2
165°	1.4	4.1	8.2	12.3	15.1
167.5°	1.4	4.1	6.8	9.6	12.3
170°	1.4	2.7	5.5	6.8	9.6
172.5°	1.4	2.7	4.1	4.1	4.1
175°	1.4	1.4	2.7	2.7	1.4
177.5°	1.4	1.4	1.4	1.4	1.4
180°	1.4	1.4	1.4	1.4	1.4

(END OF REPORT)