

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: P565671

Luminaire Tested: **2SNX-30SL-LW-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565671
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-L935-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

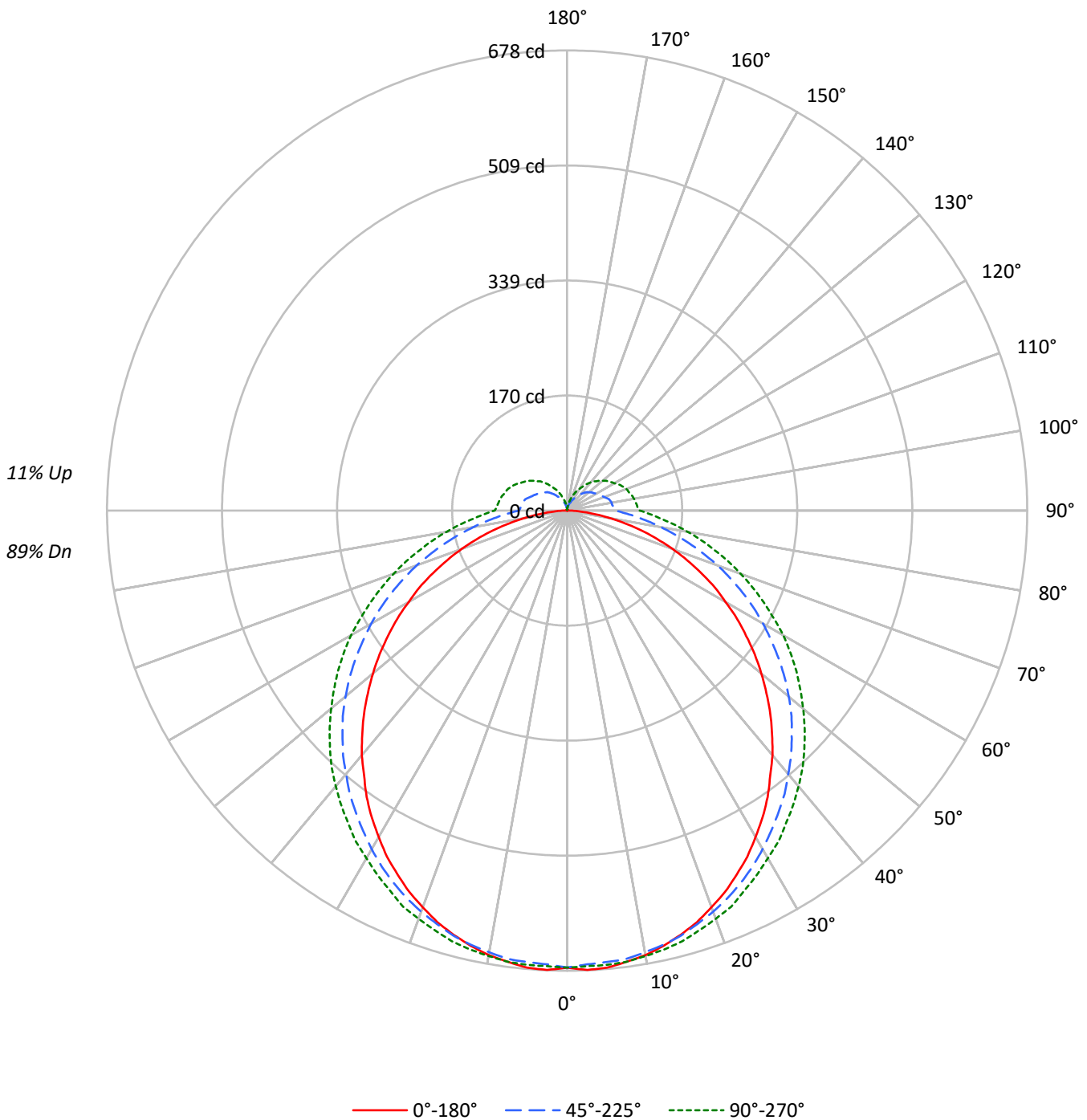
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2397.0 lumens
Efficiency: N/A
Efficacy: 114.1 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	77	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°	14495	14495	14495
5°	14505	13791	13720
10°	14326	13210	13035
15°	14103	12651	12418
20°	13830	12077	11799
25°	13522	11527	11195
30°	13170	10964	10615
35°	12791	10402	10075
40°	12361	9854	9557
45°	11899	9309	9027
50°	11379	8746	8473
55°	10803	8124	7927
60°	10132	7477	7351
65°	9421	6783	6694
70°	8461	6046	6048
75°	7220	5193	5363
80°	5379	4337	4681
85°	3163	3543	3977



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.0	2.7
10°-20°	183.8	7.7
20°-30°	279.5	11.7
30°-40°	339.3	14.2
40°-50°	358.5	15.0
50°-60°	335.5	14.0
60°-70°	275.3	11.5
70°-80°	189.3	7.9
80°-90°	103.7	4.3
90°-100°	66.8	2.8
100°-110°	59.9	2.5
110°-120°	49.6	2.1
120°-130°	38.2	1.6
130°-140°	26.8	1.1
140°-150°	16.2	0.7
150°-160°	7.7	0.3
160°-170°	2.5	0.1
170°-180°	0.3	0.0
0°-30°	527.3	22.0
0°-40°	866.6	36.2
0°-60°	1560.6	65.1
0°-90°	2129.0	88.8
90°-120°	176.3	7.4
90°-150°	257.5	10.7
90°-180°	268.0	11.2
0°-180°	2397.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	673	673	673	673	673	
5°	676	675	668	673	672	64
15°	647	650	648	657	657	182
25°	591	598	605	618	618	273
35°	515	528	543	558	562	322
45°	423	443	468	489	494	326
55°	322	348	380	404	412	288
65°	218	247	285	311	319	216
75°	114	144	186	215	225	120
85°	25	60	101	129	139	29
90°	0	33	71	97	107	2
95°	0	32	68	93	103	0
105°	0	26	64	88	96	1
115°	1	24	54	78	88	1
125°	1	19	46	67	75	1
135°	1	15	38	54	61	1
145°	1	11	26	42	46	1
155°	1	7	17	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°	673.3	673.3	673.3	673.3	673.3
2.5°	677.5	676.1	669.2	674.7	671.9
5°	676.1	674.7	667.8	673.3	671.9
7.5°	670.5	670.5	666.4	671.9	670.5
10°	665.0	665.0	660.8	667.8	666.4
12.5°	656.7	658.1	655.3	663.6	662.2
15°	646.9	649.7	648.3	656.7	656.7
17.5°	635.8	638.6	638.6	648.3	648.3
20°	622.0	626.1	628.9	640.0	640.0
22.5°	608.1	613.6	617.8	627.5	631.7
25°	591.4	598.4	605.3	617.8	617.8
27.5°	574.8	583.1	591.4	603.9	605.3
30°	555.3	565.0	576.1	588.6	591.4
32.5°	535.9	548.4	559.5	574.8	578.9
35°	515.1	527.6	542.8	558.1	562.3
37.5°	491.5	506.7	526.2	542.8	547.0
40°	470.6	487.3	506.7	526.2	530.3
42.5°	447.0	465.1	488.7	506.7	513.7
45°	423.4	442.9	467.9	488.7	494.2
47.5°	398.4	420.7	448.4	467.9	474.8
50°	373.5	397.1	426.2	448.4	454.0
52.5°	348.5	373.5	404.0	426.2	433.1
55°	322.1	348.5	380.4	404.0	412.3
57.5°	297.1	323.5	356.8	381.8	390.1
60°	269.3	299.9	333.2	358.2	367.9
62.5°	245.7	273.5	309.6	334.6	342.9
65°	218.0	247.1	284.6	311.0	319.3
67.5°	191.6	222.1	259.6	287.4	295.7
70°	165.2	195.7	236.0	262.4	272.1
72.5°	138.8	170.8	209.6	238.8	248.5
75°	113.8	144.4	186.0	215.2	224.9
77.5°	87.5	120.8	162.4	191.6	202.7
80°	63.9	98.6	140.2	169.4	180.5
82.5°	43.0	77.7	119.4	148.5	159.7
85°	25.0	59.7	101.3	129.1	138.8
87.5°	12.5	45.8	84.7	112.5	122.2
90°	0.0	33.3	70.8	97.2	106.9
92.5°	0.0	31.9	69.4	94.4	104.1
95°	0.0	31.9	68.0	93.0	102.7
97.5°	0.0	30.5	66.6	93.0	101.3
100°	0.0	29.2	66.6	91.6	100.0
102.5°	0.0	27.8	65.2	90.2	98.6
105°	0.0	26.4	63.9	87.5	95.8
107.5°	1.4	26.4	61.1	86.1	94.4
110°	1.4	25.0	58.3	84.7	93.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.4	23.6	55.5	81.9	90.2
115°	1.4	23.6	54.1	77.7	87.5
117.5°	1.4	22.2	51.4	75.0	84.7
120°	1.4	22.2	50.0	72.2	80.5
122.5°	1.4	20.8	47.2	69.4	77.7
125°	1.4	19.4	45.8	66.6	75.0
127.5°	1.4	18.0	44.4	63.9	72.2
130°	1.4	16.7	41.6	61.1	68.0
132.5°	1.4	16.7	40.3	56.9	65.2
135°	1.4	15.3	37.5	54.1	61.1
137.5°	1.4	13.9	34.7	51.4	58.3
140°	1.4	12.5	31.9	48.6	54.1
142.5°	1.4	12.5	29.2	44.4	50.0
145°	1.4	11.1	26.4	41.6	45.8
147.5°	1.4	9.7	23.6	37.5	41.6
150°	1.4	9.7	20.8	33.3	37.5
152.5°	1.4	8.3	18.0	30.5	34.7
155°	1.4	6.9	16.7	26.4	30.5
157.5°	1.4	6.9	13.9	22.2	26.4
160°	1.4	5.6	12.5	18.0	22.2
162.5°	1.4	5.6	11.1	15.3	19.4
165°	1.4	4.2	8.3	12.5	15.3
167.5°	1.4	4.2	6.9	9.7	12.5
170°	1.4	2.8	5.6	6.9	9.7
172.5°	1.4	2.8	4.2	4.2	4.2
175°	1.4	1.4	2.8	2.8	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)