

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: P565672

Luminaire Tested: **2SNX-30SL-LW-UNV-L940-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565672
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-L940-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

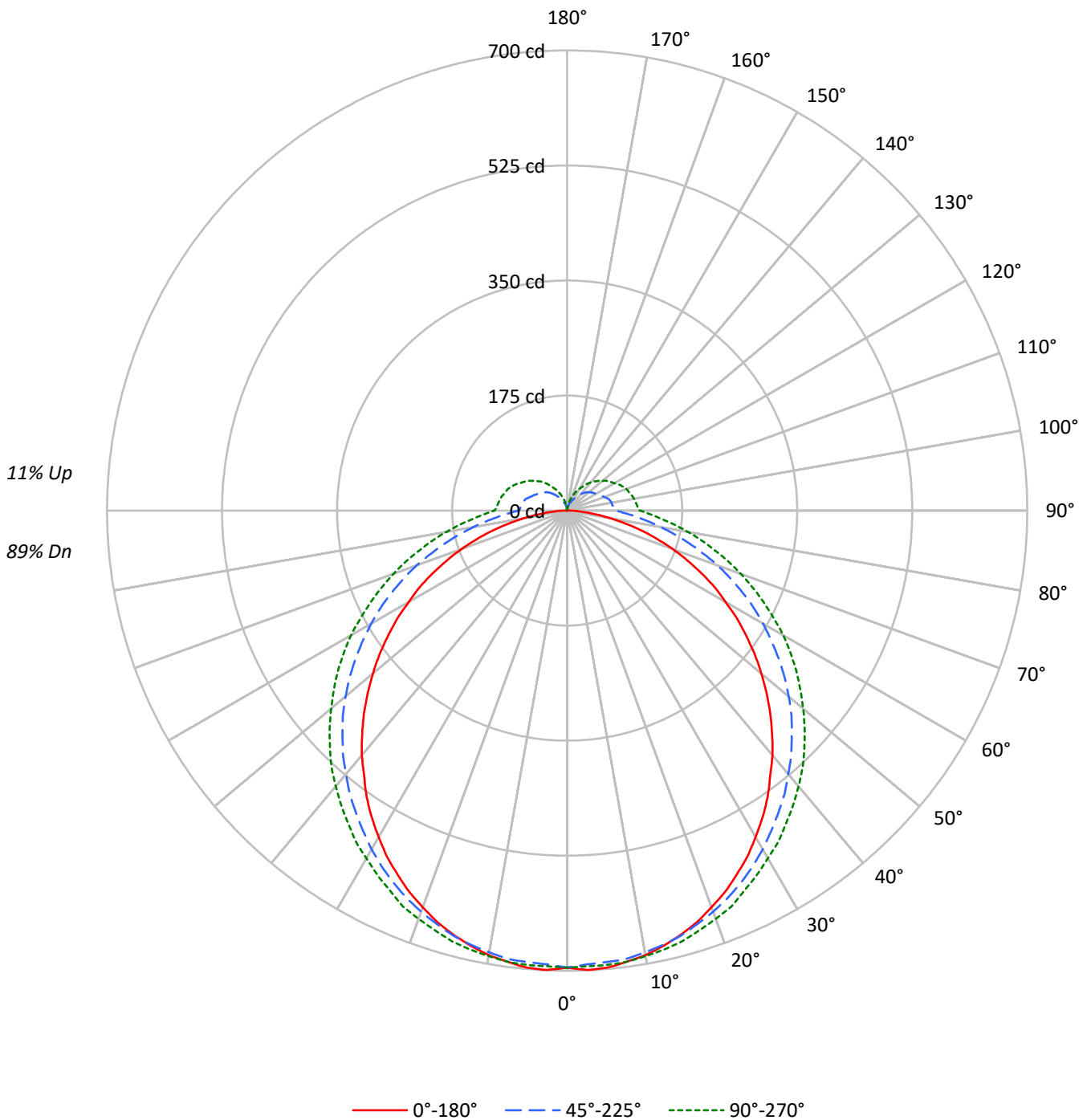
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2475.0 lumens
Efficiency: N/A
Efficacy: 117.9 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°	14966	14966	14966
5°	14977	14239	14167
10°	14792	13640	13460
15°	14563	13063	12821
20°	14279	12470	12182
25°	13964	11902	11559
30°	13599	11322	10962
35°	13205	10741	10402
40°	12763	10175	9868
45°	12287	9611	9322
50°	11748	9031	8747
55°	11156	8389	8185
60°	10463	7720	7591
65°	9728	7005	6912
70°	8738	6243	6246
75°	7455	5363	5537
80°	5548	4479	4834
85°	3264	3659	4106



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.0	2.7
10°-20°	189.8	7.7
20°-30°	288.6	11.7
30°-40°	350.3	14.2
40°-50°	370.2	15.0
50°-60°	346.4	14.0
60°-70°	284.3	11.5
70°-80°	195.5	7.9
80°-90°	107.1	4.3
90°-100°	68.9	2.8
100°-110°	61.9	2.5
110°-120°	51.2	2.1
120°-130°	39.4	1.6
130°-140°	27.7	1.1
140°-150°	16.7	0.7
150°-160°	8.0	0.3
160°-170°	2.6	0.1
170°-180°	0.3	0.0
0°-30°	544.4	22.0
0°-40°	894.8	36.2
0°-60°	1611.4	65.1
0°-90°	2198.2	88.8
90°-120°	182.0	7.4
90°-150°	265.8	10.7
90°-180°	277.0	11.2
0°-180°	2475.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	695	695	695	695	695	
5°	698	697	690	695	694	66
15°	668	671	669	678	678	188
25°	611	618	625	638	638	281
35°	532	545	560	576	581	332
45°	437	457	483	505	510	337
55°	333	360	393	417	426	298
65°	225	255	294	321	330	223
75°	118	149	192	222	232	124
85°	26	62	105	133	143	30
90°	0	34	73	100	110	2
95°	0	33	70	96	106	0
105°	0	27	66	90	99	1
115°	1	24	56	80	90	1
125°	1	20	47	69	77	1
135°	1	16	39	56	63	1
145°	1	12	27	43	47	1
155°	1	7	17	27	32	1
165°	1	4	9	13	16	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°	695.2	695.2	695.2	695.2	695.2
2.5°	699.5	698.1	690.9	696.7	693.8
5°	698.1	696.7	689.5	695.2	693.8
7.5°	692.4	692.4	688.1	693.8	692.4
10°	686.6	686.6	682.3	689.5	688.1
12.5°	678.0	679.5	676.6	685.2	683.8
15°	668.0	670.9	669.4	678.0	678.0
17.5°	656.5	659.4	659.4	669.4	669.4
20°	642.2	646.5	649.4	660.8	660.8
22.5°	627.9	633.6	637.9	647.9	652.2
25°	610.7	617.8	625.0	637.9	637.9
27.5°	593.5	602.1	610.7	623.6	625.0
30°	573.4	583.4	594.9	607.8	610.7
32.5°	553.3	566.2	577.7	593.5	597.8
35°	531.8	544.7	560.5	576.3	580.6
37.5°	507.4	523.2	543.3	560.5	564.8
40°	485.9	503.1	523.2	543.3	547.6
42.5°	461.6	480.2	504.6	523.2	530.4
45°	437.2	457.3	483.1	504.6	510.3
47.5°	411.4	434.3	463.0	483.1	490.2
50°	385.6	410.0	440.1	463.0	468.7
52.5°	359.8	385.6	417.1	440.1	447.2
55°	332.6	359.8	392.8	417.1	425.7
57.5°	306.8	334.0	368.4	394.2	402.8
60°	278.1	309.6	344.0	369.8	379.9
62.5°	253.7	282.4	319.7	345.5	354.1
65°	225.1	255.2	293.9	321.1	329.7
67.5°	197.8	229.4	268.1	296.7	305.3
70°	170.6	202.1	243.7	270.9	281.0
72.5°	143.3	176.3	216.5	246.6	256.6
75°	117.5	149.1	192.1	222.2	232.2
77.5°	90.3	124.7	167.7	197.8	209.3
80°	65.9	101.8	144.8	174.9	186.4
82.5°	44.4	80.3	123.3	153.4	164.8
85°	25.8	61.6	104.6	133.3	143.3
87.5°	12.9	47.3	87.4	116.1	126.1
90°	0.0	34.4	73.1	100.3	110.4
92.5°	0.0	33.0	71.7	97.5	107.5
95°	0.0	33.0	70.2	96.0	106.1
97.5°	0.0	31.5	68.8	96.0	104.6
100°	0.0	30.1	68.8	94.6	103.2
102.5°	0.0	28.7	67.4	93.2	101.8
105°	0.0	27.2	65.9	90.3	98.9
107.5°	1.4	27.2	63.1	88.9	97.5
110°	1.4	25.8	60.2	87.4	96.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.4	24.4	57.3	84.6	93.2
115°	1.4	24.4	55.9	80.3	90.3
117.5°	1.4	22.9	53.0	77.4	87.4
120°	1.4	22.9	51.6	74.5	83.1
122.5°	1.4	21.5	48.7	71.7	80.3
125°	1.4	20.1	47.3	68.8	77.4
127.5°	1.4	18.6	45.9	65.9	74.5
130°	1.4	17.2	43.0	63.1	70.2
132.5°	1.4	17.2	41.6	58.8	67.4
135°	1.4	15.8	38.7	55.9	63.1
137.5°	1.4	14.3	35.8	53.0	60.2
140°	1.4	12.9	33.0	50.2	55.9
142.5°	1.4	12.9	30.1	45.9	51.6
145°	1.4	11.5	27.2	43.0	47.3
147.5°	1.4	10.0	24.4	38.7	43.0
150°	1.4	10.0	21.5	34.4	38.7
152.5°	1.4	8.6	18.6	31.5	35.8
155°	1.4	7.2	17.2	27.2	31.5
157.5°	1.4	7.2	14.3	22.9	27.2
160°	1.4	5.7	12.9	18.6	22.9
162.5°	1.4	5.7	11.5	15.8	20.1
165°	1.4	4.3	8.6	12.9	15.8
167.5°	1.4	4.3	7.2	10.0	12.9
170°	1.4	2.9	5.7	7.2	10.0
172.5°	1.4	2.9	4.3	4.3	4.3
175°	1.4	1.4	2.9	2.9	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)