

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: P565647

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565647
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-L935-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND FDL LENS
Light Source: -
Ballast/Driver: -

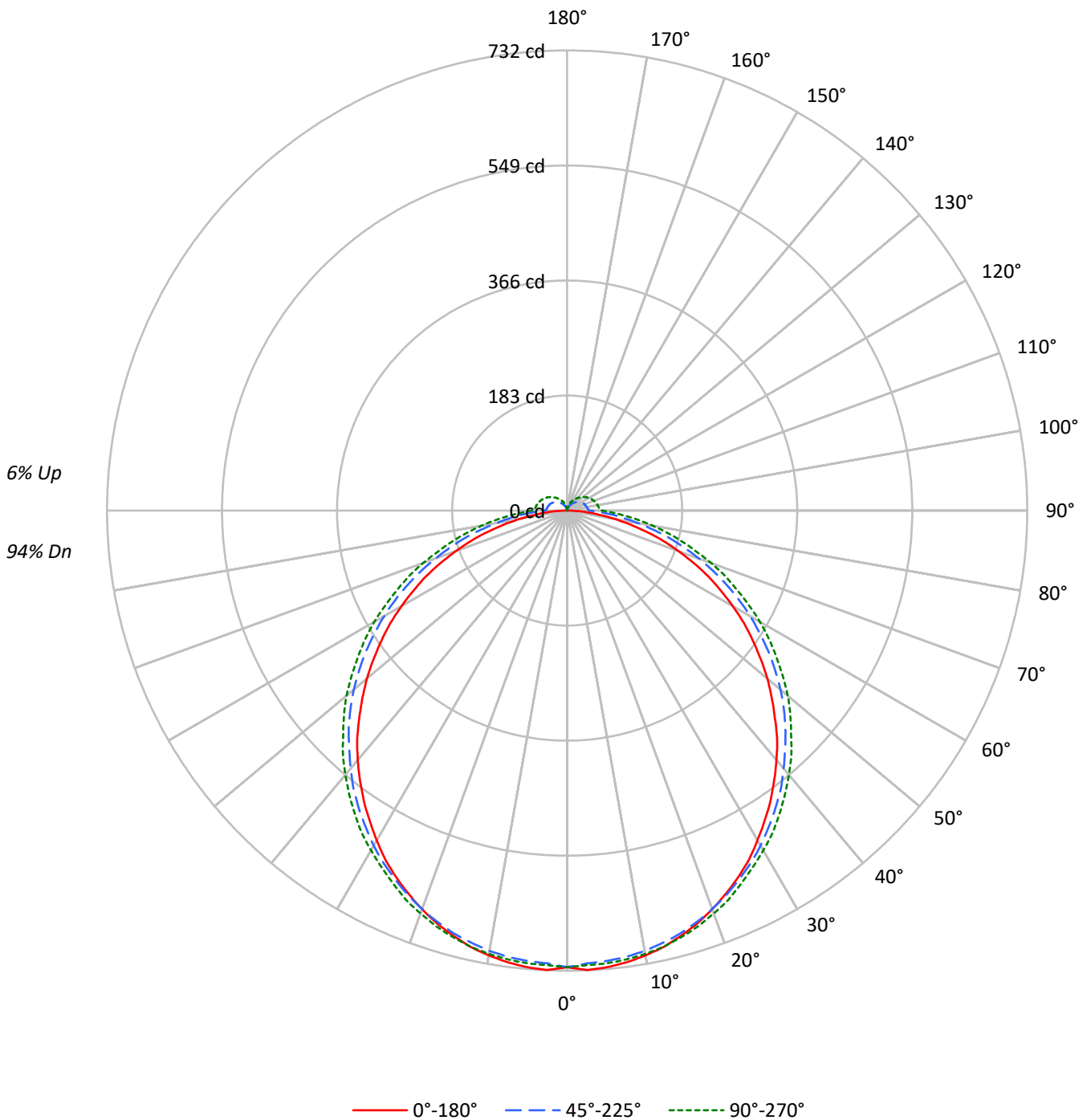
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2308.0 lumens
Efficiency: N/A
Efficacy: 109.9 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 (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°	15636	15636	15636
5°	15727	15366	15400
10°	15649	15192	15207
15°	15517	14988	14990
20°	15343	14748	14733
25°	15143	14483	14432
30°	14878	14212	14152
35°	14609	13897	13862
40°	14313	13550	13533
45°	13946	13207	13150
50°	13585	12812	12803
55°	13140	12329	12318
60°	12637	11779	11841
65°	12098	11121	11183
70°	11193	10298	10500
75°	10095	9326	9682
80°	8471	8039	8776
85°	6364	6903	7712



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.9	3.0
10°-20°	197.6	8.6
20°-30°	299.5	13.0
30°-40°	361.6	15.7
40°-50°	377.6	16.4
50°-60°	346.9	15.0
60°-70°	274.3	11.9
70°-80°	173.6	7.5
80°-90°	74.6	3.2
90°-100°	32.8	1.4
100°-110°	29.4	1.3
110°-120°	24.8	1.1
120°-130°	19.3	0.8
130°-140°	13.4	0.6
140°-150°	8.0	0.3
150°-160°	3.9	0.2
160°-170°	1.4	0.1
170°-180°	0.2	0.0
0°-30°	566.1	24.5
0°-40°	927.6	40.2
0°-60°	1652.1	71.6
0°-90°	2174.7	94.2
90°-120°	87.1	3.8
90°-150°	127.9	5.5
90°-180°	133.0	5.8
0°-180°	2308.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	726	726	726	726	726	
5°	729	727	719	726	723	69
15°	700	700	696	704	703	198
25°	644	647	647	656	655	296
35°	564	571	578	587	589	353
45°	468	479	491	501	504	361
55°	360	375	391	403	406	323
65°	248	262	280	294	298	244
75°	131	146	168	182	189	139
85°	32	49	70	85	91	35
90°	2	18	36	50	56	3
95°	0	15	33	46	51	0
105°	0	14	31	43	47	0
115°	0	12	28	39	43	0
125°	1	11	23	34	37	1
135°	1	8	19	27	30	1
145°	1	6	13	20	22	1
155°	1	4	9	13	15	0
165°	1	3	4	6	9	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°	726.3	726.3	726.3	726.3	726.3
2.5°	731.6	729.1	721.0	726.7	723.8
5°	729.1	727.1	719.3	725.5	723.0
7.5°	724.6	723.0	716.1	722.6	720.2
10°	718.5	717.3	711.2	717.7	716.1
12.5°	710.8	710.3	704.2	711.6	710.3
15°	700.1	700.1	696.4	703.8	702.6
17.5°	688.7	689.1	686.2	694.0	693.2
20°	674.8	676.8	674.8	683.0	682.1
22.5°	659.7	662.5	661.7	669.9	670.3
25°	643.7	646.6	647.4	656.0	654.8
27.5°	626.1	630.6	632.3	640.0	639.6
30°	605.7	611.8	615.5	622.1	624.1
32.5°	584.9	592.2	596.7	605.7	608.2
35°	564.0	570.6	577.9	586.9	589.0
37.5°	541.1	548.5	558.3	566.9	569.3
40°	518.2	526.4	535.8	545.2	548.9
42.5°	494.5	503.1	513.3	524.4	528.1
45°	467.6	479.0	491.3	500.7	503.9
47.5°	441.8	454.5	467.6	477.8	481.5
50°	415.7	429.1	443.0	452.4	458.2
52.5°	388.3	403.0	416.9	428.7	432.4
55°	360.5	375.2	390.7	403.4	406.3
57.5°	333.5	347.8	363.3	375.2	380.9
60°	304.1	319.6	336.4	348.2	354.4
62.5°	275.5	290.6	308.6	321.2	326.2
65°	248.1	262.0	280.4	293.5	298.0
67.5°	217.8	233.8	251.4	266.5	272.2
70°	188.0	203.1	223.2	237.5	243.2
72.5°	160.2	174.9	195.0	209.3	214.6
75°	130.8	146.3	167.6	181.9	188.8
77.5°	102.6	119.8	140.2	155.7	163.5
80°	76.4	91.6	113.6	130.8	137.7
82.5°	51.9	68.3	91.1	107.1	114.8
85°	31.9	49.0	70.3	85.4	90.7
87.5°	15.1	31.5	51.1	65.8	72.3
90°	2.0	17.6	36.0	50.3	55.6
92.5°	0.4	15.1	33.1	46.6	51.5
95°	0.4	15.1	32.7	45.8	50.7
97.5°	0.4	14.7	32.3	45.4	49.9
100°	0.4	14.3	31.9	44.5	49.5
102.5°	0.4	14.3	31.1	43.7	48.2
105°	0.4	13.9	30.7	42.9	47.4
107.5°	0.4	13.5	29.8	42.1	46.6
110°	0.4	12.7	29.4	40.9	45.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.4	12.3	28.6	40.1	44.1
115°	0.4	11.9	27.8	38.8	42.9
117.5°	0.4	11.4	26.6	37.6	41.7
120°	0.8	11.4	25.7	36.4	40.1
122.5°	0.8	11.0	24.5	34.7	38.4
125°	0.8	10.6	23.3	33.5	37.2
127.5°	0.8	10.2	22.1	31.9	35.1
130°	0.8	9.4	21.3	30.2	33.5
132.5°	0.8	9.0	20.0	28.2	31.5
135°	0.8	8.2	18.8	26.6	29.8
137.5°	0.8	7.8	17.6	24.9	27.8
140°	0.8	7.4	15.9	23.3	26.2
142.5°	0.8	6.5	14.7	21.7	24.1
145°	0.8	6.1	13.1	20.0	22.1
147.5°	0.8	5.3	11.9	18.4	20.4
150°	0.8	4.9	10.6	16.8	18.8
152.5°	0.8	4.5	9.4	14.7	16.8
155°	0.8	4.1	8.6	12.7	15.1
157.5°	0.8	3.7	7.4	11.0	13.5
160°	1.2	3.3	6.5	9.4	11.4
162.5°	1.2	2.9	5.3	7.8	10.2
165°	1.2	2.9	4.5	6.1	8.6
167.5°	1.2	2.5	3.7	4.9	6.9
170°	1.2	2.0	3.3	3.7	5.3
172.5°	1.2	1.6	2.5	2.5	2.9
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)