

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: P565673

Luminaire Tested: **2SNX-30SL-LW-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565673
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-L950-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

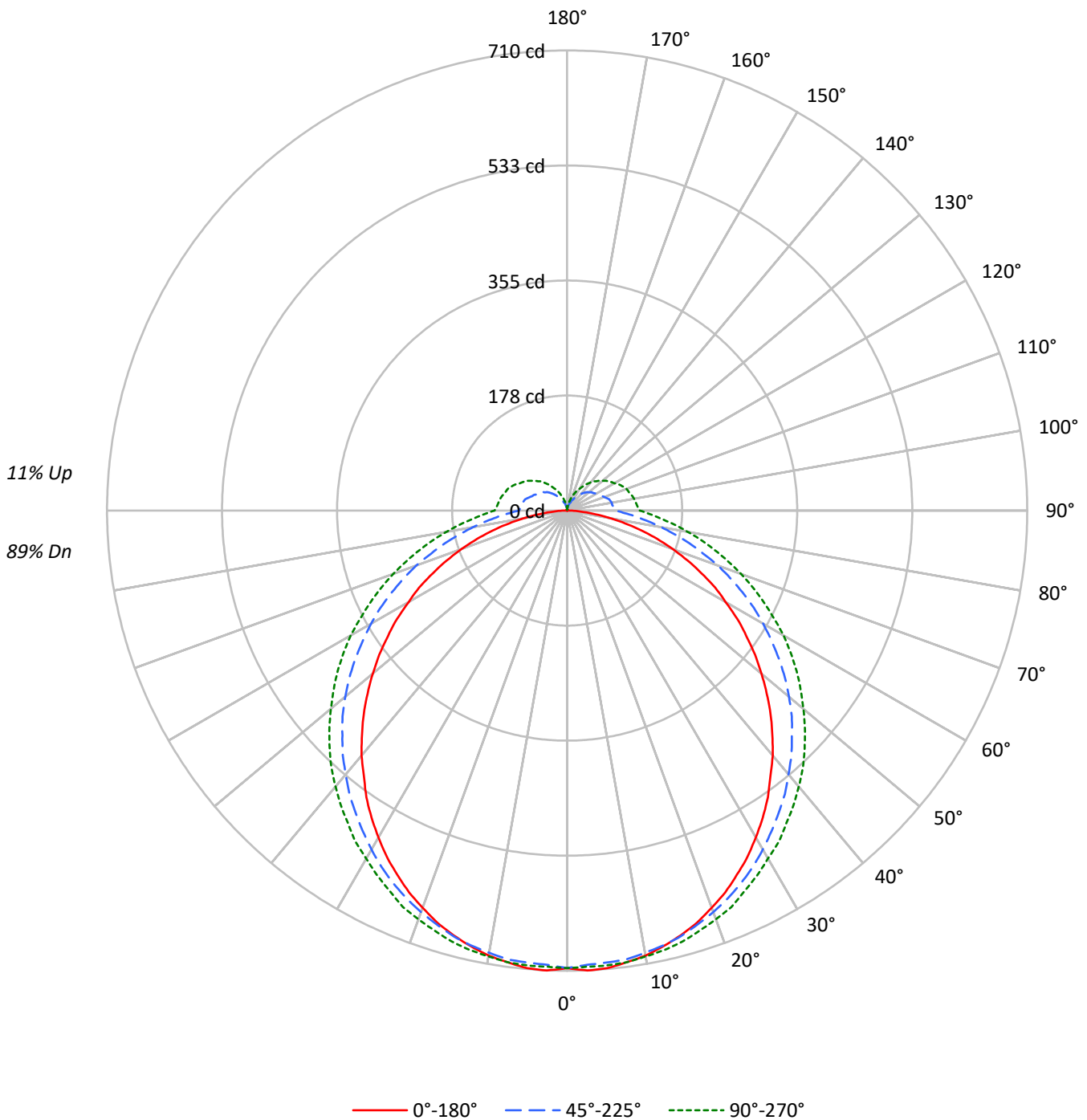
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2513.1 lumens
Efficiency: N/A
Efficacy: 119.7 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°	15196	15196	15196
5°	15206	14458	14385
10°	15020	13849	13665
15°	14787	13264	13017
20°	14499	12660	12371
25°	14176	12085	11736
30°	13808	11495	11129
35°	13409	10906	10562
40°	12960	10333	10020
45°	12475	9758	9466
50°	11927	9169	8882
55°	11327	8517	8312
60°	10625	7839	7707
65°	9875	7112	7019
70°	8871	6338	6342
75°	7569	5444	5623
80°	5640	4547	4906
85°	3314	3718	4169



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.1	2.7
10°-20°	192.7	7.7
20°-30°	293.0	11.7
30°-40°	355.7	14.2
40°-50°	375.9	15.0
50°-60°	351.7	14.0
60°-70°	288.6	11.5
70°-80°	198.5	7.9
80°-90°	108.7	4.3
90°-100°	70.0	2.8
100°-110°	62.8	2.5
110°-120°	52.0	2.1
120°-130°	40.0	1.6
130°-140°	28.1	1.1
140°-150°	17.0	0.7
150°-160°	8.1	0.3
160°-170°	2.7	0.1
170°-180°	0.3	0.0
0°-30°	552.8	22.0
0°-40°	908.5	36.2
0°-60°	1636.1	65.1
0°-90°	2232.0	88.8
90°-120°	184.8	7.4
90°-150°	270.0	10.7
90°-180°	281.0	11.2
0°-180°	2513.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	706	706	706	706	706	
5°	709	707	700	706	704	67
15°	678	681	680	688	688	191
25°	620	627	635	648	648	286
35°	540	553	569	585	590	337
45°	444	464	490	512	518	342
55°	338	365	399	424	432	302
65°	228	259	298	326	335	226
75°	119	151	195	226	236	126
85°	26	63	106	135	146	30
90°	0	35	74	102	112	2
95°	0	34	71	98	108	0
105°	0	28	67	92	100	1
115°	2	25	57	82	92	1
125°	2	20	48	70	79	1
135°	2	16	39	57	64	1
145°	2	12	28	44	48	1
155°	2	7	18	28	32	1
165°	2	4	9	13	16	0
175°	2	2	3	3	2	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	705.9	705.9	705.9	705.9	705.9
2.5°	710.3	708.8	701.5	707.4	704.5
5°	708.8	707.4	700.1	705.9	704.5
7.5°	703.0	703.0	698.6	704.5	703.0
10°	697.2	697.2	692.8	700.1	698.6
12.5°	688.4	689.9	687.0	695.7	694.3
15°	678.3	681.2	679.7	688.4	688.4
17.5°	666.6	669.5	669.5	679.7	679.7
20°	652.1	656.4	659.3	671.0	671.0
22.5°	637.5	643.3	647.7	657.9	662.2
25°	620.0	627.3	634.6	647.7	647.7
27.5°	602.6	611.3	620.0	633.1	634.6
30°	582.2	592.4	604.0	617.1	620.0
32.5°	561.8	574.9	586.6	602.6	606.9
35°	540.0	553.1	569.1	585.1	589.5
37.5°	515.2	531.3	551.6	569.1	573.5
40°	493.4	510.9	531.3	551.6	556.0
42.5°	468.7	487.6	512.3	531.3	538.5
45°	443.9	464.3	490.5	512.3	518.2
47.5°	417.7	441.0	470.1	490.5	497.8
50°	391.5	416.3	446.8	470.1	475.9
52.5°	365.3	391.5	423.5	446.8	454.1
55°	337.7	365.3	398.8	423.5	432.3
57.5°	311.5	339.1	374.1	400.3	409.0
60°	282.4	314.4	349.3	375.5	385.7
62.5°	257.6	286.7	324.6	350.8	359.5
65°	228.5	259.1	298.4	326.0	334.8
67.5°	200.9	232.9	272.2	301.3	310.0
70°	173.2	205.2	247.4	275.1	285.3
72.5°	145.5	179.0	219.8	250.3	260.5
75°	119.3	151.4	195.0	225.6	235.8
77.5°	91.7	126.6	170.3	200.9	212.5
80°	67.0	103.3	147.0	177.6	189.2
82.5°	45.1	81.5	125.2	155.7	167.4
85°	26.2	62.6	106.3	135.4	145.5
87.5°	13.1	48.0	88.8	117.9	128.1
90°	0.0	34.9	74.2	101.9	112.1
92.5°	0.0	33.5	72.8	99.0	109.2
95°	0.0	33.5	71.3	97.5	107.7
97.5°	0.0	32.0	69.9	97.5	106.3
100°	0.0	30.6	69.9	96.1	104.8
102.5°	0.0	29.1	68.4	94.6	103.3
105°	0.0	27.7	67.0	91.7	100.4
107.5°	1.5	27.7	64.0	90.2	99.0
110°	1.5	26.2	61.1	88.8	97.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.5	24.7	58.2	85.9	94.6
115°	1.5	24.7	56.8	81.5	91.7
117.5°	1.5	23.3	53.9	78.6	88.8
120°	1.5	23.3	52.4	75.7	84.4
122.5°	1.5	21.8	49.5	72.8	81.5
125°	1.5	20.4	48.0	69.9	78.6
127.5°	1.5	18.9	46.6	67.0	75.7
130°	1.5	17.5	43.7	64.0	71.3
132.5°	1.5	17.5	42.2	59.7	68.4
135°	1.5	16.0	39.3	56.8	64.0
137.5°	1.5	14.6	36.4	53.9	61.1
140°	1.5	13.1	33.5	50.9	56.8
142.5°	1.5	13.1	30.6	46.6	52.4
145°	1.5	11.6	27.7	43.7	48.0
147.5°	1.5	10.2	24.7	39.3	43.7
150°	1.5	10.2	21.8	34.9	39.3
152.5°	1.5	8.7	18.9	32.0	36.4
155°	1.5	7.3	17.5	27.7	32.0
157.5°	1.5	7.3	14.6	23.3	27.7
160°	1.5	5.8	13.1	18.9	23.3
162.5°	1.5	5.8	11.6	16.0	20.4
165°	1.5	4.4	8.7	13.1	16.0
167.5°	1.5	4.4	7.3	10.2	13.1
170°	1.5	2.9	5.8	7.3	10.2
172.5°	1.5	2.9	4.4	4.4	4.4
175°	1.5	1.5	2.9	2.9	1.5
177.5°	1.5	1.5	1.5	1.5	1.5
180°	1.5	1.5	1.5	1.5	1.5

(END OF REPORT)