

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: P565625

Luminaire Tested: **2SNX-25SL-LW-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565625
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-25SL-LW-UNV-L950-CD
Description: 2FT 2500 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

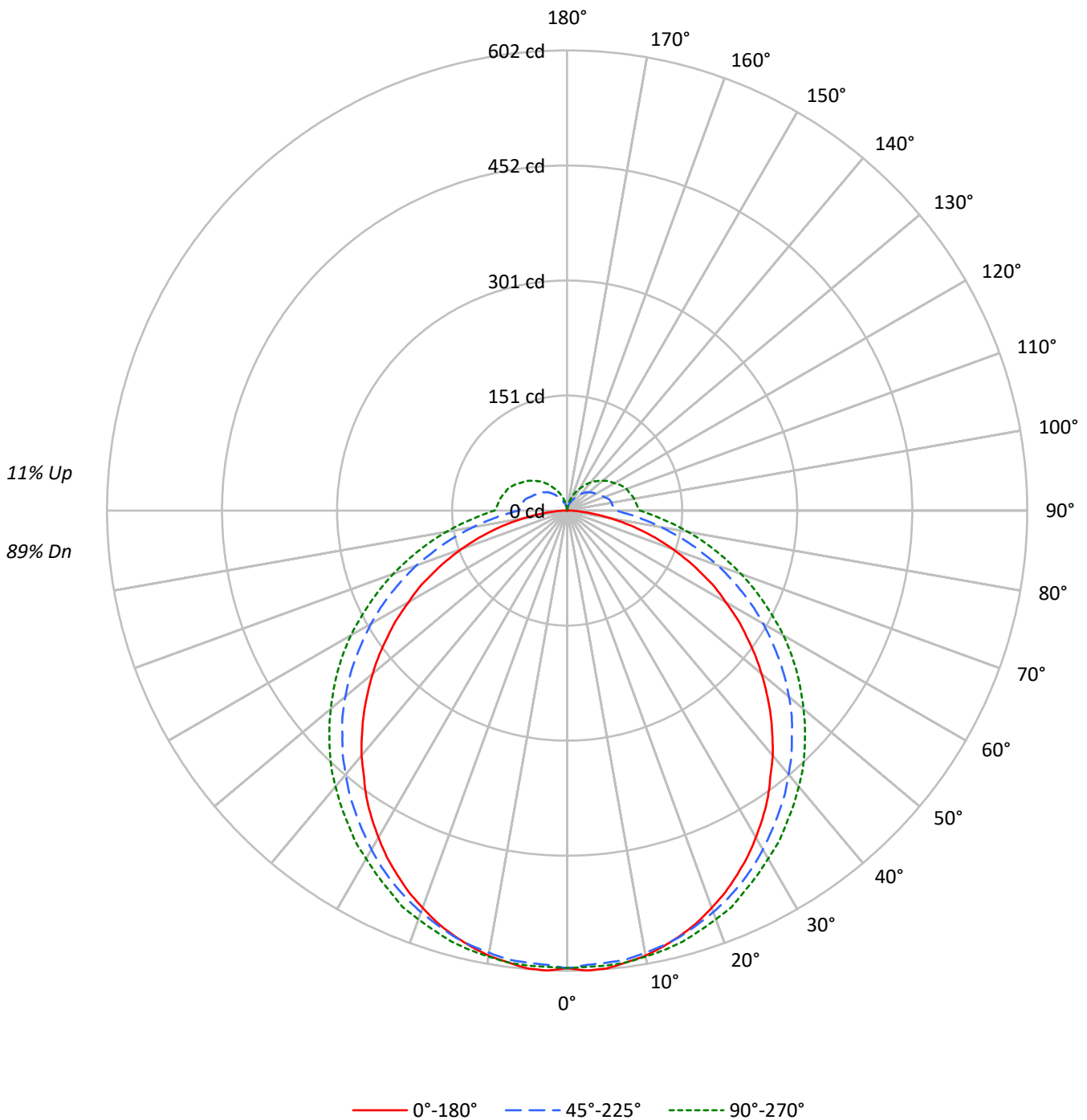
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2131.0 lumens
Efficiency: N/A
Efficacy: 121.8 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): 17.5
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

TEST NUMBER: P565625
CATALOG NUMBER: 2SNX-25SL-LW-UNV-L950-CD

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°	12887	12887	12887
5°	12896	12261	12198
10°	12736	11744	11588
15°	12540	11248	11039
20°	12294	10736	10490
25°	12022	10247	9952
30°	11709	9748	9438
35°	11370	9249	8957
40°	10990	8761	8497
45°	10578	8274	8026
50°	10115	7775	7532
55°	9603	7223	7048
60°	9007	6647	6536
65°	8375	6030	5952
70°	7524	5374	5377
75°	6421	4618	4767
80°	4782	3857	4162
85°	2808	3151	3536



TEST NUMBER: P565625

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.9	2.7
10°-20°	163.4	7.7
20°-30°	248.5	11.7
30°-40°	301.6	14.2
40°-50°	318.7	15.0
50°-60°	298.3	14.0
60°-70°	244.7	11.5
70°-80°	168.3	7.9
80°-90°	92.2	4.3
90°-100°	59.4	2.8
100°-110°	53.3	2.5
110°-120°	44.1	2.1
120°-130°	33.9	1.6
130°-140°	23.9	1.1
140°-150°	14.4	0.7
150°-160°	6.9	0.3
160°-170°	2.3	0.1
170°-180°	0.3	0.0
0°-30°	468.8	22.0
0°-40°	770.4	36.2
0°-60°	1387.4	65.1
0°-90°	1892.7	88.8
90°-120°	156.7	7.4
90°-150°	228.9	10.7
90°-180°	238.0	11.2
0°-180°	2131.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	599	599	599	599	599	
5°	601	600	594	599	597	57
15°	575	578	576	584	584	162
25°	526	532	538	549	549	242
35°	458	469	483	496	500	286
45°	376	394	416	434	439	290
55°	286	310	338	359	367	256
65°	194	220	253	276	284	192
75°	101	128	165	191	200	107
85°	22	53	90	115	123	26
90°	0	30	63	86	95	2
95°	0	28	60	83	91	0
105°	0	24	57	78	85	1
115°	1	21	48	69	78	1
125°	1	17	41	59	67	1
135°	1	14	33	48	54	1
145°	1	10	24	37	41	1
155°	1	6	15	24	27	1
165°	1	4	7	11	14	0
175°	1	1	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°	598.6	598.6	598.6	598.6	598.6
2.5°	602.3	601.1	594.9	599.8	597.4
5°	601.1	599.8	593.7	598.6	597.4
7.5°	596.1	596.1	592.4	597.4	596.1
10°	591.2	591.2	587.5	593.7	592.4
12.5°	583.8	585.0	582.6	590.0	588.7
15°	575.2	577.6	576.4	583.8	583.8
17.5°	565.3	567.7	567.7	576.4	576.4
20°	552.9	556.6	559.1	569.0	569.0
22.5°	540.6	545.5	549.2	557.9	561.6
25°	525.8	532.0	538.1	549.2	549.2
27.5°	511.0	518.4	525.8	536.9	538.1
30°	493.7	502.3	512.2	523.3	525.8
32.5°	476.4	487.5	497.4	511.0	514.7
35°	457.9	469.0	482.6	496.2	499.9
37.5°	436.9	450.5	467.8	482.6	486.3
40°	418.4	433.2	450.5	467.8	471.5
42.5°	397.4	413.5	434.4	450.5	456.7
45°	376.4	393.7	415.9	434.4	439.4
47.5°	354.2	374.0	398.7	415.9	422.1
50°	332.0	353.0	378.9	398.7	403.6
52.5°	309.8	332.0	359.2	378.9	385.1
55°	286.3	309.8	338.2	359.2	366.6
57.5°	264.1	287.6	317.2	339.4	346.8
60°	239.4	266.6	296.2	318.4	327.1
62.5°	218.5	243.1	275.2	297.5	304.9
65°	193.8	219.7	253.0	276.5	283.9
67.5°	170.3	197.5	230.8	255.5	262.9
70°	146.9	174.0	209.8	233.3	241.9
72.5°	123.4	151.8	186.4	212.3	220.9
75°	101.2	128.4	165.4	191.3	199.9
77.5°	77.8	107.4	144.4	170.3	180.2
80°	56.8	87.6	124.7	150.6	160.5
82.5°	38.3	69.1	106.1	132.1	141.9
85°	22.2	53.1	90.1	114.8	123.4
87.5°	11.1	40.7	75.3	100.0	108.6
90°	0.0	29.6	62.9	86.4	95.0
92.5°	0.0	28.4	61.7	83.9	92.6
95°	0.0	28.4	60.5	82.7	91.3
97.5°	0.0	27.2	59.2	82.7	90.1
100°	0.0	25.9	59.2	81.5	88.9
102.5°	0.0	24.7	58.0	80.2	87.6
105°	0.0	23.5	56.8	77.8	85.2
107.5°	1.2	23.5	54.3	76.5	83.9
110°	1.2	22.2	51.8	75.3	82.7



TEST NUMBER: P565625

CATALOG NUMBER: 2SNX-25SL-LW-UNV-L950-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.2	21.0	49.4	72.8	80.2
115°	1.2	21.0	48.1	69.1	77.8
117.5°	1.2	19.7	45.7	66.6	75.3
120°	1.2	19.7	44.4	64.2	71.6
122.5°	1.2	18.5	42.0	61.7	69.1
125°	1.2	17.3	40.7	59.2	66.6
127.5°	1.2	16.0	39.5	56.8	64.2
130°	1.2	14.8	37.0	54.3	60.5
132.5°	1.2	14.8	35.8	50.6	58.0
135°	1.2	13.6	33.3	48.1	54.3
137.5°	1.2	12.3	30.9	45.7	51.8
140°	1.2	11.1	28.4	43.2	48.1
142.5°	1.2	11.1	25.9	39.5	44.4
145°	1.2	9.9	23.5	37.0	40.7
147.5°	1.2	8.6	21.0	33.3	37.0
150°	1.2	8.6	18.5	29.6	33.3
152.5°	1.2	7.4	16.0	27.2	30.9
155°	1.2	6.2	14.8	23.5	27.2
157.5°	1.2	6.2	12.3	19.7	23.5
160°	1.2	4.9	11.1	16.0	19.7
162.5°	1.2	4.9	9.9	13.6	17.3
165°	1.2	3.7	7.4	11.1	13.6
167.5°	1.2	3.7	6.2	8.6	11.1
170°	1.2	2.5	4.9	6.2	8.6
172.5°	1.2	2.5	3.7	3.7	3.7
175°	1.2	1.2	2.5	2.5	1.2
177.5°	1.2	1.2	1.2	1.2	1.2
180°	1.2	1.2	1.2	1.2	1.2

(END OF REPORT)