

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: P565633

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565633
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-SLW-UNV-L950-CD
Description: 2FT 2500 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

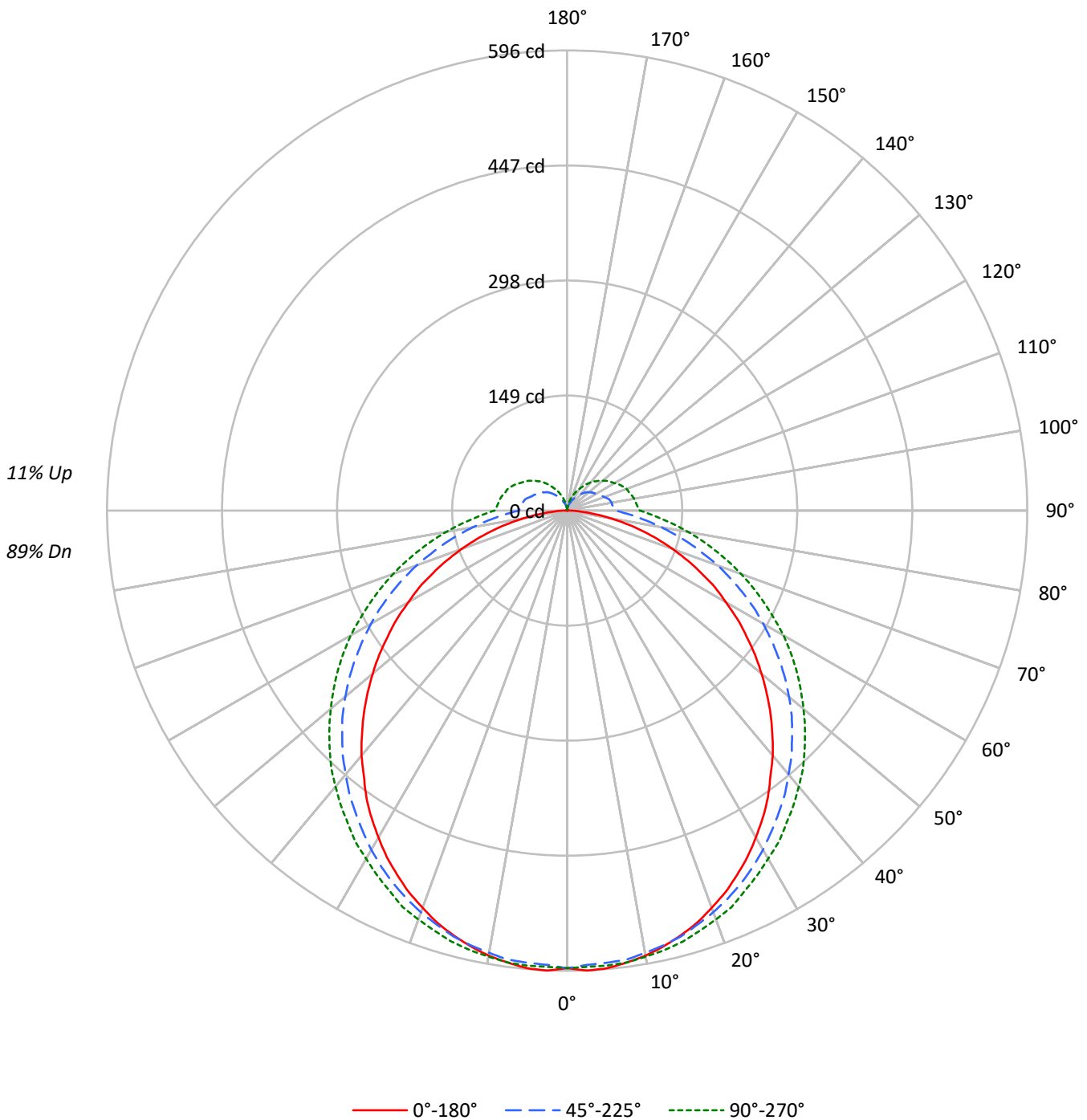
Lumens per Lamp: N/A
Luminaire Lumens: 2110.0 lumens
Efficiency: N/A
Efficacy: 120.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

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: P565633

CATALOG NUMBER: 2SNX-25SL-SLW-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°	12760	12760	12760
5°	12814	12416	12422
10°	12704	12150	12114
15°	12553	11879	11830
20°	12356	11570	11516
25°	12131	11268	11185
30°	11866	10940	10860
35°	11579	10597	10553
40°	11251	10262	10260
45°	10895	9918	9945
50°	10490	9558	9589
55°	10045	9124	9242
60°	9524	8665	8851
65°	8976	8146	8364
70°	8215	7580	7884
75°	7217	6861	7355
80°	5640	6125	6833
85°	3686	5483	6295



TEST NUMBER: P565633

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

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.3	2.7
10°-20°	161.8	7.7
20°-30°	246.0	11.7
30°-40°	298.7	14.2
40°-50°	315.6	15.0
50°-60°	295.3	14.0
60°-70°	242.3	11.5
70°-80°	166.7	7.9
80°-90°	91.3	4.3
90°-100°	58.8	2.8
100°-110°	52.7	2.5
110°-120°	43.7	2.1
120°-130°	33.6	1.6
130°-140°	23.6	1.1
140°-150°	14.2	0.7
150°-160°	6.8	0.3
160°-170°	2.2	0.1
170°-180°	0.3	0.0
0°-30°	464.2	22.0
0°-40°	762.8	36.2
0°-60°	1373.8	65.1
0°-90°	1874.0	88.8
90°-120°	155.2	7.4
90°-150°	226.7	10.7
90°-180°	236.0	11.2
0°-180°	2110.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	593	593	593	593	593	
5°	595	594	588	593	592	56
15°	570	572	571	578	578	161
25°	521	527	533	544	544	240
35°	453	464	478	491	495	283
45°	373	390	412	430	435	287
55°	284	307	335	356	363	254
65°	192	218	250	274	281	190
75°	100	127	164	189	198	105
85°	22	52	89	114	122	25
90°	0	29	62	86	94	2
95°	0	28	60	82	90	0
105°	0	23	56	77	84	1
115°	1	21	48	68	77	1
125°	1	17	40	59	66	1
135°	1	13	33	48	54	1
145°	1	10	23	37	40	1
155°	1	6	15	23	27	1
165°	1	4	7	11	13	0
175°	1	1	2	2	1	0
180°	1	1	1	1	1	



TEST NUMBER: P565633

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

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	592.7	592.7	592.7	592.7	592.7
2.5°	596.4	595.1	589.0	593.9	591.5
5°	595.1	593.9	587.8	592.7	591.5
7.5°	590.3	590.3	586.6	591.5	590.3
10°	585.4	585.4	581.7	587.8	586.6
12.5°	578.0	579.3	576.8	584.1	582.9
15°	569.5	571.9	570.7	578.0	578.0
17.5°	559.7	562.2	562.2	570.7	570.7
20°	547.5	551.2	553.6	563.4	563.4
22.5°	535.3	540.2	543.8	552.4	556.0
25°	520.6	526.7	532.8	543.8	543.8
27.5°	505.9	513.3	520.6	531.6	532.8
30°	488.8	497.4	507.2	518.2	520.6
32.5°	471.7	482.7	492.5	505.9	509.6
35°	453.4	464.4	477.8	491.3	494.9
37.5°	432.6	446.1	463.2	477.8	481.5
40°	414.3	428.9	446.1	463.2	466.8
42.5°	393.5	409.4	430.2	446.1	452.2
45°	372.7	389.8	411.8	430.2	435.1
47.5°	350.7	370.3	394.7	411.8	417.9
50°	328.7	349.5	375.2	394.7	399.6
52.5°	306.7	328.7	355.6	375.2	381.3
55°	283.5	306.7	334.8	355.6	363.0
57.5°	261.5	284.7	314.1	336.1	343.4
60°	237.1	264.0	293.3	315.3	323.8
62.5°	216.3	240.7	272.5	294.5	301.9
65°	191.9	217.5	250.5	273.7	281.1
67.5°	168.6	195.5	228.5	253.0	260.3
70°	145.4	172.3	207.8	231.0	239.5
72.5°	122.2	150.3	184.5	210.2	218.8
75°	100.2	127.1	163.8	189.4	198.0
77.5°	77.0	106.3	143.0	168.6	178.4
80°	56.2	86.8	123.4	149.1	158.9
82.5°	37.9	68.4	105.1	130.8	140.5
85°	22.0	52.5	89.2	113.7	122.2
87.5°	11.0	40.3	74.5	99.0	107.5
90°	0.0	29.3	62.3	85.5	94.1
92.5°	0.0	28.1	61.1	83.1	91.7
95°	0.0	28.1	59.9	81.9	90.4
97.5°	0.0	26.9	58.7	81.9	89.2
100°	0.0	25.7	58.7	80.7	88.0
102.5°	0.0	24.4	57.4	79.4	86.8
105°	0.0	23.2	56.2	77.0	84.3
107.5°	1.2	23.2	53.8	75.8	83.1
110°	1.2	22.0	51.3	74.5	81.9



TEST NUMBER: P565633

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

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.2	20.8	48.9	72.1	79.4
115°	1.2	20.8	47.7	68.4	77.0
117.5°	1.2	19.6	45.2	66.0	74.5
120°	1.2	19.6	44.0	63.5	70.9
122.5°	1.2	18.3	41.6	61.1	68.4
125°	1.2	17.1	40.3	58.7	66.0
127.5°	1.2	15.9	39.1	56.2	63.5
130°	1.2	14.7	36.7	53.8	59.9
132.5°	1.2	14.7	35.4	50.1	57.4
135°	1.2	13.4	33.0	47.7	53.8
137.5°	1.2	12.2	30.6	45.2	51.3
140°	1.2	11.0	28.1	42.8	47.7
142.5°	1.2	11.0	25.7	39.1	44.0
145°	1.2	9.8	23.2	36.7	40.3
147.5°	1.2	8.6	20.8	33.0	36.7
150°	1.2	8.6	18.3	29.3	33.0
152.5°	1.2	7.3	15.9	26.9	30.6
155°	1.2	6.1	14.7	23.2	26.9
157.5°	1.2	6.1	12.2	19.6	23.2
160°	1.2	4.9	11.0	15.9	19.6
162.5°	1.2	4.9	9.8	13.4	17.1
165°	1.2	3.7	7.3	11.0	13.4
167.5°	1.2	3.7	6.1	8.6	11.0
170°	1.2	2.4	4.9	6.1	8.6
172.5°	1.2	2.4	3.7	3.7	3.7
175°	1.2	1.2	2.4	2.4	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)