

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: P566211

Luminaire Tested: **4SNX-26SL-LW-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566211
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: 4SNX-26SL-LW-UNV-L935-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

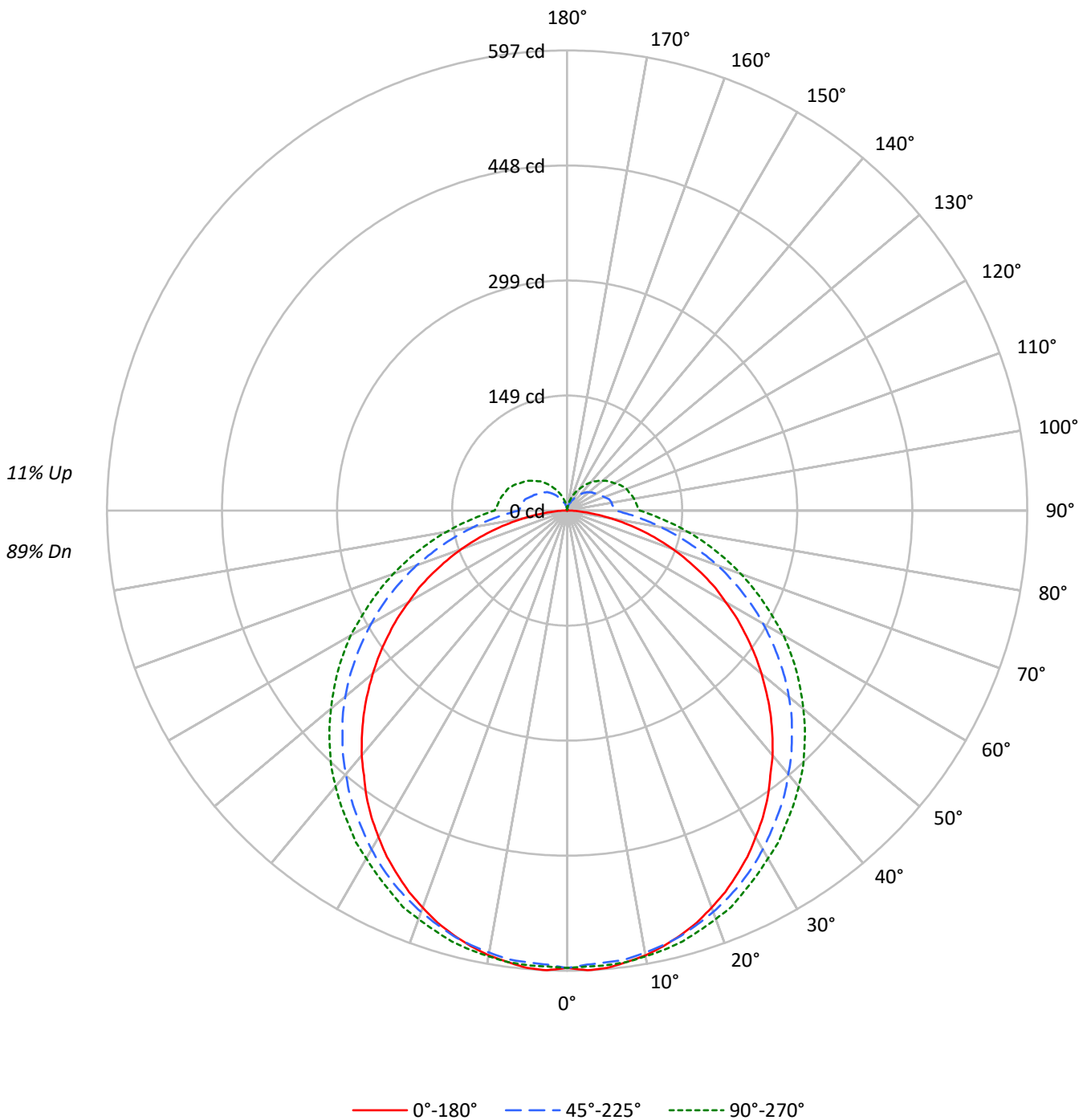
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2112.0 lumens
Efficiency: N/A
Efficacy: 128.8 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Semi-Direct

Input Watts (W): 16.4
Input Voltage (V): NR
Input Current (A_{in}): 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°	6386	6386	6386
5°	6413	6091	6044
10°	6357	5848	5742
15°	6282	5612	5470
20°	6183	5368	5198
25°	6071	5135	4931
30°	5939	4894	4677
35°	5794	4653	4438
40°	5630	4417	4211
45°	5452	4181	3978
50°	5249	3938	3733
55°	5027	3667	3493
60°	4765	3384	3239
65°	4489	3080	2949
70°	4112	2754	2665
75°	3610	2376	2363
80°	2823	1993	2062
85°	1840	1640	1752



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.3	2.7
10°-20°	162.0	7.7
20°-30°	246.3	11.7
30°-40°	299.0	14.2
40°-50°	315.9	15.0
50°-60°	295.6	14.0
60°-70°	242.5	11.5
70°-80°	166.8	7.9
80°-90°	91.4	4.3
90°-100°	58.8	2.8
100°-110°	52.8	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°	464.6	22.0
0°-40°	763.5	36.2
0°-60°	1375.1	65.1
0°-90°	1875.8	88.8
90°-120°	155.3	7.4
90°-150°	226.9	10.7
90°-180°	236.0	11.2
0°-180°	2112.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	593	593	593	593	593	
5°	596	594	588	593	592	56
15°	570	572	571	579	579	161
25°	521	527	533	544	544	240
35°	454	465	478	492	495	283
45°	373	390	412	431	436	288
55°	284	307	335	356	363	254
65°	192	218	251	274	281	190
75°	100	127	164	190	198	106
85°	22	53	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	14	33	48	54	1
145°	1	10	23	37	40	1
155°	1	6	15	23	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°	593.3	593.3	593.3	593.3	593.3
2.5°	596.9	595.7	589.6	594.5	592.0
5°	595.7	594.5	588.4	593.3	592.0
7.5°	590.8	590.8	587.1	592.0	590.8
10°	585.9	585.9	582.3	588.4	587.1
12.5°	578.6	579.8	577.4	584.7	583.5
15°	570.0	572.5	571.2	578.6	578.6
17.5°	560.2	562.7	562.7	571.2	571.2
20°	548.0	551.7	554.1	563.9	563.9
22.5°	535.8	540.7	544.3	552.9	556.6
25°	521.1	527.2	533.3	544.3	544.3
27.5°	506.4	513.8	521.1	532.1	533.3
30°	489.3	497.9	507.6	518.6	521.1
32.5°	472.2	483.2	493.0	506.4	510.1
35°	453.8	464.8	478.3	491.7	495.4
37.5°	433.0	446.5	463.6	478.3	482.0
40°	414.7	429.4	446.5	463.6	467.3
42.5°	393.9	409.8	430.6	446.5	452.6
45°	373.1	390.2	412.2	430.6	435.5
47.5°	351.1	370.6	395.1	412.2	418.3
50°	329.0	349.8	375.5	395.1	400.0
52.5°	307.0	329.0	356.0	375.5	381.6
55°	283.8	307.0	335.2	356.0	363.3
57.5°	261.8	285.0	314.4	336.4	343.7
60°	237.3	264.2	293.6	315.6	324.2
62.5°	216.5	241.0	272.8	294.8	302.1
65°	192.0	217.7	250.8	274.0	281.3
67.5°	168.8	195.7	228.7	253.2	260.5
70°	145.6	172.5	207.9	231.2	239.8
72.5°	122.3	150.5	184.7	210.4	219.0
75°	100.3	127.2	163.9	189.6	198.2
77.5°	77.1	106.4	143.1	168.8	178.6
80°	56.3	86.8	123.5	149.2	159.0
82.5°	37.9	68.5	105.2	130.9	140.7
85°	22.0	52.6	89.3	113.8	122.3
87.5°	11.0	40.4	74.6	99.1	107.6
90°	0.0	29.4	62.4	85.6	94.2
92.5°	0.0	28.1	61.2	83.2	91.7
95°	0.0	28.1	59.9	82.0	90.5
97.5°	0.0	26.9	58.7	82.0	89.3
100°	0.0	25.7	58.7	80.7	88.1
102.5°	0.0	24.5	57.5	79.5	86.8
105°	0.0	23.2	56.3	77.1	84.4
107.5°	1.2	23.2	53.8	75.8	83.2
110°	1.2	22.0	51.4	74.6	82.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.2	20.8	48.9	72.2	79.5
115°	1.2	20.8	47.7	68.5	77.1
117.5°	1.2	19.6	45.3	66.1	74.6
120°	1.2	19.6	44.0	63.6	70.9
122.5°	1.2	18.3	41.6	61.2	68.5
125°	1.2	17.1	40.4	58.7	66.1
127.5°	1.2	15.9	39.1	56.3	63.6
130°	1.2	14.7	36.7	53.8	59.9
132.5°	1.2	14.7	35.5	50.2	57.5
135°	1.2	13.5	33.0	47.7	53.8
137.5°	1.2	12.2	30.6	45.3	51.4
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	40.4
147.5°	1.2	8.6	20.8	33.0	36.7
150°	1.2	8.6	18.3	29.4	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	13.5	17.1
165°	1.2	3.7	7.3	11.0	13.5
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)