

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: P566213

Luminaire Tested: **4SNX-26SL-LW-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566213
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-L950-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

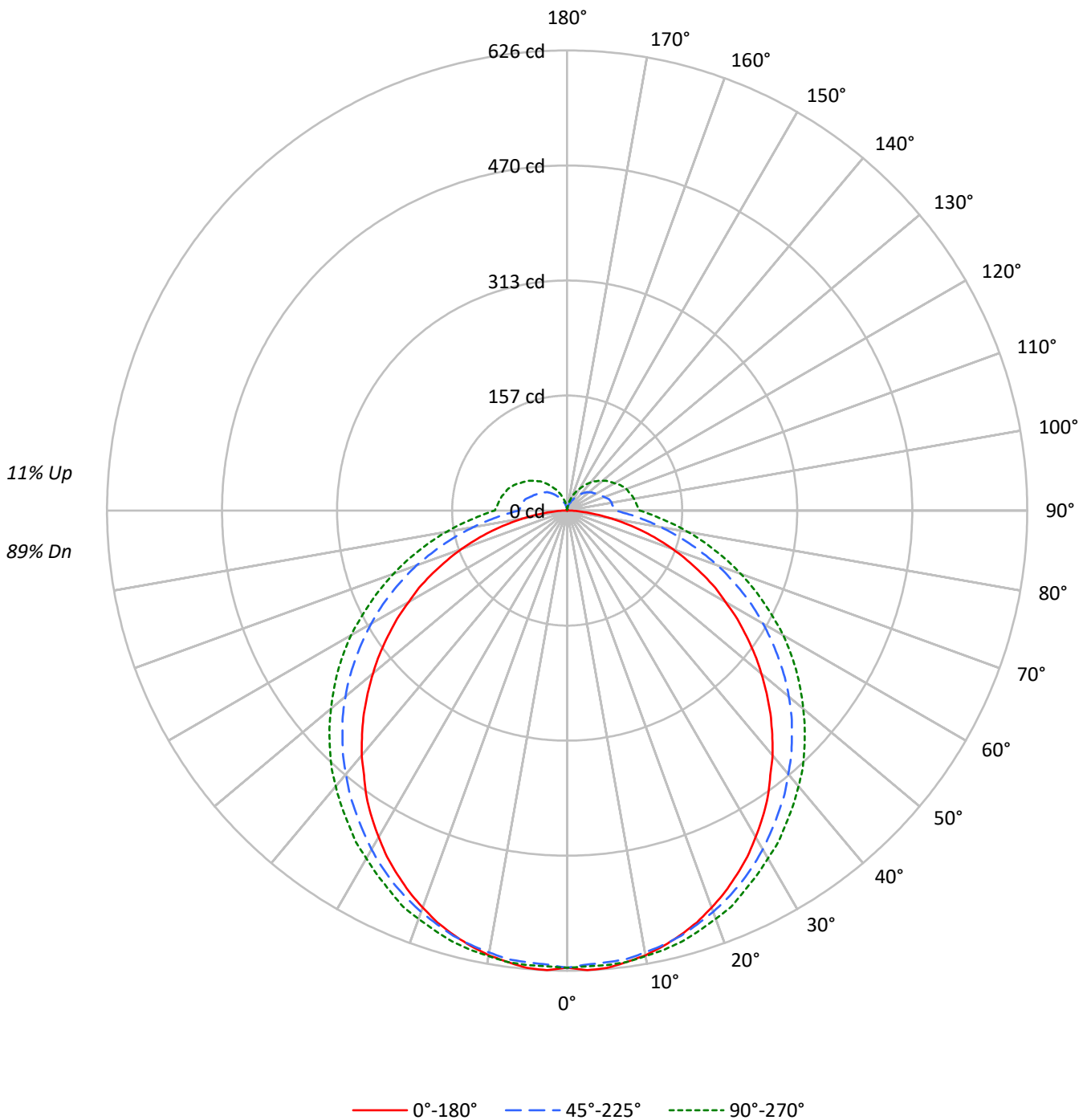
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2214.0 lumens
Efficiency: N/A
Efficacy: 135.0 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 (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°	6694	6694	6694
5°	6723	6385	6336
10°	6664	6130	6020
15°	6586	5883	5734
20°	6482	5628	5449
25°	6365	5383	5170
30°	6225	5131	4903
35°	6074	4878	4652
40°	5902	4630	4413
45°	5715	4383	4169
50°	5502	4128	3913
55°	5269	3844	3661
60°	4996	3548	3395
65°	4706	3228	3091
70°	4309	2887	2793
75°	3783	2490	2476
80°	2958	2090	2161
85°	1933	1719	1837



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.1	2.7
10°-20°	169.8	7.7
20°-30°	258.2	11.7
30°-40°	313.4	14.2
40°-50°	331.2	15.0
50°-60°	309.9	14.0
60°-70°	254.3	11.5
70°-80°	174.9	7.9
80°-90°	95.8	4.3
90°-100°	61.7	2.8
100°-110°	55.3	2.5
110°-120°	45.8	2.1
120°-130°	35.3	1.6
130°-140°	24.8	1.1
140°-150°	14.9	0.7
150°-160°	7.2	0.3
160°-170°	2.3	0.1
170°-180°	0.3	0.0
0°-30°	487.0	22.0
0°-40°	800.4	36.2
0°-60°	1441.5	65.1
0°-90°	1966.4	88.8
90°-120°	162.8	7.4
90°-150°	237.8	10.7
90°-180°	248.0	11.2
0°-180°	2214.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	622	622	622	622	622	
5°	624	623	617	622	621	59
15°	598	600	599	606	606	169
25°	546	553	559	571	571	252
35°	476	487	501	516	519	297
45°	391	409	432	451	456	301
55°	298	322	351	373	381	266
65°	201	228	263	287	295	199
75°	105	133	172	199	208	111
85°	23	55	94	119	128	27
90°	0	31	65	90	99	2
95°	0	30	63	86	95	0
105°	0	24	59	81	88	1
115°	1	22	50	72	81	1
125°	1	18	42	62	69	1
135°	1	14	35	50	56	1
145°	1	10	24	38	42	1
155°	1	6	15	24	28	1
165°	1	4	8	12	14	0
175°	1	1	3	3	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	621.9	621.9	621.9	621.9	621.9
2.5°	625.8	624.5	618.1	623.2	620.6
5°	624.5	623.2	616.8	621.9	620.6
7.5°	619.4	619.4	615.5	620.6	619.4
10°	614.2	614.2	610.4	616.8	615.5
12.5°	606.5	607.8	605.2	612.9	611.7
15°	597.6	600.1	598.8	606.5	606.5
17.5°	587.3	589.9	589.9	598.8	598.8
20°	574.5	578.3	580.9	591.1	591.1
22.5°	561.6	566.8	570.6	579.6	583.4
25°	546.3	552.7	559.1	570.6	570.6
27.5°	530.9	538.6	546.3	557.8	559.1
30°	512.9	521.9	532.2	543.7	546.3
32.5°	495.0	506.5	516.8	530.9	534.7
35°	475.7	487.3	501.4	515.5	519.3
37.5°	453.9	468.0	486.0	501.4	505.2
40°	434.7	450.1	468.0	486.0	489.8
42.5°	412.9	429.6	451.4	468.0	474.5
45°	391.1	409.1	432.1	451.4	456.5
47.5°	368.0	388.5	414.2	432.1	438.5
50°	344.9	366.7	393.7	414.2	419.3
52.5°	321.9	344.9	373.2	393.7	400.1
55°	297.5	321.9	351.4	373.2	380.8
57.5°	274.4	298.8	329.6	352.6	360.3
60°	248.8	277.0	307.8	330.8	339.8
62.5°	227.0	252.6	286.0	309.0	316.7
65°	201.3	228.3	262.9	287.2	294.9
67.5°	177.0	205.2	239.8	265.4	273.1
70°	152.6	180.8	218.0	242.4	251.3
72.5°	128.2	157.7	193.6	220.6	229.5
75°	105.1	133.4	171.8	198.8	207.7
77.5°	80.8	111.6	150.0	177.0	187.2
80°	59.0	91.0	129.5	156.4	166.7
82.5°	39.8	71.8	110.3	137.2	147.5
85°	23.1	55.1	93.6	119.3	128.2
87.5°	11.5	42.3	78.2	103.9	112.8
90°	0.0	30.8	65.4	89.8	98.7
92.5°	0.0	29.5	64.1	87.2	96.2
95°	0.0	29.5	62.8	85.9	94.9
97.5°	0.0	28.2	61.6	85.9	93.6
100°	0.0	26.9	61.6	84.6	92.3
102.5°	0.0	25.6	60.3	83.3	91.0
105°	0.0	24.4	59.0	80.8	88.5
107.5°	1.3	24.4	56.4	79.5	87.2
110°	1.3	23.1	53.9	78.2	85.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.3	21.8	51.3	75.7	83.3
115°	1.3	21.8	50.0	71.8	80.8
117.5°	1.3	20.5	47.4	69.2	78.2
120°	1.3	20.5	46.2	66.7	74.4
122.5°	1.3	19.2	43.6	64.1	71.8
125°	1.3	18.0	42.3	61.6	69.2
127.5°	1.3	16.7	41.0	59.0	66.7
130°	1.3	15.4	38.5	56.4	62.8
132.5°	1.3	15.4	37.2	52.6	60.3
135°	1.3	14.1	34.6	50.0	56.4
137.5°	1.3	12.8	32.1	47.4	53.9
140°	1.3	11.5	29.5	44.9	50.0
142.5°	1.3	11.5	26.9	41.0	46.2
145°	1.3	10.3	24.4	38.5	42.3
147.5°	1.3	9.0	21.8	34.6	38.5
150°	1.3	9.0	19.2	30.8	34.6
152.5°	1.3	7.7	16.7	28.2	32.1
155°	1.3	6.4	15.4	24.4	28.2
157.5°	1.3	6.4	12.8	20.5	24.4
160°	1.3	5.1	11.5	16.7	20.5
162.5°	1.3	5.1	10.3	14.1	18.0
165°	1.3	3.8	7.7	11.5	14.1
167.5°	1.3	3.8	6.4	9.0	11.5
170°	1.3	2.6	5.1	6.4	9.0
172.5°	1.3	2.6	3.8	3.8	3.8
175°	1.3	1.3	2.6	2.6	1.3
177.5°	1.3	1.3	1.3	1.3	1.3
180°	1.3	1.3	1.3	1.3	1.3

(END OF REPORT)