

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: P566206

Luminaire Tested: **4SNX-26SL-LW-UNV-L830-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566206
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-L830-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3000K, 80CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

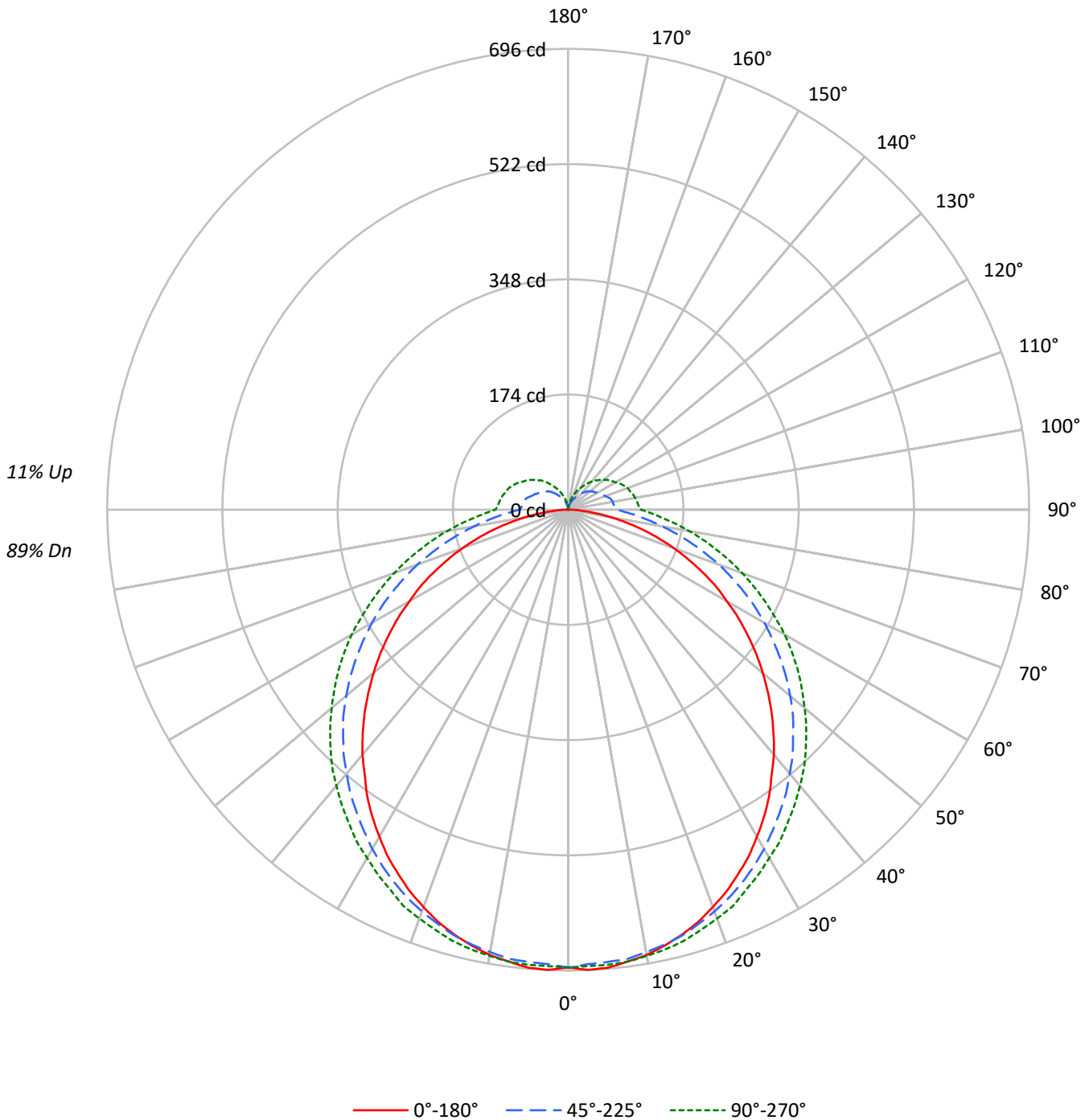
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2461.0 lumens
Efficiency: N/A
Efficacy: 150.1 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°	7441	7441	7441
5°	7474	7097	7044
10°	7407	6814	6692
15°	7320	6540	6374
20°	7206	6256	6057
25°	7074	5984	5747
30°	6919	5703	5449
35°	6752	5422	5172
40°	6560	5147	4906
45°	6353	4871	4634
50°	6117	4589	4349
55°	5857	4272	4069
60°	5552	3944	3774
65°	5233	3588	3436
70°	4789	3209	3105
75°	4207	2768	2753
80°	3289	2324	2402
85°	2150	1912	2042



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.7	2.7
10°-20°	188.7	7.7
20°-30°	287.0	11.7
30°-40°	348.4	14.2
40°-50°	368.1	15.0
50°-60°	344.5	14.0
60°-70°	282.6	11.5
70°-80°	194.4	7.9
80°-90°	106.5	4.3
90°-100°	68.6	2.8
100°-110°	61.5	2.5
110°-120°	50.9	2.1
120°-130°	39.2	1.6
130°-140°	27.5	1.1
140°-150°	16.6	0.7
150°-160°	7.9	0.3
160°-170°	2.6	0.1
170°-180°	0.3	0.0
0°-30°	541.4	22.0
0°-40°	889.7	36.2
0°-60°	1602.3	65.1
0°-90°	2185.8	88.8
90°-120°	181.0	7.4
90°-150°	264.3	10.7
90°-180°	275.0	11.2
0°-180°	2461.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	691	691	691	691	691	
5°	694	693	686	691	690	66
15°	664	667	666	674	674	187
25°	607	614	622	634	634	280
35°	529	542	557	573	577	330
45°	435	455	480	502	507	335
55°	331	358	390	415	423	296
65°	224	254	292	319	328	222
75°	117	148	191	221	231	123
85°	26	61	104	133	142	30
90°	0	34	73	100	110	2
95°	0	33	70	96	106	0
105°	0	27	66	90	98	1
115°	1	24	56	80	90	1
125°	1	20	47	68	77	1
135°	1	16	38	56	63	1
145°	1	11	27	43	47	1
155°	1	7	17	27	31	1
165°	1	4	9	13	16	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°	691.3	691.3	691.3	691.3	691.3
2.5°	695.6	694.2	687.0	692.7	689.9
5°	694.2	692.7	685.6	691.3	689.9
7.5°	688.4	688.4	684.2	689.9	688.4
10°	682.7	682.7	678.5	685.6	684.2
12.5°	674.2	675.6	672.8	681.3	679.9
15°	664.2	667.1	665.6	674.2	674.2
17.5°	652.8	655.7	655.7	665.6	665.6
20°	638.6	642.8	645.7	657.1	657.1
22.5°	624.3	630.0	634.3	644.3	648.5
25°	607.2	614.3	621.5	634.3	634.3
27.5°	590.1	598.7	607.2	620.0	621.5
30°	570.1	580.1	591.5	604.4	607.2
32.5°	550.2	563.0	574.4	590.1	594.4
35°	528.8	541.6	557.3	573.0	577.3
37.5°	504.6	520.3	540.2	557.3	561.6
40°	483.2	500.3	520.3	540.2	544.5
42.5°	459.0	477.5	501.7	520.3	527.4
45°	434.7	454.7	480.3	501.7	507.4
47.5°	409.1	431.9	460.4	480.3	487.5
50°	383.4	407.7	437.6	460.4	466.1
52.5°	357.8	383.4	414.8	437.6	444.7
55°	330.7	357.8	390.5	414.8	423.3
57.5°	305.0	332.1	366.3	392.0	400.5
60°	276.5	307.9	342.1	367.7	377.7
62.5°	252.3	280.8	317.9	343.5	352.1
65°	223.8	253.7	292.2	319.3	327.8
67.5°	196.7	228.1	266.5	295.0	303.6
70°	169.6	201.0	242.3	269.4	279.4
72.5°	142.5	175.3	215.2	245.2	255.1
75°	116.9	148.2	191.0	220.9	230.9
77.5°	89.8	124.0	166.8	196.7	208.1
80°	65.6	101.2	144.0	173.9	185.3
82.5°	44.2	79.8	122.6	152.5	163.9
85°	25.7	61.3	104.1	132.6	142.5
87.5°	12.8	47.0	86.9	115.5	125.4
90°	0.0	34.2	72.7	99.8	109.8
92.5°	0.0	32.8	71.3	96.9	106.9
95°	0.0	32.8	69.8	95.5	105.5
97.5°	0.0	31.4	68.4	95.5	104.1
100°	0.0	29.9	68.4	94.1	102.6
102.5°	0.0	28.5	67.0	92.6	101.2
105°	0.0	27.1	65.6	89.8	98.3
107.5°	1.4	27.1	62.7	88.4	96.9
110°	1.4	25.7	59.9	86.9	95.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.4	24.2	57.0	84.1	92.6
115°	1.4	24.2	55.6	79.8	89.8
117.5°	1.4	22.8	52.7	77.0	86.9
120°	1.4	22.8	51.3	74.1	82.7
122.5°	1.4	21.4	48.5	71.3	79.8
125°	1.4	20.0	47.0	68.4	77.0
127.5°	1.4	18.5	45.6	65.6	74.1
130°	1.4	17.1	42.8	62.7	69.8
132.5°	1.4	17.1	41.3	58.4	67.0
135°	1.4	15.7	38.5	55.6	62.7
137.5°	1.4	14.3	35.6	52.7	59.9
140°	1.4	12.8	32.8	49.9	55.6
142.5°	1.4	12.8	29.9	45.6	51.3
145°	1.4	11.4	27.1	42.8	47.0
147.5°	1.4	10.0	24.2	38.5	42.8
150°	1.4	10.0	21.4	34.2	38.5
152.5°	1.4	8.6	18.5	31.4	35.6
155°	1.4	7.1	17.1	27.1	31.4
157.5°	1.4	7.1	14.3	22.8	27.1
160°	1.4	5.7	12.8	18.5	22.8
162.5°	1.4	5.7	11.4	15.7	20.0
165°	1.4	4.3	8.6	12.8	15.7
167.5°	1.4	4.3	7.1	10.0	12.8
170°	1.4	2.9	5.7	7.1	10.0
172.5°	1.4	2.9	4.3	4.3	4.3
175°	1.4	1.4	2.9	2.9	1.4
177.5°	1.4	1.4	1.4	1.4	1.4
180°	1.4	1.4	1.4	1.4	1.4

(END OF REPORT)