

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: P566214

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

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566214  
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-SLW-UNV-L830-CD  
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3000K, 80CRI LEDS AND SLW LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

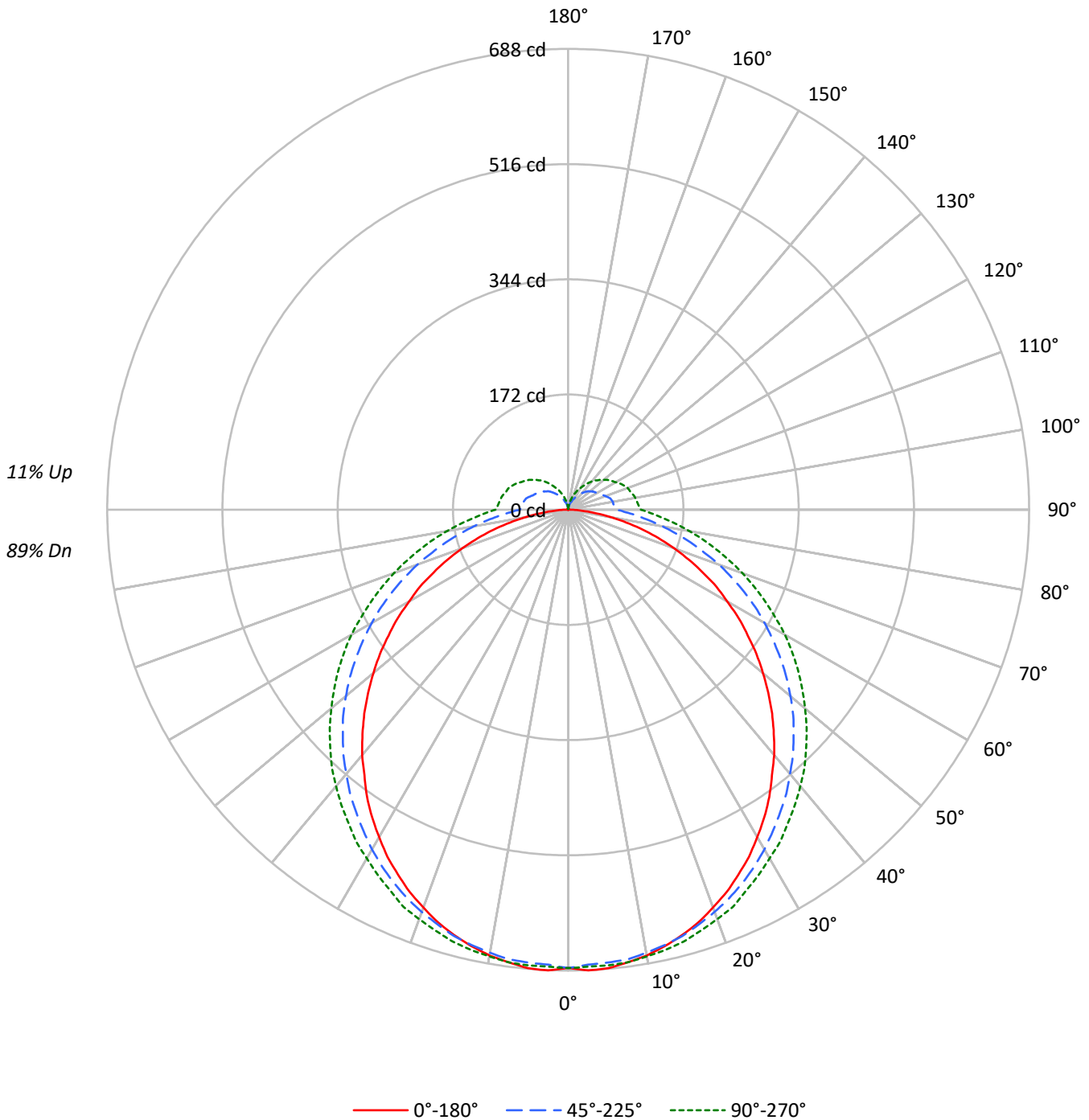
Lumens per Lamp: N/A  
Luminaire Lumens: 2436.0 lumens  
Efficiency: N/A  
Efficacy: 148.5 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')  
CIE Type: Semi-Direct

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°	7366	7366	7366
5°	7411	7176	7170
10°	7360	7031	6992
15°	7286	6883	6829
20°	7186	6711	6647
25°	7069	6544	6457
30°	6932	6361	6268
35°	6779	6172	6092
40°	6606	5984	5923
45°	6417	5793	5740
50°	6202	5591	5536
55°	5965	5349	5334
60°	5688	5090	5111
65°	5401	4799	4828
70°	4999	4480	4551
75°	4466	4073	4246
80°	3599	3658	3943
85°	2536	3303	3634



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	65.0	2.7
10°-20°	186.8	7.7
20°-30°	284.0	11.7
30°-40°	344.8	14.2
40°-50°	364.4	15.0
50°-60°	341.0	14.0
60°-70°	279.7	11.5
70°-80°	192.4	7.9
80°-90°	105.4	4.3
90°-100°	67.8	2.8
100°-110°	60.9	2.5
110°-120°	50.4	2.1
120°-130°	38.8	1.6
130°-140°	27.3	1.1
140°-150°	16.4	0.7
150°-160°	7.9	0.3
160°-170°	2.6	0.1
170°-180°	0.3	0.0
0°-30°	535.9	22.0
0°-40°	880.7	36.2
0°-60°	1586.0	65.1
0°-90°	2163.6	88.8
90°-120°	179.1	7.4
90°-150°	261.6	10.7
90°-180°	272.0	11.2
0°-180°	2436.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	684	684	684	684	684	
5°	687	686	679	684	683	65
15°	658	660	659	667	667	185
25°	601	608	615	628	628	277
35°	523	536	552	567	571	327
45°	430	450	476	497	502	332
55°	327	354	387	411	419	293
65°	222	251	289	316	324	219
75°	116	147	189	219	229	122
85°	25	61	103	131	141	29
90°	0	34	72	99	109	2
95°	0	32	69	94	104	0
105°	0	27	65	89	97	1
115°	1	24	55	79	89	1
125°	1	20	47	68	76	1
135°	1	16	38	55	62	1
145°	1	11	27	42	47	1
155°	1	7	17	27	31	1
165°	1	4	8	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°	684.3	684.3	684.3	684.3	684.3
2.5°	688.5	687.1	680.0	685.7	682.9
5°	687.1	685.7	678.6	684.3	682.9
7.5°	681.5	681.5	677.2	682.9	681.5
10°	675.8	675.8	671.6	678.6	677.2
12.5°	667.3	668.8	665.9	674.4	673.0
15°	657.5	660.3	658.9	667.3	667.3
17.5°	646.2	649.0	649.0	658.9	658.9
20°	632.1	636.3	639.1	650.4	650.4
22.5°	618.0	623.6	627.8	637.7	642.0
25°	601.0	608.1	615.1	627.8	627.8
27.5°	584.1	592.6	601.0	613.7	615.1
30°	564.4	574.2	585.5	598.2	601.0
32.5°	544.6	557.3	568.6	584.1	588.3
35°	523.4	536.1	551.7	567.2	571.4
37.5°	499.5	515.0	534.7	551.7	555.9
40°	478.3	495.2	515.0	534.7	539.0
42.5°	454.3	472.6	496.6	515.0	522.0
45°	430.3	450.1	475.5	496.6	502.3
47.5°	404.9	427.5	455.7	475.5	482.5
50°	379.5	403.5	433.1	455.7	461.4
52.5°	354.1	379.5	410.6	433.1	440.2
55°	327.3	354.1	386.6	410.6	419.0
57.5°	301.9	328.7	362.6	388.0	396.5
60°	273.7	304.8	338.6	364.0	373.9
62.5°	249.7	277.9	314.6	340.0	348.5
65°	221.5	251.1	289.2	316.0	324.5
67.5°	194.7	225.7	263.8	292.1	300.5
70°	167.9	198.9	239.9	266.7	276.5
72.5°	141.1	173.5	213.0	242.7	252.5
75°	115.7	146.7	189.1	218.7	228.6
77.5°	88.9	122.7	165.1	194.7	206.0
80°	64.9	100.2	142.5	172.1	183.4
82.5°	43.7	79.0	121.3	151.0	162.3
85°	25.4	60.7	103.0	131.2	141.1
87.5°	12.7	46.6	86.1	114.3	124.2
90°	0.0	33.9	72.0	98.8	108.6
92.5°	0.0	32.5	70.5	95.9	105.8
95°	0.0	32.5	69.1	94.5	104.4
97.5°	0.0	31.0	67.7	94.5	103.0
100°	0.0	29.6	67.7	93.1	101.6
102.5°	0.0	28.2	66.3	91.7	100.2
105°	0.0	26.8	64.9	88.9	97.4
107.5°	1.4	26.8	62.1	87.5	95.9
110°	1.4	25.4	59.3	86.1	94.5



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.4	24.0	56.4	83.2	91.7
115°	1.4	24.0	55.0	79.0	88.9
117.5°	1.4	22.6	52.2	76.2	86.1
120°	1.4	22.6	50.8	73.4	81.8
122.5°	1.4	21.2	48.0	70.5	79.0
125°	1.4	19.8	46.6	67.7	76.2
127.5°	1.4	18.3	45.1	64.9	73.4
130°	1.4	16.9	42.3	62.1	69.1
132.5°	1.4	16.9	40.9	57.8	66.3
135°	1.4	15.5	38.1	55.0	62.1
137.5°	1.4	14.1	35.3	52.2	59.3
140°	1.4	12.7	32.5	49.4	55.0
142.5°	1.4	12.7	29.6	45.1	50.8
145°	1.4	11.3	26.8	42.3	46.6
147.5°	1.4	9.9	24.0	38.1	42.3
150°	1.4	9.9	21.2	33.9	38.1
152.5°	1.4	8.5	18.3	31.0	35.3
155°	1.4	7.1	16.9	26.8	31.0
157.5°	1.4	7.1	14.1	22.6	26.8
160°	1.4	5.6	12.7	18.3	22.6
162.5°	1.4	5.6	11.3	15.5	19.8
165°	1.4	4.2	8.5	12.7	15.5
167.5°	1.4	4.2	7.1	9.9	12.7
170°	1.4	2.8	5.6	7.1	9.9
172.5°	1.4	2.8	4.2	4.2	4.2
175°	1.4	1.4	2.8	2.8	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)