

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: P566216

Luminaire Tested: **4SNX-26SL-SLW-UNV-L840-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566216
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-L840-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 4000K, 80CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

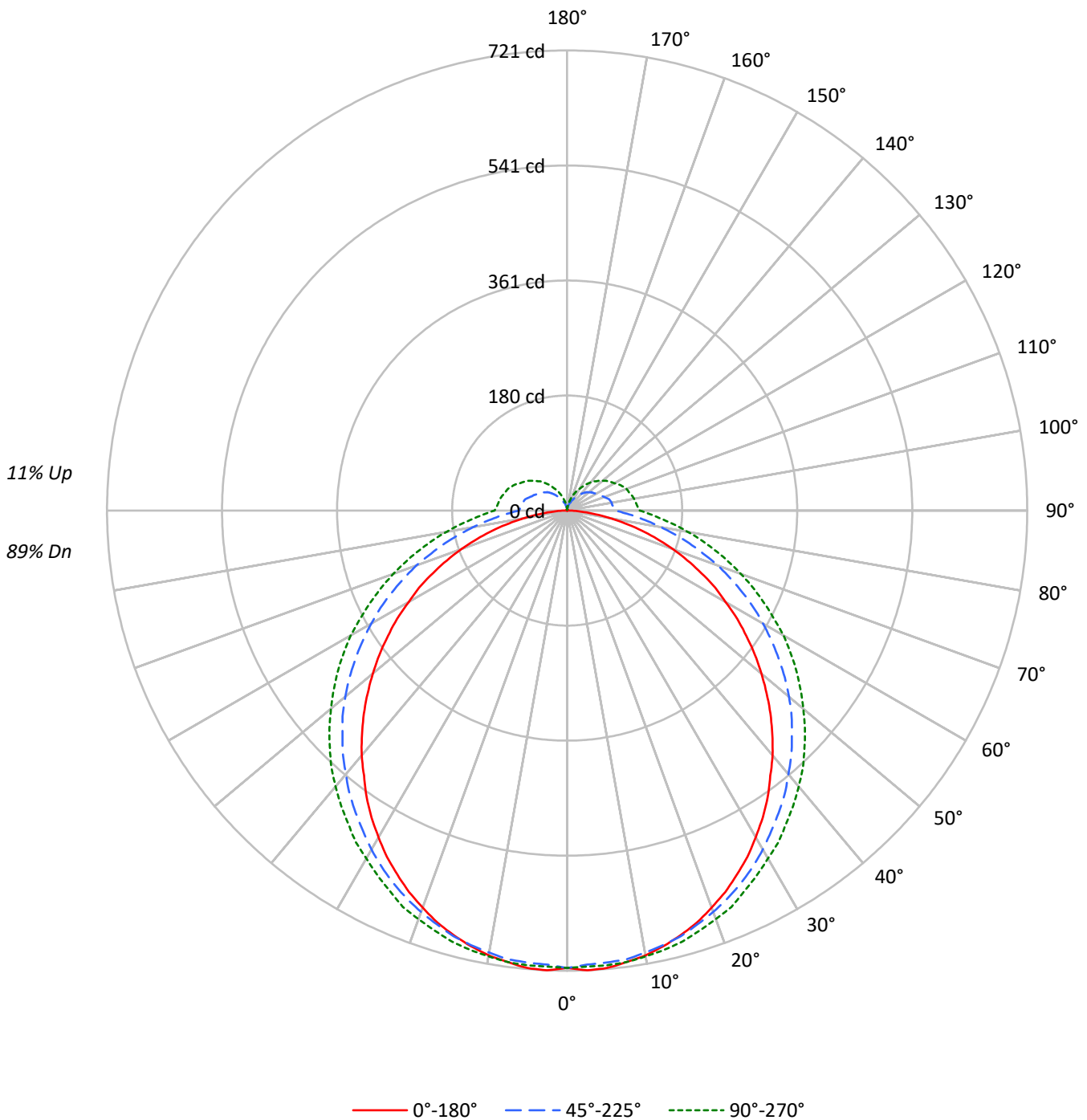
Lumens per Lamp: N/A
Luminaire Lumens: 2551.0 lumens
Efficiency: N/A
Efficacy: 155.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

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°	7713	7713	7713
5°	7760	7515	7509
10°	7707	7363	7323
15°	7630	7207	7152
20°	7525	7029	6961
25°	7404	6854	6762
30°	7259	6662	6565
35°	7099	6462	6380
40°	6918	6266	6203
45°	6720	6066	6011
50°	6494	5855	5796
55°	6248	5601	5586
60°	5956	5331	5351
65°	5657	5026	5055
70°	5234	4691	4766
75°	4678	4265	4447
80°	3771	3830	4131
85°	2655	3460	3804



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.1	2.7
10°-20°	195.6	7.7
20°-30°	297.5	11.7
30°-40°	361.1	14.2
40°-50°	381.6	15.0
50°-60°	357.0	14.0
60°-70°	293.0	11.5
70°-80°	201.5	7.9
80°-90°	110.4	4.3
90°-100°	71.1	2.8
100°-110°	63.8	2.5
110°-120°	52.8	2.1
120°-130°	40.6	1.6
130°-140°	28.6	1.1
140°-150°	17.2	0.7
150°-160°	8.2	0.3
160°-170°	2.7	0.1
170°-180°	0.3	0.0
0°-30°	561.2	22.0
0°-40°	922.3	36.2
0°-60°	1660.9	65.1
0°-90°	2265.7	88.8
90°-120°	187.6	7.4
90°-150°	274.0	10.7
90°-180°	285.0	11.2
0°-180°	2551.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	717	717	717	717	717	
5°	720	718	711	717	715	68
15°	688	692	690	699	699	194
25°	629	637	644	658	658	290
35°	548	561	578	594	598	342
45°	451	471	498	520	526	347
55°	343	371	405	430	439	307
65°	232	263	303	331	340	230
75°	121	154	198	229	239	128
85°	27	64	108	137	148	31
90°	0	36	75	103	114	2
95°	0	34	72	99	109	0
105°	0	28	68	93	102	1
115°	2	25	58	83	93	1
125°	2	21	49	71	80	1
135°	2	16	40	58	65	1
145°	2	12	28	44	49	1
155°	2	7	18	28	32	1
165°	2	4	9	13	16	0
175°	2	2	3	3	2	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	716.6	716.6	716.6	716.6	716.6
2.5°	721.0	719.5	712.1	718.1	715.1
5°	719.5	718.1	710.7	716.6	715.1
7.5°	713.6	713.6	709.2	715.1	713.6
10°	707.7	707.7	703.3	710.7	709.2
12.5°	698.9	700.3	697.4	706.2	704.8
15°	688.5	691.5	690.0	698.9	698.9
17.5°	676.7	679.6	679.6	690.0	690.0
20°	661.9	666.3	669.3	681.1	681.1
22.5°	647.1	653.0	657.5	667.8	672.3
25°	629.4	636.8	644.2	657.5	657.5
27.5°	611.7	620.5	629.4	642.7	644.2
30°	591.0	601.3	613.2	626.5	629.4
32.5°	570.3	583.6	595.4	611.7	616.1
35°	548.1	561.4	577.7	594.0	598.4
37.5°	523.0	539.3	560.0	577.7	582.1
40°	500.9	518.6	539.3	560.0	564.4
42.5°	475.8	495.0	520.1	539.3	546.7
45°	450.6	471.3	497.9	520.1	526.0
47.5°	424.0	447.7	477.2	497.9	505.3
50°	397.4	422.6	453.6	477.2	483.1
52.5°	370.8	397.4	429.9	453.6	461.0
55°	342.8	370.8	404.8	429.9	438.8
57.5°	316.2	344.3	379.7	406.3	415.2
60°	286.6	319.1	354.6	381.2	391.5
62.5°	261.5	291.1	329.5	356.1	364.9
65°	232.0	263.0	302.9	331.0	339.8
67.5°	203.9	236.4	276.3	305.8	314.7
70°	175.8	208.3	251.2	279.2	289.6
72.5°	147.7	181.7	223.1	254.1	264.5
75°	121.2	153.7	198.0	229.0	239.4
77.5°	93.1	128.5	172.9	203.9	215.7
80°	68.0	104.9	149.2	180.3	192.1
82.5°	45.8	82.7	127.1	158.1	169.9
85°	26.6	63.5	107.9	137.4	147.7
87.5°	13.3	48.8	90.1	119.7	130.0
90°	0.0	35.5	75.4	103.4	113.8
92.5°	0.0	34.0	73.9	100.5	110.8
95°	0.0	34.0	72.4	99.0	109.3
97.5°	0.0	32.5	70.9	99.0	107.9
100°	0.0	31.0	70.9	97.5	106.4
102.5°	0.0	29.5	69.4	96.0	104.9
105°	0.0	28.1	68.0	93.1	101.9
107.5°	1.5	28.1	65.0	91.6	100.5
110°	1.5	26.6	62.1	90.1	99.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.5	25.1	59.1	87.2	96.0
115°	1.5	25.1	57.6	82.7	93.1
117.5°	1.5	23.6	54.7	79.8	90.1
120°	1.5	23.6	53.2	76.8	85.7
122.5°	1.5	22.2	50.2	73.9	82.7
125°	1.5	20.7	48.8	70.9	79.8
127.5°	1.5	19.2	47.3	68.0	76.8
130°	1.5	17.7	44.3	65.0	72.4
132.5°	1.5	17.7	42.8	60.6	69.4
135°	1.5	16.3	39.9	57.6	65.0
137.5°	1.5	14.8	36.9	54.7	62.1
140°	1.5	13.3	34.0	51.7	57.6
142.5°	1.5	13.3	31.0	47.3	53.2
145°	1.5	11.8	28.1	44.3	48.8
147.5°	1.5	10.3	25.1	39.9	44.3
150°	1.5	10.3	22.2	35.5	39.9
152.5°	1.5	8.9	19.2	32.5	36.9
155°	1.5	7.4	17.7	28.1	32.5
157.5°	1.5	7.4	14.8	23.6	28.1
160°	1.5	5.9	13.3	19.2	23.6
162.5°	1.5	5.9	11.8	16.3	20.7
165°	1.5	4.4	8.9	13.3	16.3
167.5°	1.5	4.4	7.4	10.3	13.3
170°	1.5	3.0	5.9	7.4	10.3
172.5°	1.5	3.0	4.4	4.4	4.4
175°	1.5	1.5	3.0	3.0	1.5
177.5°	1.5	1.5	1.5	1.5	1.5
180°	1.5	1.5	1.5	1.5	1.5

(END OF REPORT)