

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: P566208

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566208
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-L840-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 4000K, 80CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

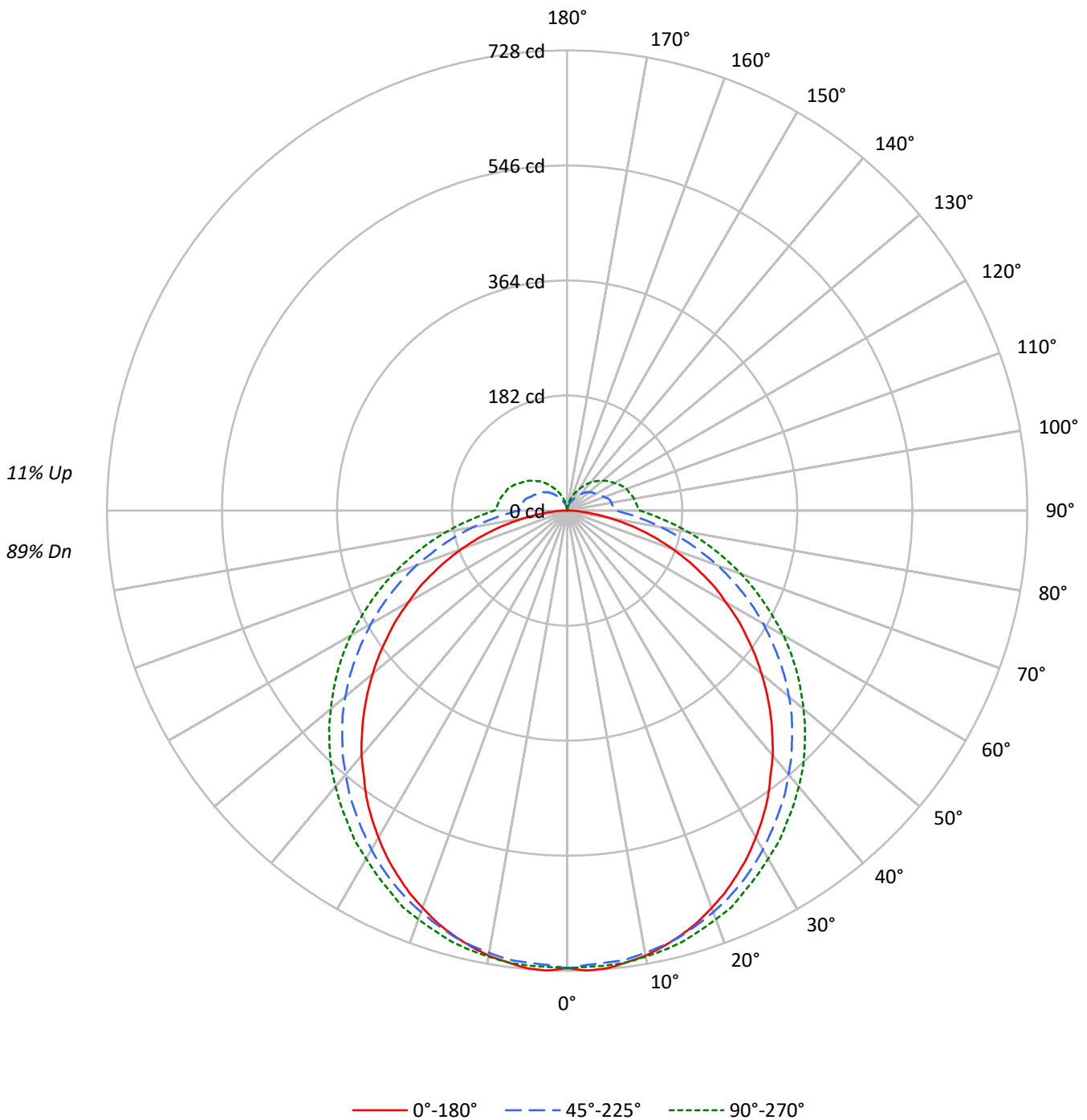
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2577.0 lumens
Efficiency: N/A
Efficacy: 157.1 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°	7792	7792	7792
5°	7826	7431	7375
10°	7757	7136	7007
15°	7665	6848	6675
20°	7545	6550	6343
25°	7407	6266	6018
30°	7246	5972	5706
35°	7070	5677	5415
40°	6870	5390	5138
45°	6652	5102	4853
50°	6405	4805	4555
55°	6134	4475	4262
60°	5815	4129	3951
65°	5478	3758	3599
70°	5015	3360	3251
75°	4405	2899	2883
80°	3445	2432	2515
85°	2250	2002	2139



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.8	2.7
10°-20°	197.6	7.7
20°-30°	300.5	11.7
30°-40°	364.8	14.2
40°-50°	385.5	15.0
50°-60°	360.7	14.0
60°-70°	296.0	11.5
70°-80°	203.6	7.9
80°-90°	111.5	4.3
90°-100°	71.8	2.8
100°-110°	64.4	2.5
110°-120°	53.3	2.1
120°-130°	41.1	1.6
130°-140°	28.8	1.1
140°-150°	17.4	0.7
150°-160°	8.3	0.3
160°-170°	2.7	0.1
170°-180°	0.3	0.0
0°-30°	566.9	22.0
0°-40°	931.7	36.2
0°-60°	1677.8	65.1
0°-90°	2288.8	88.8
90°-120°	189.5	7.4
90°-150°	276.8	10.7
90°-180°	288.0	11.2
0°-180°	2577.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	724	724	724	724	724	
5°	727	725	718	724	722	69
15°	696	698	697	706	706	196
25°	636	643	651	664	664	293
35°	554	567	584	600	604	346
45°	455	476	503	525	531	351
55°	346	375	409	434	443	310
65°	234	266	306	334	343	232
75°	122	155	200	231	242	129
85°	27	64	109	139	149	31
90°	0	36	76	104	115	2
95°	0	34	73	100	110	0
105°	0	28	69	94	103	1
115°	2	25	58	84	94	1
125°	2	21	49	72	81	1
135°	2	16	40	58	66	1
145°	2	12	28	45	49	1
155°	2	8	18	28	33	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°	723.9	723.9	723.9	723.9	723.9
2.5°	728.4	726.9	719.4	725.4	722.4
5°	726.9	725.4	717.9	723.9	722.4
7.5°	720.9	720.9	716.4	722.4	720.9
10°	714.9	714.9	710.5	717.9	716.4
12.5°	706.0	707.5	704.5	713.4	711.9
15°	695.5	698.5	697.0	706.0	706.0
17.5°	683.6	686.6	686.6	697.0	697.0
20°	668.7	673.1	676.1	688.1	688.1
22.5°	653.7	659.7	664.2	674.6	679.1
25°	635.8	643.3	650.8	664.2	664.2
27.5°	617.9	626.9	635.8	649.3	650.8
30°	597.0	607.5	619.4	632.8	635.8
32.5°	576.1	589.6	601.5	617.9	622.4
35°	553.7	567.2	583.6	600.0	604.5
37.5°	528.4	544.8	565.7	583.6	588.1
40°	506.0	523.9	544.8	565.7	570.2
42.5°	480.6	500.0	525.4	544.8	552.2
45°	455.2	476.1	503.0	525.4	531.3
47.5°	428.4	452.2	482.1	503.0	510.5
50°	401.5	426.9	458.2	482.1	488.1
52.5°	374.6	401.5	434.3	458.2	465.7
55°	346.3	374.6	409.0	434.3	443.3
57.5°	319.4	347.8	383.6	410.5	419.4
60°	289.6	322.4	358.2	385.1	395.5
62.5°	264.2	294.0	332.8	359.7	368.7
65°	234.3	265.7	306.0	334.3	343.3
67.5°	206.0	238.8	279.1	309.0	317.9
70°	177.6	210.4	253.7	282.1	292.5
72.5°	149.3	183.6	225.4	256.7	267.2
75°	122.4	155.2	200.0	231.3	241.8
77.5°	94.0	129.9	174.6	206.0	217.9
80°	68.7	106.0	150.7	182.1	194.0
82.5°	46.3	83.6	128.4	159.7	171.6
85°	26.9	64.2	109.0	138.8	149.3
87.5°	13.4	49.3	91.0	120.9	131.3
90°	0.0	35.8	76.1	104.5	114.9
92.5°	0.0	34.3	74.6	101.5	111.9
95°	0.0	34.3	73.1	100.0	110.4
97.5°	0.0	32.8	71.6	100.0	109.0
100°	0.0	31.3	71.6	98.5	107.5
102.5°	0.0	29.9	70.1	97.0	106.0
105°	0.0	28.4	68.7	94.0	103.0
107.5°	1.5	28.4	65.7	92.5	101.5
110°	1.5	26.9	62.7	91.0	100.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.5	25.4	59.7	88.1	97.0
115°	1.5	25.4	58.2	83.6	94.0
117.5°	1.5	23.9	55.2	80.6	91.0
120°	1.5	23.9	53.7	77.6	86.6
122.5°	1.5	22.4	50.7	74.6	83.6
125°	1.5	20.9	49.3	71.6	80.6
127.5°	1.5	19.4	47.8	68.7	77.6
130°	1.5	17.9	44.8	65.7	73.1
132.5°	1.5	17.9	43.3	61.2	70.1
135°	1.5	16.4	40.3	58.2	65.7
137.5°	1.5	14.9	37.3	55.2	62.7
140°	1.5	13.4	34.3	52.2	58.2
142.5°	1.5	13.4	31.3	47.8	53.7
145°	1.5	11.9	28.4	44.8	49.3
147.5°	1.5	10.4	25.4	40.3	44.8
150°	1.5	10.4	22.4	35.8	40.3
152.5°	1.5	9.0	19.4	32.8	37.3
155°	1.5	7.5	17.9	28.4	32.8
157.5°	1.5	7.5	14.9	23.9	28.4
160°	1.5	6.0	13.4	19.4	23.9
162.5°	1.5	6.0	11.9	16.4	20.9
165°	1.5	4.5	9.0	13.4	16.4
167.5°	1.5	4.5	7.5	10.4	13.4
170°	1.5	3.0	6.0	7.5	10.4
172.5°	1.5	3.0	4.5	4.5	4.5
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)