

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: P566210

Luminaire Tested: **4SNX-26SL-LW-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566210
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-L930-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

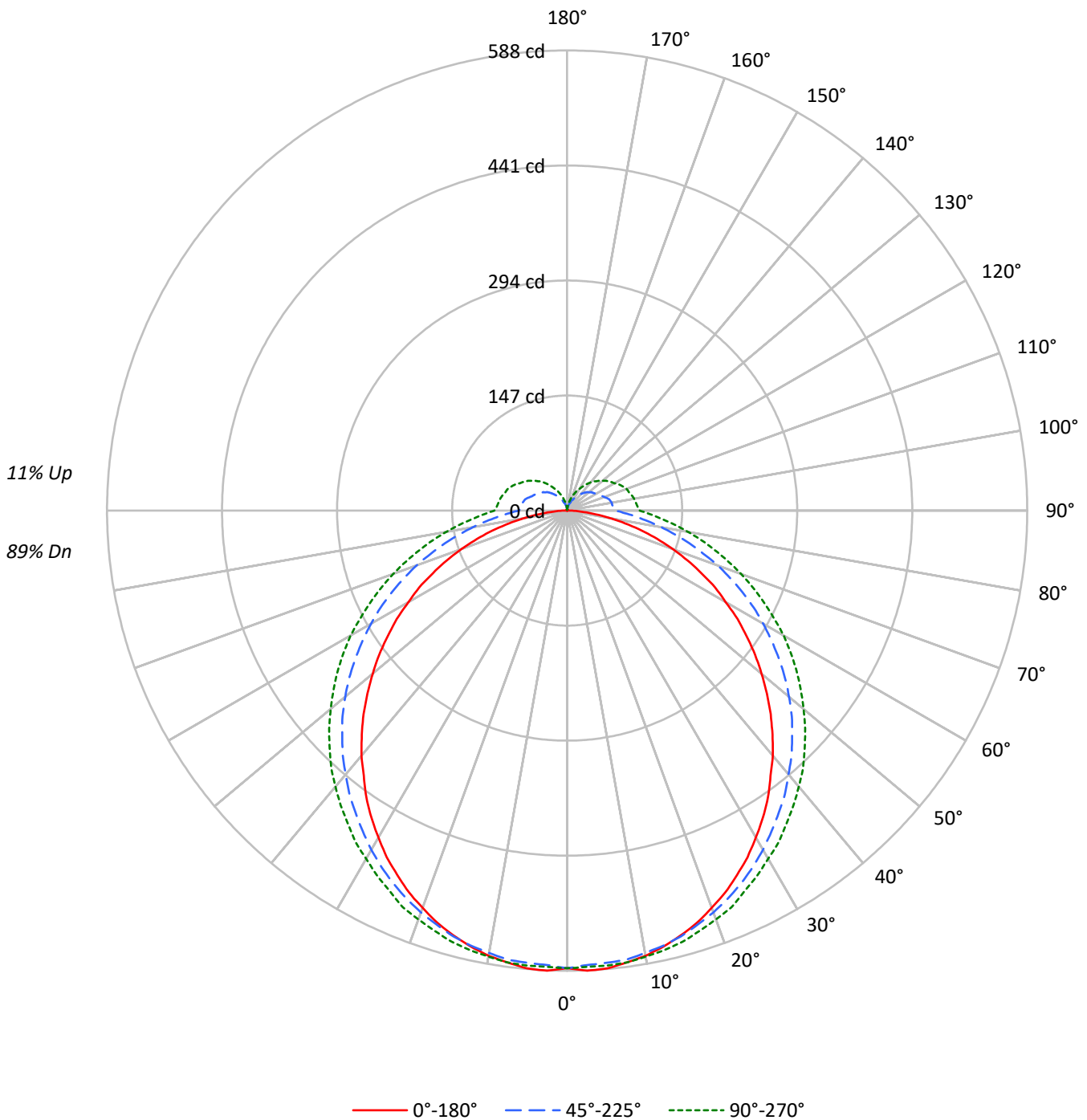
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2082.0 lumens
Efficiency: N/A
Efficacy: 127.0 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 (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°	6295	6295	6295
5°	6323	6004	5958
10°	6267	5765	5661
15°	6192	5532	5393
20°	6095	5293	5124
25°	5985	5062	4862
30°	5854	4824	4610
35°	5712	4587	4375
40°	5550	4354	4150
45°	5375	4122	3921
50°	5175	3882	3679
55°	4956	3615	3443
60°	4696	3336	3193
65°	4426	3036	2907
70°	4052	2715	2626
75°	3560	2342	2329
80°	2783	1966	2033
85°	1815	1616	1728



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.5	2.7
10°-20°	159.7	7.7
20°-30°	242.8	11.7
30°-40°	294.7	14.2
40°-50°	311.4	15.0
50°-60°	291.4	14.0
60°-70°	239.1	11.5
70°-80°	164.5	7.9
80°-90°	90.1	4.3
90°-100°	58.0	2.8
100°-110°	52.1	2.5
110°-120°	43.1	2.1
120°-130°	33.2	1.6
130°-140°	23.3	1.1
140°-150°	14.0	0.7
150°-160°	6.7	0.3
160°-170°	2.2	0.1
170°-180°	0.3	0.0
0°-30°	458.0	22.0
0°-40°	752.7	36.2
0°-60°	1355.6	65.1
0°-90°	1849.2	88.8
90°-120°	153.1	7.4
90°-150°	223.6	10.7
90°-180°	233.0	11.2
0°-180°	2082.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	585	585	585	585	585	
5°	587	586	580	585	584	56
15°	562	564	563	570	570	158
25°	514	520	526	537	537	237
35°	447	458	472	485	488	279
45°	368	385	406	424	429	283
55°	280	303	330	351	358	250
65°	189	215	247	270	277	187
75°	99	125	162	187	195	104
85°	22	52	88	112	121	25
90°	0	29	62	84	93	1
95°	0	28	59	81	89	0
105°	0	23	56	76	83	1
115°	1	20	47	68	76	1
125°	1	17	40	58	65	1
135°	1	13	33	47	53	1
145°	1	10	23	36	40	1
155°	1	6	14	23	26	1
165°	1	4	7	11	13	0
175°	1	1	2	2	1	0
180°	1	1	1	1	1	



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CATALOG NUMBER: 4SNX-26SL-LW-UNV-L930-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	584.8	584.8	584.8	584.8	584.8
2.5°	588.5	587.3	581.2	586.0	583.6
5°	587.3	586.0	580.0	584.8	583.6
7.5°	582.4	582.4	578.8	583.6	582.4
10°	577.6	577.6	574.0	580.0	578.8
12.5°	570.4	571.6	569.2	576.4	575.2
15°	561.9	564.3	563.1	570.4	570.4
17.5°	552.3	554.7	554.7	563.1	563.1
20°	540.2	543.8	546.3	555.9	555.9
22.5°	528.2	533.0	536.6	545.0	548.7
25°	513.7	519.7	525.8	536.6	536.6
27.5°	499.2	506.5	513.7	524.5	525.8
30°	482.3	490.8	500.4	511.3	513.7
32.5°	465.5	476.3	486.0	499.2	502.8
35°	447.4	458.2	471.5	484.8	488.4
37.5°	426.9	440.1	457.0	471.5	475.1
40°	408.8	423.3	440.1	457.0	460.6
42.5°	388.3	404.0	424.5	440.1	446.2
45°	367.8	384.7	406.4	424.5	429.3
47.5°	346.1	365.4	389.5	406.4	412.4
50°	324.4	344.9	370.2	389.5	394.3
52.5°	302.7	324.4	350.9	370.2	376.2
55°	279.8	302.7	330.4	350.9	358.1
57.5°	258.1	281.0	309.9	331.6	338.8
60°	233.9	260.5	289.4	311.1	319.6
62.5°	213.4	237.6	268.9	290.6	297.8
65°	189.3	214.6	247.2	270.1	277.3
67.5°	166.4	192.9	225.5	249.6	256.8
70°	143.5	170.0	205.0	227.9	236.3
72.5°	120.6	148.3	182.1	207.4	215.8
75°	98.9	125.4	161.6	186.9	195.3
77.5°	76.0	104.9	141.1	166.4	176.1
80°	55.5	85.6	121.8	147.1	156.8
82.5°	37.4	67.5	103.7	129.0	138.7
85°	21.7	51.9	88.0	112.1	120.6
87.5°	10.9	39.8	73.6	97.7	106.1
90°	0.0	28.9	61.5	84.4	92.9
92.5°	0.0	27.7	60.3	82.0	90.4
95°	0.0	27.7	59.1	80.8	89.2
97.5°	0.0	26.5	57.9	80.8	88.0
100°	0.0	25.3	57.9	79.6	86.8
102.5°	0.0	24.1	56.7	78.4	85.6
105°	0.0	22.9	55.5	76.0	83.2
107.5°	1.2	22.9	53.1	74.8	82.0
110°	1.2	21.7	50.6	73.6	80.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.2	20.5	48.2	71.1	78.4
115°	1.2	20.5	47.0	67.5	76.0
117.5°	1.2	19.3	44.6	65.1	73.6
120°	1.2	19.3	43.4	62.7	69.9
122.5°	1.2	18.1	41.0	60.3	67.5
125°	1.2	16.9	39.8	57.9	65.1
127.5°	1.2	15.7	38.6	55.5	62.7
130°	1.2	14.5	36.2	53.1	59.1
132.5°	1.2	14.5	35.0	49.4	56.7
135°	1.2	13.3	32.6	47.0	53.1
137.5°	1.2	12.1	30.1	44.6	50.6
140°	1.2	10.9	27.7	42.2	47.0
142.5°	1.2	10.9	25.3	38.6	43.4
145°	1.2	9.6	22.9	36.2	39.8
147.5°	1.2	8.4	20.5	32.6	36.2
150°	1.2	8.4	18.1	28.9	32.6
152.5°	1.2	7.2	15.7	26.5	30.1
155°	1.2	6.0	14.5	22.9	26.5
157.5°	1.2	6.0	12.1	19.3	22.9
160°	1.2	4.8	10.9	15.7	19.3
162.5°	1.2	4.8	9.6	13.3	16.9
165°	1.2	3.6	7.2	10.9	13.3
167.5°	1.2	3.6	6.0	8.4	10.9
170°	1.2	2.4	4.8	6.0	8.4
172.5°	1.2	2.4	3.6	3.6	3.6
175°	1.2	1.2	2.4	2.4	1.2
177.5°	1.2	1.2	1.2	1.2	1.2
180°	1.2	1.2	1.2	1.2	1.2

(END OF REPORT)