

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: P566207

Luminaire Tested: **4SNX-26SL-LW-UNV-L835-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566207
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-L835-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

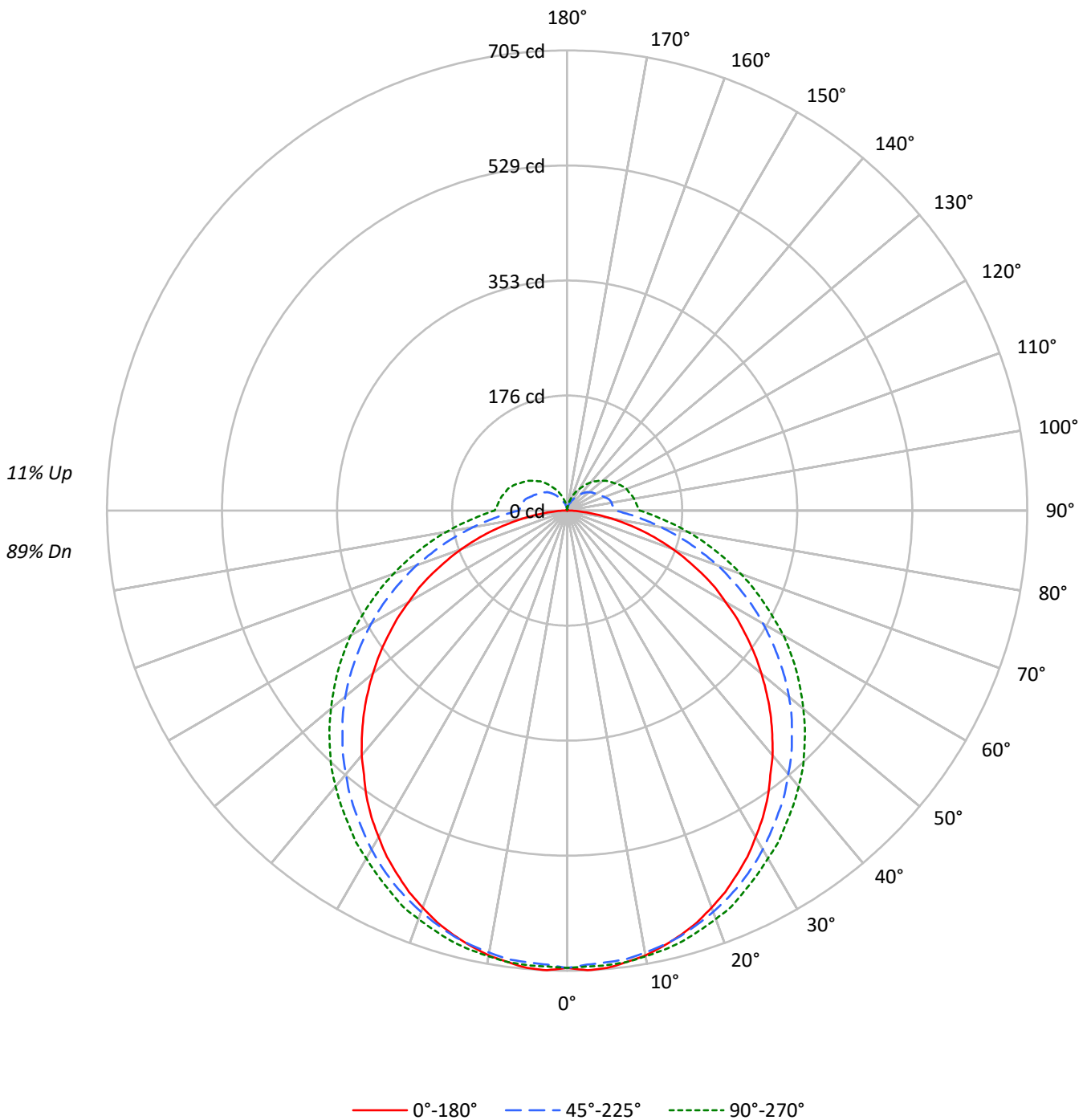
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2494.0 lumens
Efficiency: N/A
Efficacy: 152.1 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°	7541	7541	7541
5°	7574	7192	7137
10°	7507	6906	6781
15°	7418	6628	6459
20°	7302	6339	6138
25°	7168	6064	5824
30°	7013	5780	5522
35°	6842	5495	5241
40°	6648	5216	4972
45°	6439	4937	4696
50°	6200	4651	4407
55°	5935	4330	4124
60°	5626	3997	3825
65°	5303	3636	3482
70°	4854	3253	3146
75°	4261	2806	2790
80°	3329	2355	2435
85°	2175	1936	2069



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.5	2.7
10°-20°	191.3	7.7
20°-30°	290.8	11.7
30°-40°	353.0	14.2
40°-50°	373.1	15.0
50°-60°	349.1	14.0
60°-70°	286.4	11.5
70°-80°	197.0	7.9
80°-90°	107.9	4.3
90°-100°	69.5	2.8
100°-110°	62.3	2.5
110°-120°	51.6	2.1
120°-130°	39.7	1.6
130°-140°	27.9	1.1
140°-150°	16.8	0.7
150°-160°	8.1	0.3
160°-170°	2.6	0.1
170°-180°	0.3	0.0
0°-30°	548.6	22.0
0°-40°	901.7	36.2
0°-60°	1623.8	65.1
0°-90°	2215.1	88.8
90°-120°	183.4	7.4
90°-150°	267.8	10.7
90°-180°	279.0	11.2
0°-180°	2494.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	701	701	701	701	701	
5°	704	702	695	701	699	67
15°	673	676	675	683	683	190
25°	615	623	630	643	643	284
35°	536	549	565	581	585	335
45°	441	461	487	508	514	340
55°	335	363	396	420	429	300
65°	227	257	296	324	332	225
75°	118	150	194	224	234	125
85°	26	62	105	134	144	30
90°	0	35	74	101	111	2
95°	0	33	71	97	107	0
105°	0	27	66	91	100	1
115°	1	25	56	81	91	1
125°	1	20	48	69	78	1
135°	1	16	39	56	64	1
145°	1	12	27	43	48	1
155°	1	7	17	27	32	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°	700.6	700.6	700.6	700.6	700.6
2.5°	704.9	703.5	696.2	702.0	699.1
5°	703.5	702.0	694.8	700.6	699.1
7.5°	697.7	697.7	693.3	699.1	697.7
10°	691.9	691.9	687.6	694.8	693.3
12.5°	683.2	684.7	681.8	690.5	689.0
15°	673.1	676.0	674.6	683.2	683.2
17.5°	661.6	664.5	664.5	674.6	674.6
20°	647.1	651.5	654.3	665.9	665.9
22.5°	632.7	638.5	642.8	652.9	657.2
25°	615.3	622.6	629.8	642.8	642.8
27.5°	598.0	606.7	615.3	628.3	629.8
30°	577.8	587.9	599.5	612.5	615.3
32.5°	557.6	570.6	582.1	598.0	602.3
35°	535.9	548.9	564.8	580.7	585.0
37.5°	511.3	527.2	547.5	564.8	569.1
40°	489.7	507.0	527.2	547.5	551.8
42.5°	465.1	483.9	508.5	527.2	534.5
45°	440.6	460.8	486.8	508.5	514.2
47.5°	414.6	437.7	466.6	486.8	494.0
50°	388.6	413.1	443.5	466.6	472.3
52.5°	362.6	388.6	420.3	443.5	450.7
55°	335.1	362.6	395.8	420.3	429.0
57.5°	309.1	336.6	371.2	397.2	405.9
60°	280.2	312.0	346.7	372.7	382.8
62.5°	255.7	284.6	322.1	348.1	356.8
65°	226.8	257.1	296.1	323.6	332.2
67.5°	199.3	231.1	270.1	299.0	307.7
70°	171.9	203.7	245.6	273.0	283.1
72.5°	144.4	177.7	218.1	248.4	258.6
75°	118.4	150.2	193.6	223.9	234.0
77.5°	91.0	125.7	169.0	199.3	210.9
80°	66.4	102.6	145.9	176.2	187.8
82.5°	44.8	80.9	124.2	154.6	166.1
85°	26.0	62.1	105.4	134.3	144.4
87.5°	13.0	47.7	88.1	117.0	127.1
90°	0.0	34.7	73.7	101.1	111.2
92.5°	0.0	33.2	72.2	98.2	108.3
95°	0.0	33.2	70.8	96.8	106.9
97.5°	0.0	31.8	69.3	96.8	105.4
100°	0.0	30.3	69.3	95.3	104.0
102.5°	0.0	28.9	67.9	93.9	102.6
105°	0.0	27.4	66.4	91.0	99.7
107.5°	1.4	27.4	63.6	89.6	98.2
110°	1.4	26.0	60.7	88.1	96.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.4	24.6	57.8	85.2	93.9
115°	1.4	24.6	56.3	80.9	91.0
117.5°	1.4	23.1	53.4	78.0	88.1
120°	1.4	23.1	52.0	75.1	83.8
122.5°	1.4	21.7	49.1	72.2	80.9
125°	1.4	20.2	47.7	69.3	78.0
127.5°	1.4	18.8	46.2	66.4	75.1
130°	1.4	17.3	43.3	63.6	70.8
132.5°	1.4	17.3	41.9	59.2	67.9
135°	1.4	15.9	39.0	56.3	63.6
137.5°	1.4	14.4	36.1	53.4	60.7
140°	1.4	13.0	33.2	50.6	56.3
142.5°	1.4	13.0	30.3	46.2	52.0
145°	1.4	11.6	27.4	43.3	47.7
147.5°	1.4	10.1	24.6	39.0	43.3
150°	1.4	10.1	21.7	34.7	39.0
152.5°	1.4	8.7	18.8	31.8	36.1
155°	1.4	7.2	17.3	27.4	31.8
157.5°	1.4	7.2	14.4	23.1	27.4
160°	1.4	5.8	13.0	18.8	23.1
162.5°	1.4	5.8	11.6	15.9	20.2
165°	1.4	4.3	8.7	13.0	15.9
167.5°	1.4	4.3	7.2	10.1	13.0
170°	1.4	2.9	5.8	7.2	10.1
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)