

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: P566186

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566186
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-15)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-26SL-FDL-UNV-L930-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND FDL LENS
Light Source: -
Ballast/Driver: -

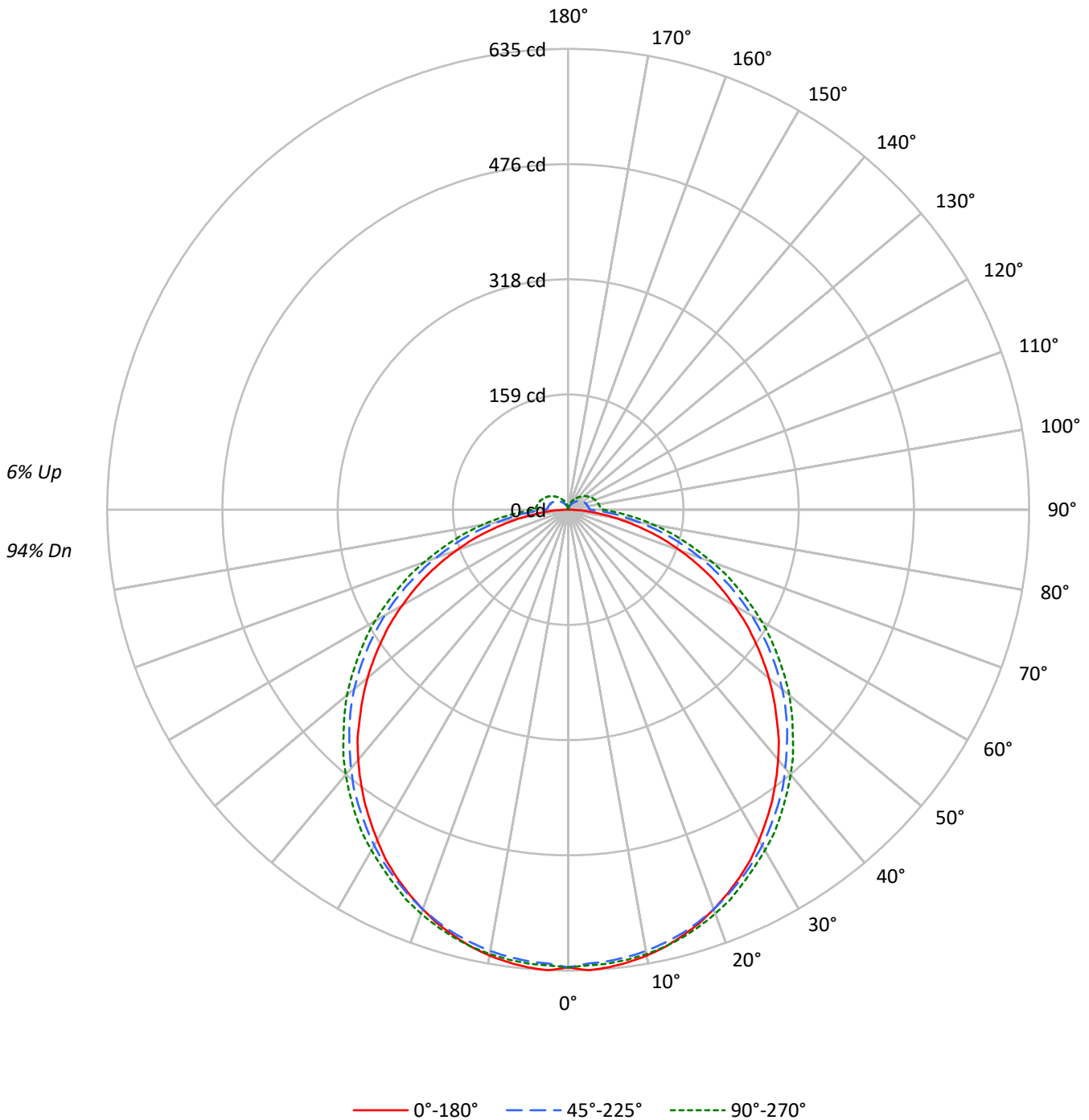
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2004.1 lumens
Efficiency: N/A
Efficacy: 122.2 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.28 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.04')
CIE Type: 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	50	30	10	0	
RCR																						
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	94				
1	107	102	97	93	103	99	95	91	93	90	87	88	86	83	84	82	80	77				
2	97	88	81	75	93	86	79	74	81	76	71	77	73	69	73	69	66	64				
3	88	77	69	62	85	75	67	61	71	65	59	68	62	57	64	60	56	53				
4	80	68	59	52	78	66	58	52	63	56	50	60	54	49	57	52	48	45				
5	74	61	52	45	71	59	51	44	56	49	43	54	47	42	51	46	41	39				
6	68	55	46	39	66	53	45	39	51	43	38	49	42	37	47	41	36	34				
7	63	49	41	34	61	48	40	34	46	39	33	44	38	33	43	37	32	30				
8	59	45	36	31	57	44	36	30	42	35	30	41	34	29	39	33	29	27				
9	55	41	33	27	53	40	33	27	39	32	27	37	31	26	36	30	26	24				
10	51	38	30	25	50	37	30	25	36	29	24	35	28	24	33	28	24	22				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6788	6788	6788
5°	6834	6676	6686
10°	6807	6603	6601
15°	6755	6520	6507
20°	6686	6419	6397
25°	6606	6308	6265
30°	6497	6194	6144
35°	6388	6062	6018
40°	6268	5915	5875
45°	6117	5771	5710
50°	5969	5606	5558
55°	5788	5401	5348
60°	5583	5168	5140
65°	5366	4887	4854
70°	4993	4538	4559
75°	4548	4124	4205
80°	3886	3578	3811
85°	3057	3099	3350



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.8	3.0
10°-20°	171.6	8.6
20°-30°	260.1	13.0
30°-40°	314.0	15.7
40°-50°	327.9	16.4
50°-60°	301.2	15.0
60°-70°	238.2	11.9
70°-80°	150.7	7.5
80°-90°	64.8	3.2
90°-100°	28.5	1.4
100°-110°	25.5	1.3
110°-120°	21.6	1.1
120°-130°	16.8	0.8
130°-140°	11.6	0.6
140°-150°	7.0	0.3
150°-160°	3.4	0.2
160°-170°	1.2	0.1
170°-180°	0.2	0.0
0°-30°	491.5	24.5
0°-40°	805.4	40.2
0°-60°	1434.5	71.6
0°-90°	1888.2	94.2
90°-120°	75.6	3.8
90°-150°	111.0	5.5
90°-180°	116.0	5.8
0°-180°	2004.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	631	631	631	631	631	
5°	633	631	625	630	628	60
15°	608	608	605	611	610	172
25°	559	561	562	570	568	257
35°	490	495	502	510	511	306
45°	406	416	427	435	438	314
55°	313	326	339	350	353	280
65°	215	228	243	255	259	212
75°	114	127	146	158	164	120
85°	28	43	61	74	79	31
90°	2	15	31	44	48	2
95°	0	13	28	40	44	0
105°	0	12	27	37	41	0
115°	0	10	24	34	37	0
125°	1	9	20	29	32	1
135°	1	7	16	23	26	1
145°	1	5	11	17	19	0
155°	1	4	8	11	13	0
165°	1	2	4	5	8	0
175°	1	1	2	2	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	630.6	630.6	630.6	630.6	630.6
2.5°	635.2	633.1	626.0	631.0	628.5
5°	633.1	631.3	624.6	629.9	627.8
7.5°	629.2	627.8	621.7	627.4	625.3
10°	623.9	622.8	617.5	623.2	621.7
12.5°	617.1	616.8	611.5	617.8	616.8
15°	607.9	607.9	604.7	611.1	610.0
17.5°	598.0	598.3	595.8	602.6	601.9
20°	585.9	587.7	585.9	593.0	592.3
22.5°	572.8	575.3	574.6	581.6	582.0
25°	558.9	561.4	562.1	569.6	568.5
27.5°	543.7	547.6	549.0	555.7	555.4
30°	525.9	531.3	534.4	540.1	541.9
32.5°	507.8	514.2	518.1	525.9	528.1
35°	489.7	495.4	501.8	509.6	511.4
37.5°	469.9	476.2	484.8	492.2	494.3
40°	450.0	457.1	465.2	473.4	476.6
42.5°	429.4	436.9	445.7	455.3	458.5
45°	406.0	415.9	426.6	434.7	437.6
47.5°	383.6	394.6	406.0	414.9	418.0
50°	360.9	372.6	384.7	392.9	397.8
52.5°	337.1	349.9	362.0	372.3	375.5
55°	313.0	325.8	339.3	350.3	352.8
57.5°	289.6	302.0	315.5	325.8	330.7
60°	264.0	277.5	292.1	302.4	307.7
62.5°	239.2	252.3	267.9	278.9	283.2
65°	215.4	227.5	243.4	254.8	258.7
67.5°	189.2	203.0	218.3	231.4	236.3
70°	163.2	176.4	193.8	206.2	211.2
72.5°	139.1	151.9	169.3	181.7	186.3
75°	113.6	127.0	145.5	157.9	164.0
77.5°	89.1	104.0	121.7	135.2	142.0
80°	66.4	79.5	98.7	113.6	119.6
82.5°	45.1	59.3	79.1	93.0	99.7
85°	27.7	42.6	61.0	74.2	78.8
87.5°	13.1	27.3	44.4	57.1	62.8
90°	1.8	15.3	31.2	43.7	48.3
92.5°	0.4	13.1	28.7	40.5	44.7
95°	0.4	13.1	28.4	39.7	44.0
97.5°	0.4	12.8	28.0	39.4	43.3
100°	0.4	12.4	27.7	38.7	42.9
102.5°	0.4	12.4	27.0	38.0	41.9
105°	0.4	12.1	26.6	37.3	41.2
107.5°	0.4	11.7	25.9	36.6	40.5
110°	0.4	11.0	25.6	35.5	39.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.4	10.6	24.8	34.8	38.3
115°	0.4	10.3	24.1	33.7	37.3
117.5°	0.4	9.9	23.1	32.6	36.2
120°	0.7	9.9	22.4	31.6	34.8
122.5°	0.7	9.6	21.3	30.2	33.4
125°	0.7	9.2	20.2	29.1	32.3
127.5°	0.7	8.9	19.2	27.7	30.5
130°	0.7	8.2	18.5	26.3	29.1
132.5°	0.7	7.8	17.4	24.5	27.3
135°	0.7	7.1	16.3	23.1	25.9
137.5°	0.7	6.7	15.3	21.6	24.1
140°	0.7	6.4	13.8	20.2	22.7
142.5°	0.7	5.7	12.8	18.8	20.9
145°	0.7	5.3	11.4	17.4	19.2
147.5°	0.7	4.6	10.3	16.0	17.7
150°	0.7	4.3	9.2	14.6	16.3
152.5°	0.7	3.9	8.2	12.8	14.6
155°	0.7	3.5	7.5	11.0	13.1
157.5°	0.7	3.2	6.4	9.6	11.7
160°	1.1	2.8	5.7	8.2	9.9
162.5°	1.1	2.5	4.6	6.7	8.9
165°	1.1	2.5	3.9	5.3	7.5
167.5°	1.1	2.1	3.2	4.3	6.0
170°	1.1	1.8	2.8	3.2	4.6
172.5°	1.1	1.4	2.1	2.1	2.5
175°	1.1	1.4	1.8	1.8	1.1
177.5°	1.1	1.1	1.1	1.1	0.7
180°	1.1	1.1	1.1	1.1	1.1

(END OF REPORT)