

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: P566212

Luminaire Tested: **4SNX-26SL-LW-UNV-L940-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566212
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-L940-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

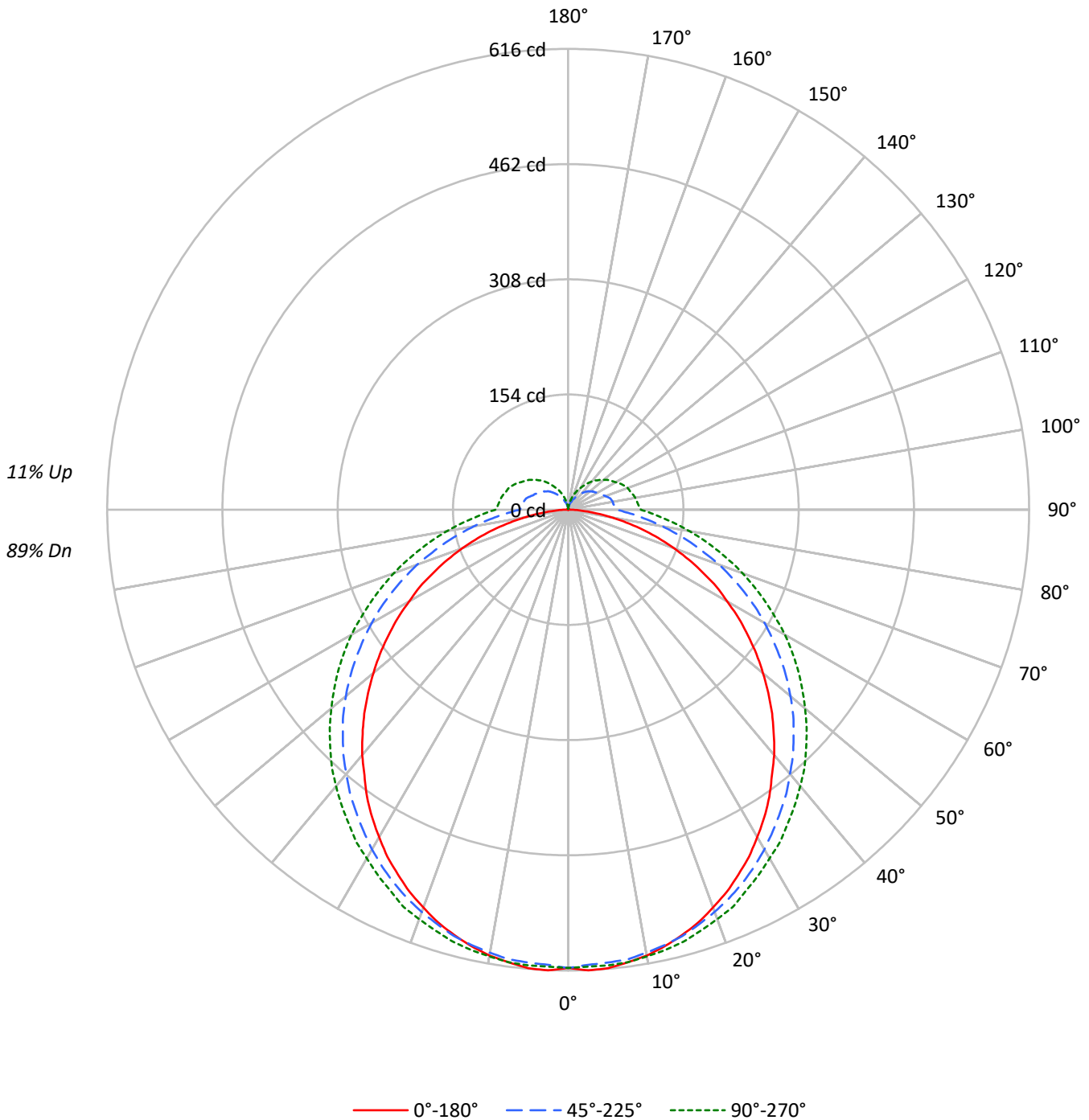
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2181.0 lumens
Efficiency: N/A
Efficacy: 133.0 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	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°	6594	6594	6594
5°	6623	6290	6242
10°	6565	6039	5930
15°	6487	5796	5649
20°	6385	5544	5368
25°	6269	5303	5093
30°	6133	5054	4829
35°	5983	4805	4583
40°	5814	4562	4348
45°	5631	4318	4107
50°	5421	4067	3855
55°	5191	3786	3607
60°	4921	3495	3344
65°	4636	3180	3045
70°	4244	2844	2752
75°	3729	2454	2439
80°	2913	2059	2129
85°	1899	1693	1810



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.2	2.7
10°-20°	167.3	7.7
20°-30°	254.3	11.7
30°-40°	308.7	14.2
40°-50°	326.2	15.0
50°-60°	305.3	14.0
60°-70°	250.5	11.5
70°-80°	172.3	7.9
80°-90°	94.3	4.3
90°-100°	60.8	2.8
100°-110°	54.5	2.5
110°-120°	45.1	2.1
120°-130°	34.7	1.6
130°-140°	24.4	1.1
140°-150°	14.7	0.7
150°-160°	7.0	0.3
160°-170°	2.3	0.1
170°-180°	0.3	0.0
0°-30°	479.8	22.0
0°-40°	788.5	36.2
0°-60°	1420.0	65.1
0°-90°	1937.1	88.8
90°-120°	160.4	7.4
90°-150°	234.3	10.7
90°-180°	244.0	11.2
0°-180°	2181.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	613	613	613	613	613	
5°	615	614	608	613	611	58
15°	589	591	590	598	598	166
25°	538	544	551	562	562	248
35°	469	480	494	508	512	293
45°	385	403	426	445	450	297
55°	293	317	346	368	375	262
65°	198	225	259	283	290	196
75°	104	131	169	196	205	109
85°	23	54	92	118	126	26
90°	0	30	64	88	97	2
95°	0	29	62	85	94	0
105°	0	24	58	80	87	1
115°	1	22	49	71	80	1
125°	1	18	42	61	68	1
135°	1	14	34	49	56	1
145°	1	10	24	38	42	1
155°	1	6	15	24	28	1
165°	1	4	8	11	14	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°	612.6	612.6	612.6	612.6	612.6
2.5°	616.4	615.2	608.9	613.9	611.4
5°	615.2	613.9	607.6	612.6	611.4
7.5°	610.1	610.1	606.3	611.4	610.1
10°	605.1	605.1	601.3	607.6	606.3
12.5°	597.5	598.8	596.2	603.8	602.5
15°	588.6	591.2	589.9	597.5	597.5
17.5°	578.5	581.1	581.1	589.9	589.9
20°	565.9	569.7	572.2	582.3	582.3
22.5°	553.3	558.3	562.1	571.0	574.8
25°	538.1	544.4	550.8	562.1	562.1
27.5°	523.0	530.5	538.1	549.5	550.8
30°	505.3	514.1	524.2	535.6	538.1
32.5°	487.6	499.0	509.1	523.0	526.8
35°	468.6	480.0	493.9	507.8	511.6
37.5°	447.2	461.1	478.7	493.9	497.7
40°	428.2	443.4	461.1	478.7	482.5
42.5°	406.7	423.2	444.6	461.1	467.4
45°	385.3	403.0	425.7	444.6	449.7
47.5°	362.5	382.7	408.0	425.7	432.0
50°	339.8	361.3	387.8	408.0	413.1
52.5°	317.1	339.8	367.6	387.8	394.1
55°	293.1	317.1	346.1	367.6	375.2
57.5°	270.3	294.3	324.6	347.4	355.0
60°	245.1	272.8	303.2	325.9	334.7
62.5°	223.6	248.8	281.7	304.4	312.0
65°	198.3	224.8	259.0	283.0	290.5
67.5°	174.3	202.1	236.2	261.5	269.1
70°	150.3	178.1	214.7	238.7	247.6
72.5°	126.3	155.4	190.7	217.3	226.1
75°	103.6	131.4	169.3	195.8	204.6
77.5°	79.6	109.9	147.8	174.3	184.4
80°	58.1	89.7	127.6	154.1	164.2
82.5°	39.2	70.7	108.6	135.2	145.3
85°	22.7	54.3	92.2	117.5	126.3
87.5°	11.4	41.7	77.1	102.3	111.2
90°	0.0	30.3	64.4	88.4	97.3
92.5°	0.0	29.1	63.2	85.9	94.7
95°	0.0	29.1	61.9	84.6	93.5
97.5°	0.0	27.8	60.6	84.6	92.2
100°	0.0	26.5	60.6	83.4	90.9
102.5°	0.0	25.3	59.4	82.1	89.7
105°	0.0	24.0	58.1	79.6	87.2
107.5°	1.3	24.0	55.6	78.3	85.9
110°	1.3	22.7	53.1	77.1	84.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.3	21.5	50.5	74.5	82.1
115°	1.3	21.5	49.3	70.7	79.6
117.5°	1.3	20.2	46.7	68.2	77.1
120°	1.3	20.2	45.5	65.7	73.3
122.5°	1.3	18.9	42.9	63.2	70.7
125°	1.3	17.7	41.7	60.6	68.2
127.5°	1.3	16.4	40.4	58.1	65.7
130°	1.3	15.2	37.9	55.6	61.9
132.5°	1.3	15.2	36.6	51.8	59.4
135°	1.3	13.9	34.1	49.3	55.6
137.5°	1.3	12.6	31.6	46.7	53.1
140°	1.3	11.4	29.1	44.2	49.3
142.5°	1.3	11.4	26.5	40.4	45.5
145°	1.3	10.1	24.0	37.9	41.7
147.5°	1.3	8.8	21.5	34.1	37.9
150°	1.3	8.8	18.9	30.3	34.1
152.5°	1.3	7.6	16.4	27.8	31.6
155°	1.3	6.3	15.2	24.0	27.8
157.5°	1.3	6.3	12.6	20.2	24.0
160°	1.3	5.1	11.4	16.4	20.2
162.5°	1.3	5.1	10.1	13.9	17.7
165°	1.3	3.8	7.6	11.4	13.9
167.5°	1.3	3.8	6.3	8.8	11.4
170°	1.3	2.5	5.1	6.3	8.8
172.5°	1.3	2.5	3.8	3.8	3.8
175°	1.3	1.3	2.5	2.5	1.3
177.5°	1.3	1.3	1.3	1.3	1.3
180°	1.3	1.3	1.3	1.3	1.3

(END OF REPORT)