

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: P566220

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566220
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-SLW-UNV-L940-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

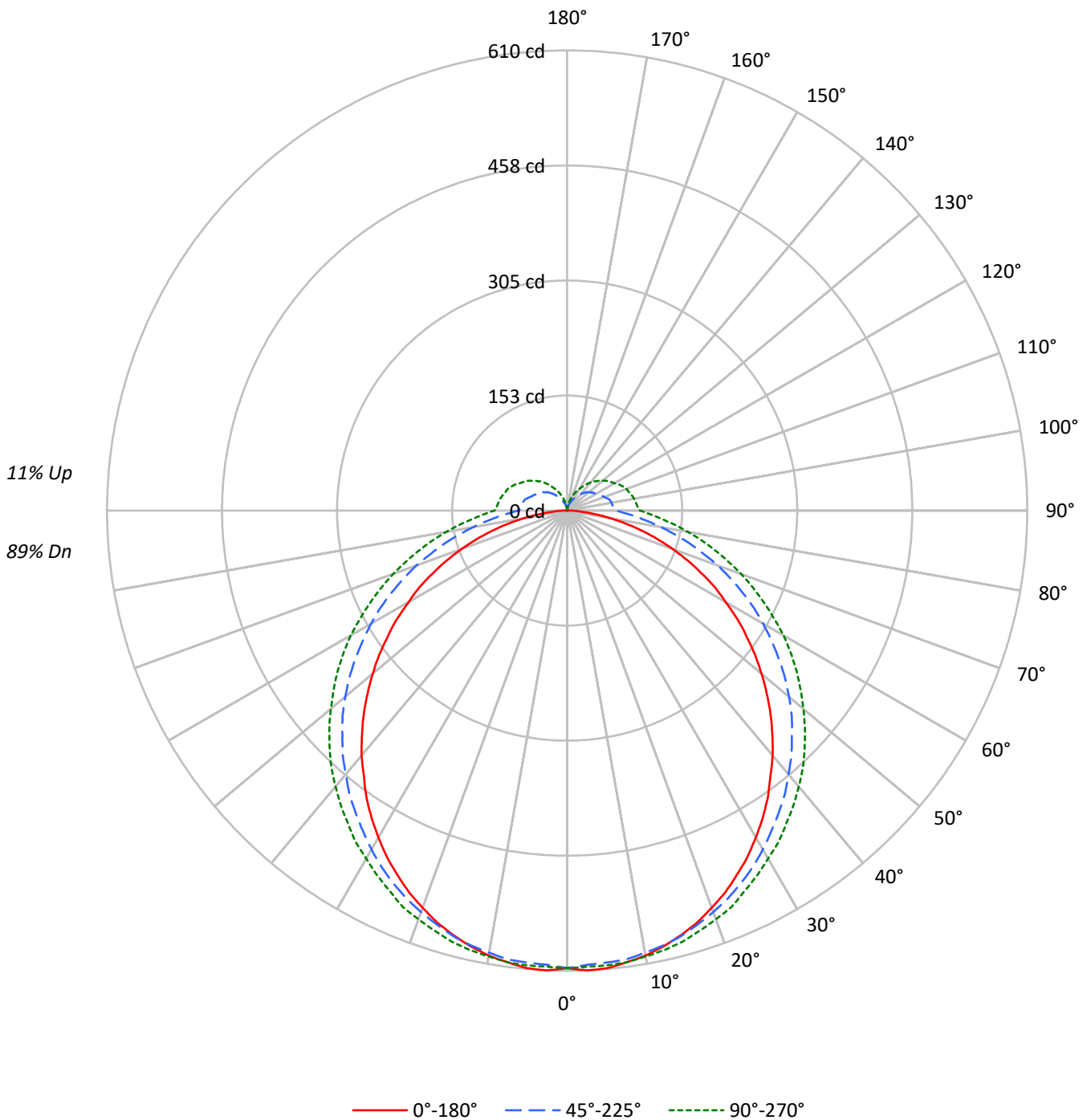
Lumens per Lamp: N/A
Luminaire Lumens: 2159.1 lumens
Efficiency: N/A
Efficacy: 131.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

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°	6528	6528	6528
5°	6568	6360	6355
10°	6523	6231	6197
15°	6457	6100	6053
20°	6369	5949	5892
25°	6266	5800	5723
30°	6143	5638	5556
35°	6008	5469	5399
40°	5854	5303	5250
45°	5688	5134	5088
50°	5497	4956	4906
55°	5287	4741	4728
60°	5041	4511	4530
65°	4787	4253	4279
70°	4430	3970	4034
75°	3956	3610	3763
80°	3189	3242	3496
85°	2246	2928	3220



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.6	2.7
10°-20°	165.6	7.7
20°-30°	251.8	11.7
30°-40°	305.6	14.2
40°-50°	322.9	15.0
50°-60°	302.2	14.0
60°-70°	247.9	11.5
70°-80°	170.5	7.9
80°-90°	93.4	4.3
90°-100°	60.1	2.8
100°-110°	54.0	2.5
110°-120°	44.7	2.1
120°-130°	34.4	1.6
130°-140°	24.2	1.1
140°-150°	14.6	0.7
150°-160°	7.0	0.3
160°-170°	2.3	0.1
170°-180°	0.3	0.0
0°-30°	474.9	22.0
0°-40°	780.5	36.2
0°-60°	1405.7	65.1
0°-90°	1917.6	88.8
90°-120°	158.8	7.4
90°-150°	232.0	10.7
90°-180°	242.0	11.2
0°-180°	2159.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	606	606	606	606	606	
5°	609	608	602	606	605	58
15°	583	585	584	592	592	164
25°	533	539	545	556	556	245
35°	464	475	489	503	506	290
45°	381	399	421	440	445	294
55°	290	314	343	364	371	260
65°	196	223	256	280	288	194
75°	102	130	168	194	203	108
85°	22	54	91	116	125	26
90°	0	30	64	88	96	2
95°	0	29	61	84	92	0
105°	0	24	58	79	86	1
115°	1	21	49	70	79	1
125°	1	18	41	60	68	1
135°	1	14	34	49	55	1
145°	1	10	24	38	41	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°	606.5	606.5	606.5	606.5	606.5
2.5°	610.2	609.0	602.7	607.7	605.2
5°	609.0	607.7	601.5	606.5	605.2
7.5°	604.0	604.0	600.2	605.2	604.0
10°	599.0	599.0	595.2	601.5	600.2
12.5°	591.5	592.7	590.2	597.7	596.5
15°	582.7	585.2	584.0	591.5	591.5
17.5°	572.7	575.2	575.2	584.0	584.0
20°	560.2	564.0	566.5	576.5	576.5
22.5°	547.7	552.7	556.5	565.2	569.0
25°	532.7	538.9	545.2	556.5	556.5
27.5°	517.7	525.2	532.7	543.9	545.2
30°	500.2	508.9	518.9	530.2	532.7
32.5°	482.7	493.9	503.9	517.7	521.4
35°	463.9	475.2	488.9	502.7	506.4
37.5°	442.7	456.4	473.9	488.9	492.7
40°	423.9	438.9	456.4	473.9	477.7
42.5°	402.6	418.9	440.2	456.4	462.7
45°	381.4	398.9	421.4	440.2	445.2
47.5°	358.9	378.9	403.9	421.4	427.7
50°	336.4	357.6	383.9	403.9	408.9
52.5°	313.9	336.4	363.9	383.9	390.1
55°	290.1	313.9	342.6	363.9	371.4
57.5°	267.6	291.4	321.4	343.9	351.4
60°	242.6	270.1	300.1	322.6	331.4
62.5°	221.3	246.3	278.9	301.4	308.9
65°	196.3	222.6	256.3	280.1	287.6
67.5°	172.6	200.1	233.8	258.8	266.3
70°	148.8	176.3	212.6	236.3	245.1
72.5°	125.0	153.8	188.8	215.1	223.8
75°	102.5	130.0	167.6	193.8	202.6
77.5°	78.8	108.8	146.3	172.6	182.6
80°	57.5	88.8	126.3	152.6	162.6
82.5°	38.8	70.0	107.5	133.8	143.8
85°	22.5	53.8	91.3	116.3	125.0
87.5°	11.3	41.3	76.3	101.3	110.0
90°	0.0	30.0	63.8	87.5	96.3
92.5°	0.0	28.8	62.5	85.0	93.8
95°	0.0	28.8	61.3	83.8	92.5
97.5°	0.0	27.5	60.0	83.8	91.3
100°	0.0	26.3	60.0	82.5	90.0
102.5°	0.0	25.0	58.8	81.3	88.8
105°	0.0	23.8	57.5	78.8	86.3
107.5°	1.3	23.8	55.0	77.5	85.0
110°	1.3	22.5	52.5	76.3	83.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.3	21.3	50.0	73.8	81.3
115°	1.3	21.3	48.8	70.0	78.8
117.5°	1.3	20.0	46.3	67.5	76.3
120°	1.3	20.0	45.0	65.0	72.5
122.5°	1.3	18.8	42.5	62.5	70.0
125°	1.3	17.5	41.3	60.0	67.5
127.5°	1.3	16.3	40.0	57.5	65.0
130°	1.3	15.0	37.5	55.0	61.3
132.5°	1.3	15.0	36.3	51.3	58.8
135°	1.3	13.8	33.8	48.8	55.0
137.5°	1.3	12.5	31.3	46.3	52.5
140°	1.3	11.3	28.8	43.8	48.8
142.5°	1.3	11.3	26.3	40.0	45.0
145°	1.3	10.0	23.8	37.5	41.3
147.5°	1.3	8.8	21.3	33.8	37.5
150°	1.3	8.8	18.8	30.0	33.8
152.5°	1.3	7.5	16.3	27.5	31.3
155°	1.3	6.3	15.0	23.8	27.5
157.5°	1.3	6.3	12.5	20.0	23.8
160°	1.3	5.0	11.3	16.3	20.0
162.5°	1.3	5.0	10.0	13.8	17.5
165°	1.3	3.8	7.5	11.3	13.8
167.5°	1.3	3.8	6.3	8.8	11.3
170°	1.3	2.5	5.0	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)