

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: P566188

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566188
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-L940-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND FDL LENS
Light Source: -
Ballast/Driver: -

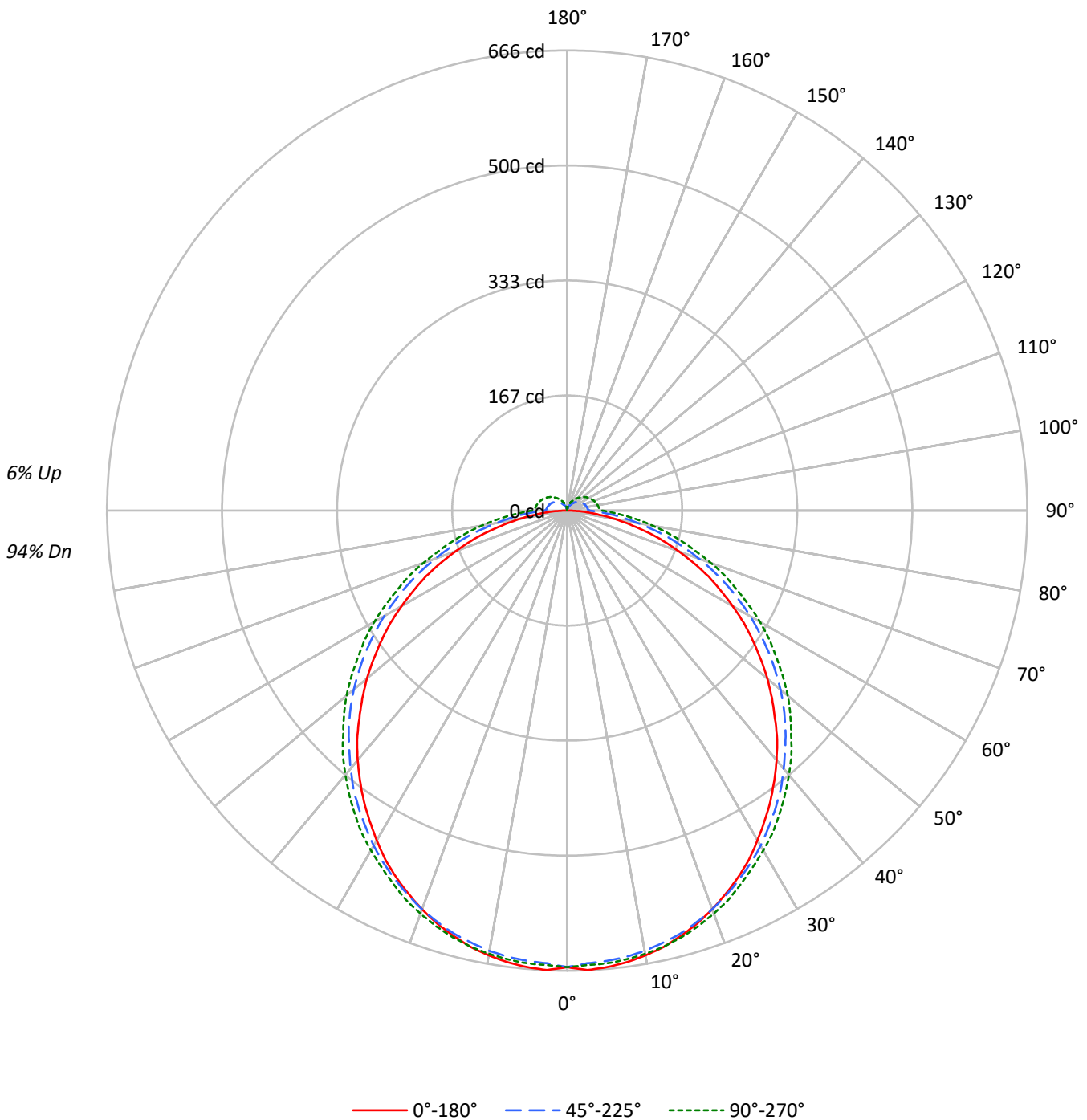
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2100.0 lumens
Efficiency: N/A
Efficacy: 128.0 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

TEST NUMBER: P566188
CATALOG NUMBER: 4SNX-26SL-FDL-UNV-L940-CD

Luminous Intensity Polar Plot





TEST NUMBER: P566188

CATALOG NUMBER: 4SNX-26SL-FDL-UNV-L940-CD

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	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°	7113	7113	7113
5°	7162	6995	7006
10°	7133	6920	6918
15°	7079	6832	6820
20°	7007	6727	6703
25°	6923	6611	6566
30°	6809	6492	6439
35°	6695	6352	6306
40°	6568	6199	6156
45°	6409	6047	5982
50°	6256	5874	5824
55°	6065	5659	5602
60°	5851	5415	5386
65°	5623	5122	5087
70°	5235	4753	4777
75°	4764	4322	4405
80°	4068	3748	3993
85°	3200	3251	3512



TEST NUMBER: P566188

CATALOG NUMBER: 4SNX-26SL-FDL-UNV-L940-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.7	3.0
10°-20°	179.8	8.6
20°-30°	272.5	13.0
30°-40°	329.0	15.7
40°-50°	343.6	16.4
50°-60°	315.6	15.0
60°-70°	249.6	11.9
70°-80°	158.0	7.5
80°-90°	67.9	3.2
90°-100°	29.9	1.4
100°-110°	26.7	1.3
110°-120°	22.6	1.1
120°-130°	17.6	0.8
130°-140°	12.2	0.6
140°-150°	7.3	0.3
150°-160°	3.6	0.2
160°-170°	1.2	0.1
170°-180°	0.2	0.0
0°-30°	515.0	24.5
0°-40°	844.0	40.2
0°-60°	1503.2	71.6
0°-90°	1978.7	94.2
90°-120°	79.2	3.8
90°-150°	116.3	5.5
90°-180°	121.0	5.8
0°-180°	2100.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	661	661	661	661	661	
5°	663	662	654	660	658	63
15°	637	637	634	640	639	180
25°	586	588	589	597	596	270
35°	513	519	526	534	536	321
45°	425	436	447	456	458	329
55°	328	341	356	367	370	293
65°	226	238	255	267	271	222
75°	119	133	152	166	172	126
85°	29	45	64	78	83	32
90°	2	16	33	46	51	2
95°	0	14	30	42	46	0
105°	0	13	28	39	43	0
115°	0	11	25	35	39	0
125°	1	10	21	30	34	1
135°	1	7	17	24	27	1
145°	1	6	12	18	20	0
155°	1	4	8	12	14	0
165°	1	3	4	6	8	0
175°	1	2	2	2	1	0
180°	1	1	1	1	1	



TEST NUMBER: P566188

CATALOG NUMBER: 4SNX-26SL-FDL-UNV-L940-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	660.8	660.8	660.8	660.8	660.8
2.5°	665.7	663.4	656.0	661.2	658.6
5°	663.4	661.6	654.5	660.1	657.9
7.5°	659.3	657.9	651.5	657.5	655.3
10°	653.8	652.6	647.1	653.0	651.5
12.5°	646.7	646.3	640.7	647.4	646.3
15°	637.0	637.0	633.7	640.4	639.3
17.5°	626.6	627.0	624.4	631.5	630.7
20°	614.0	615.8	614.0	621.4	620.7
22.5°	600.2	602.8	602.1	609.5	609.9
25°	585.7	588.3	589.1	596.9	595.8
27.5°	569.7	573.8	575.3	582.4	582.0
30°	551.1	556.7	560.1	566.0	567.9
32.5°	532.2	538.9	542.9	551.1	553.4
35°	513.2	519.1	525.8	534.0	535.9
37.5°	492.4	499.1	508.0	515.8	518.0
40°	471.5	479.0	487.5	496.1	499.4
42.5°	450.0	457.8	467.1	477.1	480.5
45°	425.4	435.8	447.0	455.6	458.5
47.5°	402.0	413.5	425.4	434.7	438.1
50°	378.2	390.5	403.1	411.7	416.9
52.5°	353.3	366.7	379.3	390.1	393.4
55°	328.0	341.4	355.5	367.0	369.6
57.5°	303.5	316.5	330.6	341.4	346.6
60°	276.7	290.8	306.1	316.8	322.4
62.5°	250.6	264.4	280.8	292.3	296.8
65°	225.7	238.4	255.1	267.0	271.1
67.5°	198.2	212.7	228.7	242.5	247.7
70°	171.1	184.8	203.0	216.1	221.3
72.5°	145.8	159.2	177.4	190.4	195.2
75°	119.0	133.1	152.5	165.5	171.8
77.5°	93.3	109.0	127.6	141.7	148.8
80°	69.5	83.3	103.4	119.0	125.3
82.5°	47.2	62.1	82.9	97.4	104.5
85°	29.0	44.6	64.0	77.7	82.6
87.5°	13.8	28.6	46.5	59.9	65.8
90°	1.9	16.0	32.7	45.7	50.6
92.5°	0.4	13.8	30.1	42.4	46.9
95°	0.4	13.8	29.8	41.7	46.1
97.5°	0.4	13.4	29.4	41.3	45.4
100°	0.4	13.0	29.0	40.5	45.0
102.5°	0.4	13.0	28.3	39.8	43.9
105°	0.4	12.6	27.9	39.0	43.1
107.5°	0.4	12.3	27.1	38.3	42.4
110°	0.4	11.5	26.8	37.2	41.3



TEST NUMBER: P566188

CATALOG NUMBER: 4SNX-26SL-FDL-UNV-L940-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.4	11.2	26.0	36.4	40.2
115°	0.4	10.8	25.3	35.3	39.0
117.5°	0.4	10.4	24.2	34.2	37.9
120°	0.7	10.4	23.4	33.1	36.4
122.5°	0.7	10.0	22.3	31.6	35.0
125°	0.7	9.7	21.2	30.5	33.8
127.5°	0.7	9.3	20.1	29.0	32.0
130°	0.7	8.6	19.3	27.5	30.5
132.5°	0.7	8.2	18.2	25.7	28.6
135°	0.7	7.4	17.1	24.2	27.1
137.5°	0.7	7.1	16.0	22.7	25.3
140°	0.7	6.7	14.5	21.2	23.8
142.5°	0.7	6.0	13.4	19.7	21.9
145°	0.7	5.6	11.9	18.2	20.1
147.5°	0.7	4.8	10.8	16.7	18.6
150°	0.7	4.5	9.7	15.2	17.1
152.5°	0.7	4.1	8.6	13.4	15.2
155°	0.7	3.7	7.8	11.5	13.8
157.5°	0.7	3.3	6.7	10.0	12.3
160°	1.1	3.0	6.0	8.6	10.4
162.5°	1.1	2.6	4.8	7.1	9.3
165°	1.1	2.6	4.1	5.6	7.8
167.5°	1.1	2.2	3.3	4.5	6.3
170°	1.1	1.9	3.0	3.3	4.8
172.5°	1.1	1.5	2.2	2.2	2.6
175°	1.1	1.5	1.9	1.9	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)