

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: P566226

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566226
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-26SL-UNV-L930-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

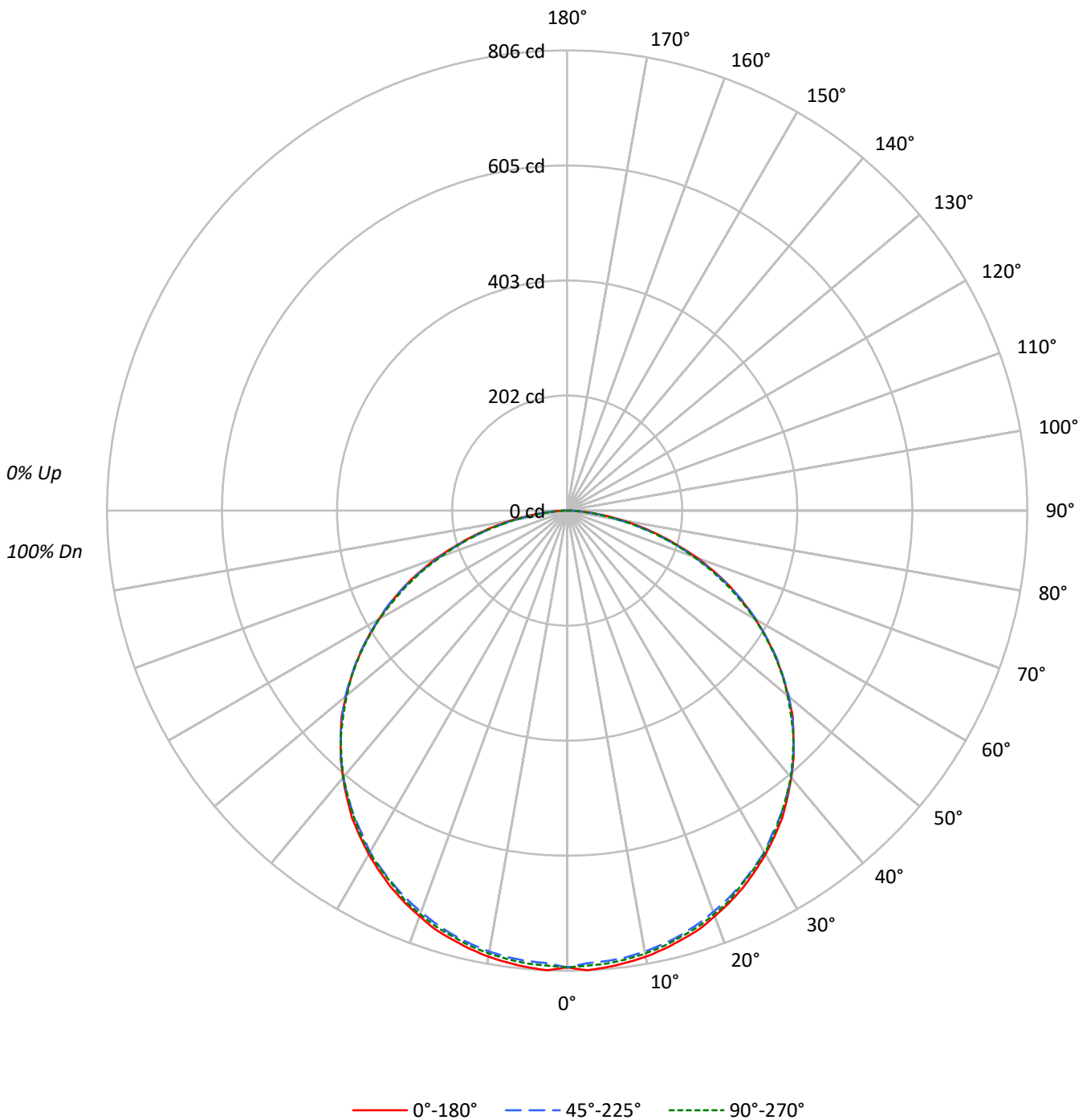
Lumens per Lamp: N/A
Luminaire Lumens: 2392.0 lumens
Efficiency: N/A
Efficacy: 145.9 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 16.4
Input Voltage (V): NR
Input Current (Ain): 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: P566226

CATALOG NUMBER: 4SNX-26SL-UNV-L930-CD

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	8611	8611	8611
5°	8675	8559	8605
10°	8673	8571	8611
15°	8666	8578	8611
20°	8661	8570	8620
25°	8656	8570	8587
30°	8638	8584	8602
35°	8631	8565	8574
40°	8583	8573	8563
45°	8531	8543	8531
50°	8470	8493	8433
55°	8357	8385	8344
60°	8193	8224	8178
65°	8025	7972	7860
70°	7629	7471	7380
75°	6970	6733	6762
80°	6019	5573	5709
85°	4533	4360	3915



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.9	3.2
10°-20°	218.7	9.1
20°-30°	334.6	14.0
30°-40°	409.1	17.1
40°-50°	432.8	18.1
50°-60°	398.7	16.7
60°-70°	307.3	12.8
70°-80°	172.2	7.2
80°-90°	42.8	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	629.2	26.3
0°-40°	1038.3	43.4
0°-60°	1869.8	78.2
0°-90°	2392.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2392.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	800	800	800	800	800	
5°	803	800	792	800	796	76
15°	778	776	770	776	773	220
25°	729	727	722	727	723	336
35°	657	655	652	654	652	410
45°	560	563	561	560	560	433
55°	445	449	447	447	445	398
65°	315	315	313	305	309	310
75°	168	166	162	156	163	178
85°	37	34	35	35	32	45
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	800.0	800.0	800.0	800.0	800.0
2.5°	805.8	802.2	793.5	801.4	797.8
5°	802.9	800.0	792.1	800.0	796.4
7.5°	798.6	796.4	789.2	796.4	792.8
10°	793.5	791.4	784.2	791.4	787.8
12.5°	786.3	784.9	777.7	784.9	781.3
15°	777.7	776.3	769.8	776.3	772.7
17.5°	769.1	766.2	759.7	766.9	764.0
20°	756.1	754.7	748.2	754.7	752.5
22.5°	743.2	741.7	736.0	741.7	740.3
25°	728.8	727.3	721.6	727.3	723.0
27.5°	712.2	713.0	706.5	710.1	707.9
30°	695.0	695.0	690.6	692.1	692.1
32.5°	676.3	676.3	669.8	674.1	673.4
35°	656.8	655.4	651.8	654.0	652.5
37.5°	633.8	633.1	630.9	632.4	630.9
40°	610.8	611.5	610.1	609.4	609.4
42.5°	587.1	588.5	586.3	585.6	584.9
45°	560.4	562.6	561.2	560.4	560.4
47.5°	536.0	536.7	534.5	533.8	531.7
50°	505.8	508.6	507.2	505.8	503.6
52.5°	475.5	479.9	477.0	475.5	475.5
55°	445.3	448.9	446.8	446.8	444.6
57.5°	413.7	417.3	414.4	414.4	411.5
60°	380.6	384.2	382.0	379.9	379.9
62.5°	347.5	350.4	349.6	346.0	343.9
65°	315.1	315.1	313.0	305.0	308.6
67.5°	278.4	277.7	274.8	266.9	271.9
70°	242.4	242.4	237.4	228.1	234.5
72.5°	203.6	205.8	199.3	192.8	199.3
75°	167.6	165.5	161.9	156.1	162.6
77.5°	133.1	129.5	125.2	122.3	125.9
80°	97.1	95.0	89.9	89.9	92.1
82.5°	66.2	64.0	60.4	61.2	58.3
85°	36.7	34.5	35.3	35.3	31.7
87.5°	15.1	15.1	15.1	13.7	12.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)