

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: P566180

Luminaire Tested: **4SNX-22SL-UNV-L940-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566180
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-22SL-UNV-L940-CD
Description: 4FT 2200 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

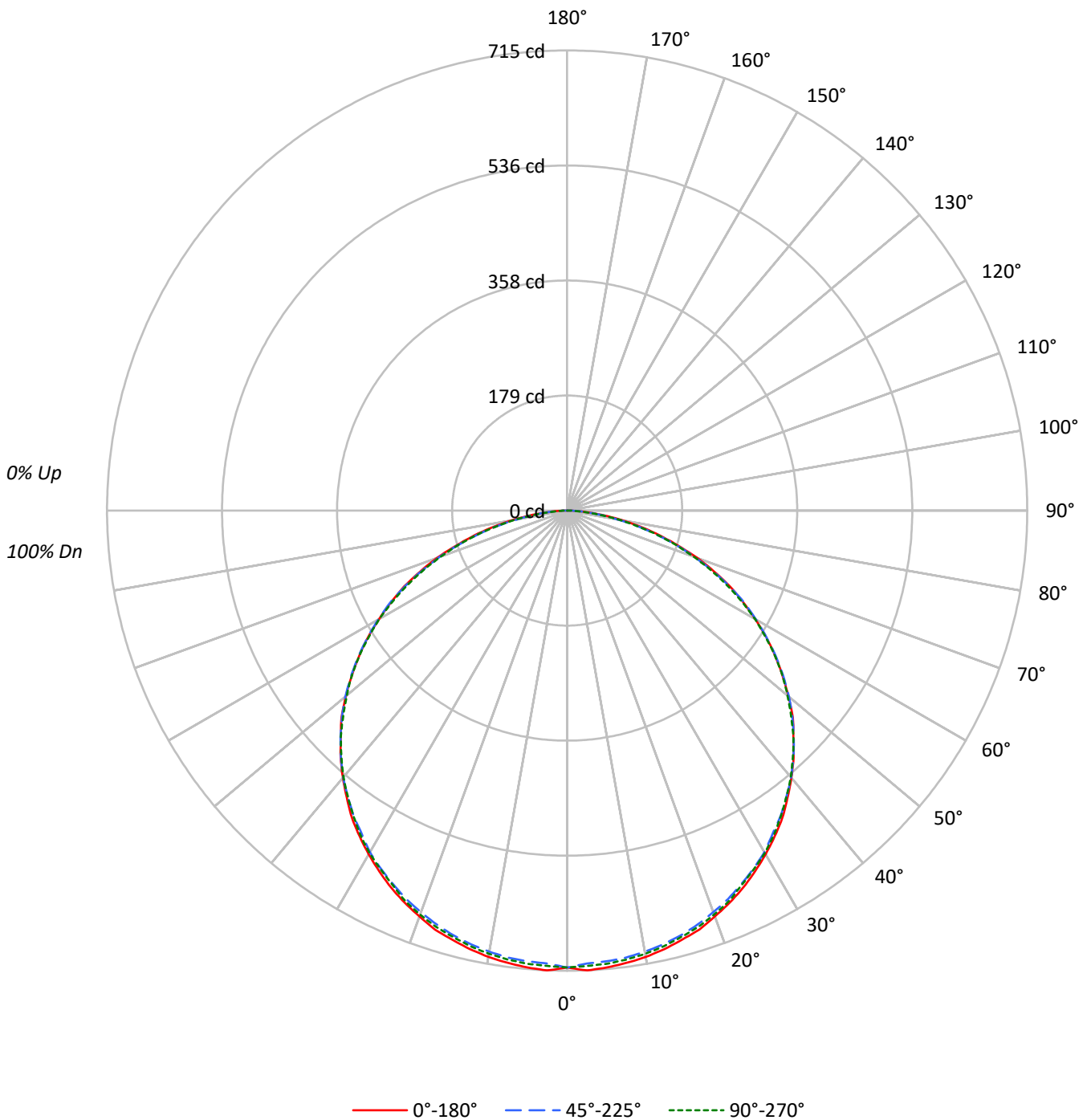
Lumens per Lamp: N/A
Luminaire Lumens: 2123.0 lumens
Efficiency: N/A
Efficacy: 153.8 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 13.8
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: P566180

CATALOG NUMBER: 4SNX-22SL-UNV-L940-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°	7642	7642	7642
5°	7700	7596	7637
10°	7698	7607	7642
15°	7691	7613	7642
20°	7687	7607	7651
25°	7682	7606	7621
30°	7666	7619	7635
35°	7661	7602	7610
40°	7617	7609	7599
45°	7572	7581	7572
50°	7517	7539	7485
55°	7416	7441	7405
60°	7272	7300	7257
65°	7124	7075	6976
70°	6773	6631	6552
75°	6188	5976	6001
80°	5343	4947	5064
85°	4026	3866	3470



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.4	3.2
10°-20°	194.1	9.1
20°-30°	297.0	14.0
30°-40°	363.1	17.1
40°-50°	384.1	18.1
50°-60°	353.9	16.7
60°-70°	272.7	12.8
70°-80°	152.8	7.2
80°-90°	38.0	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°	558.4	26.3
0°-40°	921.5	43.4
0°-60°	1659.5	78.2
0°-90°	2123.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2123.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	710	710	710	710	710	
5°	713	710	703	710	707	68
15°	690	689	683	689	686	195
25°	647	646	640	646	642	298
35°	583	582	578	580	579	364
45°	497	499	498	497	497	384
55°	395	398	396	396	395	353
65°	280	280	278	271	274	275
75°	149	147	144	139	144	158
85°	33	31	31	31	28	40
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	710.0	710.0	710.0	710.0	710.0
2.5°	715.1	712.0	704.3	711.3	708.1
5°	712.6	710.0	703.0	710.0	706.8
7.5°	708.8	706.8	700.5	706.8	703.7
10°	704.3	702.4	696.0	702.4	699.2
12.5°	697.9	696.6	690.2	696.6	693.4
15°	690.2	689.0	683.2	689.0	685.8
17.5°	682.6	680.0	674.3	680.7	678.1
20°	671.1	669.8	664.1	669.8	667.9
22.5°	659.6	658.3	653.2	658.3	657.0
25°	646.8	645.5	640.4	645.5	641.7
27.5°	632.1	632.8	627.0	630.2	628.3
30°	616.8	616.8	613.0	614.3	614.3
32.5°	600.2	600.2	594.5	598.3	597.7
35°	583.0	581.7	578.5	580.4	579.1
37.5°	562.5	561.9	560.0	561.3	560.0
40°	542.1	542.7	541.5	540.8	540.8
42.5°	521.0	522.3	520.4	519.8	519.1
45°	497.4	499.3	498.0	497.4	497.4
47.5°	475.7	476.3	474.4	473.8	471.9
50°	448.9	451.4	450.2	448.9	447.0
52.5°	422.1	425.9	423.3	422.1	422.1
55°	395.2	398.4	396.5	396.5	394.6
57.5°	367.1	370.3	367.8	367.8	365.2
60°	337.8	341.0	339.1	337.1	337.1
62.5°	308.4	311.0	310.3	307.1	305.2
65°	279.7	279.7	277.8	270.7	273.9
67.5°	247.1	246.5	243.9	236.9	241.4
70°	215.2	215.2	210.7	202.4	208.2
72.5°	180.7	182.6	176.9	171.1	176.9
75°	148.8	146.9	143.7	138.6	144.3
77.5°	118.1	114.9	111.1	108.5	111.7
80°	86.2	84.3	79.8	79.8	81.7
82.5°	58.7	56.8	53.6	54.3	51.7
85°	32.6	30.6	31.3	31.3	28.1
87.5°	13.4	13.4	13.4	12.1	10.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)