

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: P566179

Luminaire Tested: **4SNX-22SL-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566179
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-L935-CD
Description: 4FT 2200 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

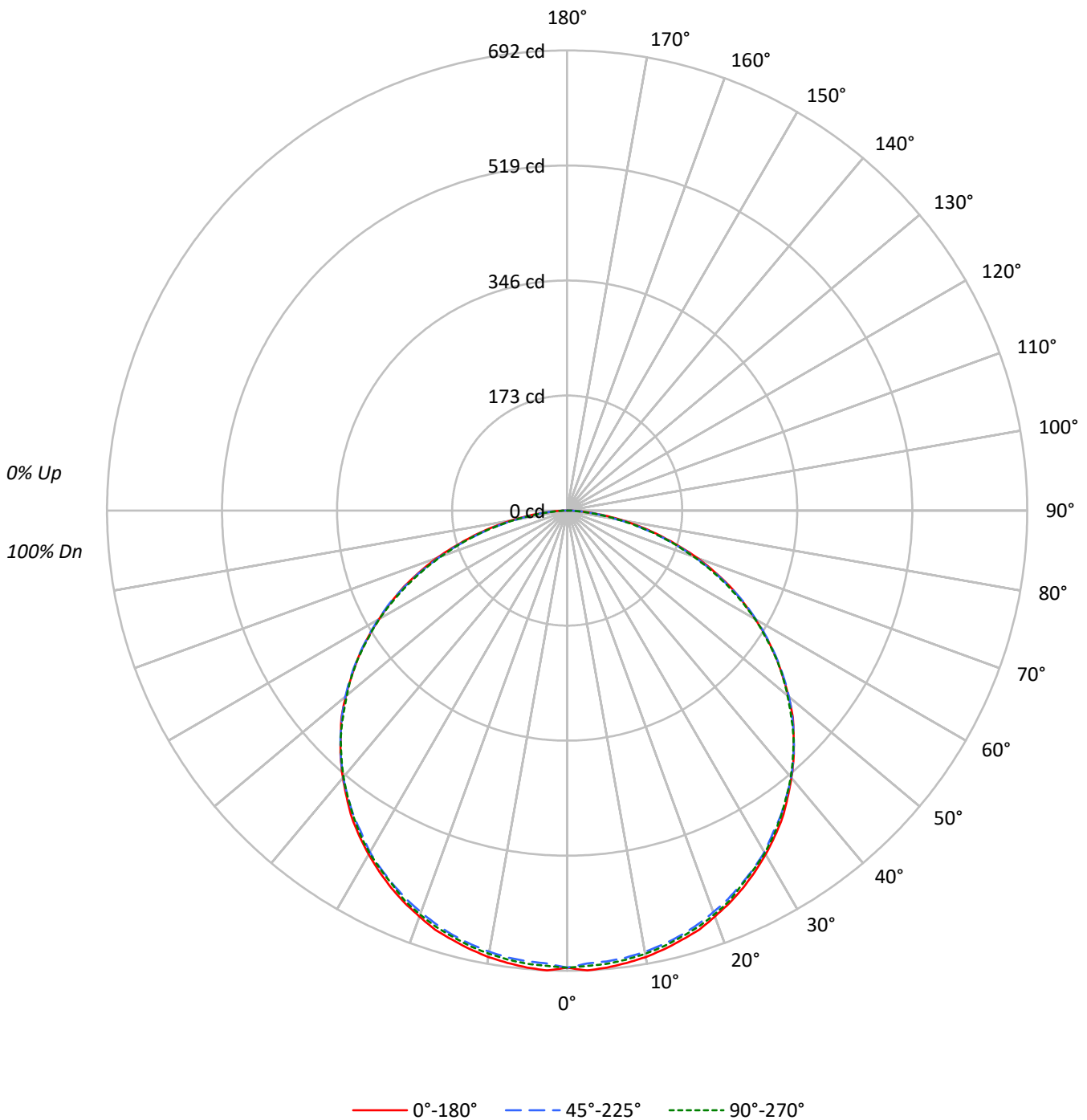
Lumens per Lamp: N/A
Luminaire Lumens: 2055.0 lumens
Efficiency: N/A
Efficacy: 148.9 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 13.8
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: P566179

CATALOG NUMBER: 4SNX-22SL-UNV-L935-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°	7398	7398	7398
5°	7453	7353	7393
10°	7451	7364	7397
15°	7445	7369	7397
20°	7441	7363	7405
25°	7436	7362	7378
30°	7421	7374	7390
35°	7415	7359	7366
40°	7373	7364	7356
45°	7330	7339	7330
50°	7276	7296	7244
55°	7180	7203	7169
60°	7040	7065	7025
65°	6895	6849	6755
70°	6556	6420	6342
75°	5989	5785	5810
80°	5170	4792	4903
85°	3890	3742	3359



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.2	3.2
10°-20°	187.9	9.1
20°-30°	287.5	14.0
30°-40°	351.5	17.1
40°-50°	371.8	18.1
50°-60°	342.6	16.7
60°-70°	264.0	12.8
70°-80°	147.9	7.2
80°-90°	36.8	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°	540.5	26.3
0°-40°	892.0	43.4
0°-60°	1606.4	78.2
0°-90°	2055.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2055.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	687	687	687	687	687	
5°	690	687	680	687	684	66
15°	668	667	661	667	664	189
25°	626	625	620	625	621	289
35°	564	563	560	562	561	353
45°	482	483	482	482	482	372
55°	383	386	384	384	382	342
65°	271	271	269	262	265	266
75°	144	142	139	134	140	153
85°	32	30	30	30	27	39
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	687.3	687.3	687.3	687.3	687.3
2.5°	692.2	689.1	681.7	688.5	685.4
5°	689.8	687.3	680.5	687.3	684.2
7.5°	686.1	684.2	678.0	684.2	681.1
10°	681.7	679.9	673.7	679.9	676.8
12.5°	675.5	674.3	668.1	674.3	671.2
15°	668.1	666.9	661.3	666.9	663.8
17.5°	660.7	658.2	652.7	658.9	656.4
20°	649.6	648.4	642.8	648.4	646.5
22.5°	638.5	637.2	632.3	637.2	636.0
25°	626.1	624.9	619.9	624.9	621.2
27.5°	611.9	612.5	606.9	610.0	608.2
30°	597.1	597.1	593.3	594.6	594.6
32.5°	581.0	581.0	575.4	579.1	578.5
35°	564.3	563.1	560.0	561.8	560.6
37.5°	544.5	543.9	542.0	543.3	542.0
40°	524.7	525.4	524.1	523.5	523.5
42.5°	504.3	505.6	503.7	503.1	502.5
45°	481.5	483.3	482.1	481.5	481.5
47.5°	460.5	461.1	459.2	458.6	456.8
50°	434.5	437.0	435.7	434.5	432.6
52.5°	408.5	412.3	409.8	408.5	408.5
55°	382.6	385.7	383.8	383.8	382.0
57.5°	355.4	358.5	356.0	356.0	353.5
60°	327.0	330.0	328.2	326.3	326.3
62.5°	298.5	301.0	300.4	297.3	295.4
65°	270.7	270.7	268.9	262.1	265.2
67.5°	239.2	238.6	236.1	229.3	233.6
70°	208.3	208.3	204.0	195.9	201.5
72.5°	174.9	176.8	171.2	165.6	171.2
75°	144.0	142.2	139.1	134.1	139.7
77.5°	114.3	111.3	107.5	105.1	108.2
80°	83.4	81.6	77.3	77.3	79.1
82.5°	56.9	55.0	51.9	52.5	50.1
85°	31.5	29.7	30.3	30.3	27.2
87.5°	13.0	13.0	13.0	11.7	10.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)