

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: P566174

Luminaire Tested: **4SNX-22SL-UNV-L830-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566174
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-L830-CD
Description: 4FT 2200 LUMEN, SNX FIXTURE WITH 3000K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

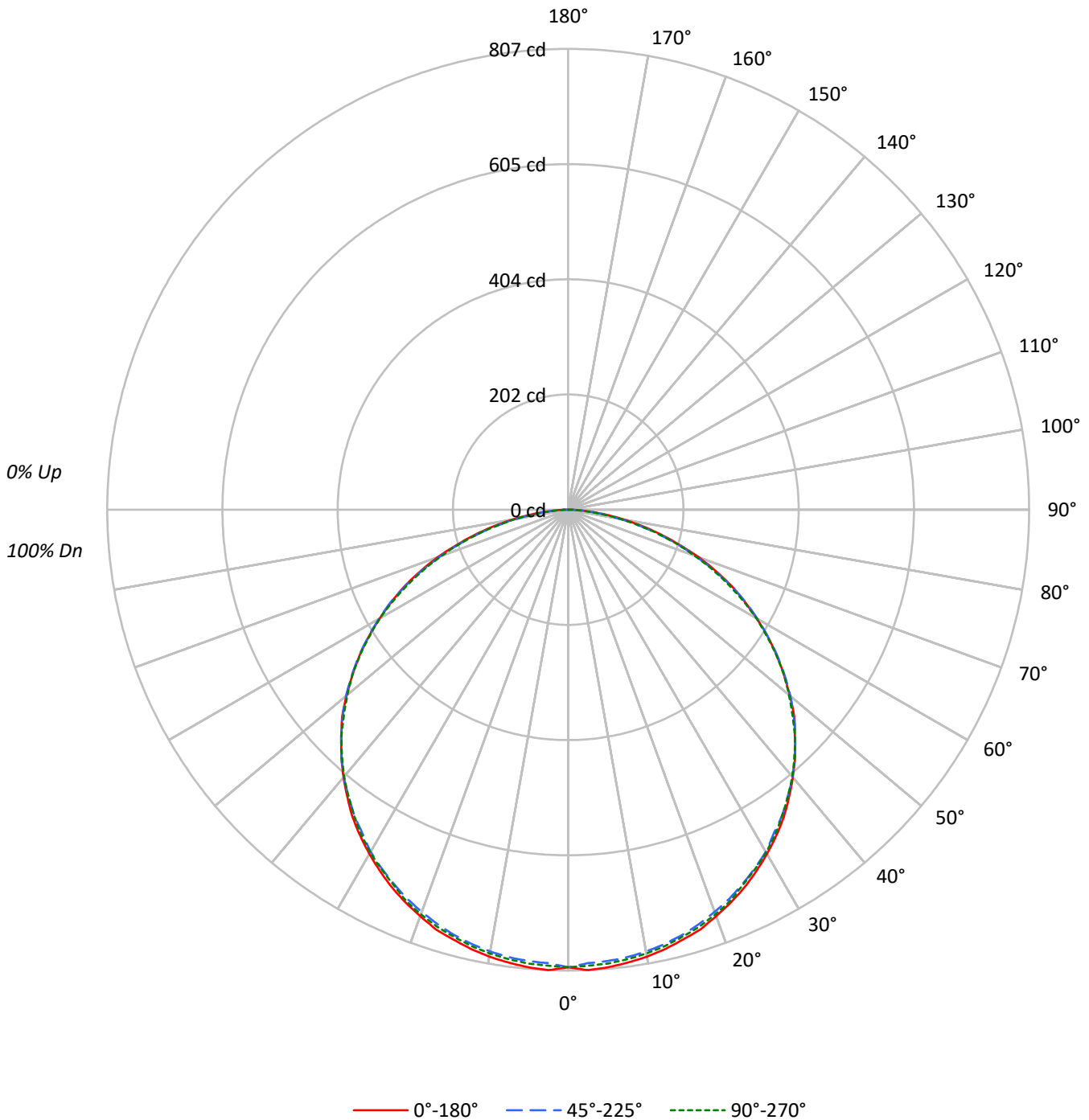
Lumens per Lamp: N/A
Luminaire Lumens: 2396.0 lumens
Efficiency: N/A
Efficacy: 173.6 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

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

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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	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°	8625	8625	8625
5°	8689	8573	8619
10°	8688	8585	8625
15°	8681	8593	8625
20°	8676	8585	8635
25°	8670	8584	8601
30°	8652	8598	8616
35°	8645	8579	8589
40°	8597	8587	8577
45°	8546	8557	8546
50°	8483	8507	8447
55°	8372	8398	8357
60°	8206	8239	8191
65°	8038	7985	7875
70°	7644	7484	7393
75°	6983	6742	6775
80°	6031	5585	5715
85°	4545	4360	3915



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.0	3.2
10°-20°	219.1	9.1
20°-30°	335.2	14.0
30°-40°	409.8	17.1
40°-50°	433.5	18.1
50°-60°	399.4	16.7
60°-70°	307.8	12.8
70°-80°	172.4	7.2
80°-90°	42.9	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°	630.2	26.3
0°-40°	1040.0	43.4
0°-60°	1872.9	78.2
0°-90°	2396.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2396.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	801	801	801	801	801	
5°	804	801	793	801	798	76
15°	779	778	771	778	774	220
25°	730	729	723	729	724	336
35°	658	656	653	655	654	411
45°	561	564	562	561	561	434
55°	446	450	448	448	445	398
65°	316	316	314	306	309	310
75°	168	166	162	156	163	178
85°	37	35	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°	801.3	801.3	801.3	801.3	801.3
2.5°	807.1	803.5	794.9	802.8	799.2
5°	804.2	801.3	793.4	801.3	797.7
7.5°	799.9	797.7	790.5	797.7	794.1
10°	794.9	792.7	785.5	792.7	789.1
12.5°	787.6	786.2	779.0	786.2	782.6
15°	779.0	777.6	771.1	777.6	774.0
17.5°	770.4	767.5	761.0	768.2	765.3
20°	757.4	755.9	749.5	755.9	753.8
22.5°	744.4	743.0	737.2	743.0	741.5
25°	730.0	728.6	722.8	728.6	724.2
27.5°	713.4	714.1	707.7	711.3	709.1
30°	696.1	696.1	691.8	693.2	693.2
32.5°	677.4	677.4	670.9	675.2	674.5
35°	657.9	656.5	652.9	655.1	653.6
37.5°	634.9	634.2	632.0	633.4	632.0
40°	611.8	612.5	611.1	610.4	610.4
42.5°	588.0	589.5	587.3	586.6	585.9
45°	561.4	563.5	562.1	561.4	561.4
47.5°	536.9	537.6	535.4	534.7	532.5
50°	506.6	509.5	508.0	506.6	504.4
52.5°	476.3	480.7	477.8	476.3	476.3
55°	446.1	449.7	447.5	447.5	445.3
57.5°	414.4	418.0	415.1	415.1	412.2
60°	381.2	384.8	382.7	380.5	380.5
62.5°	348.1	350.9	350.2	346.6	344.5
65°	315.6	315.6	313.5	305.5	309.2
67.5°	278.9	278.2	275.3	267.4	272.4
70°	242.9	242.9	237.8	228.4	234.9
72.5°	203.9	206.1	199.6	193.1	199.6
75°	167.9	165.7	162.1	156.4	162.9
77.5°	133.3	129.7	125.4	122.5	126.1
80°	97.3	95.1	90.1	90.1	92.2
82.5°	66.3	64.1	60.5	61.3	58.4
85°	36.8	34.6	35.3	35.3	31.7
87.5°	15.1	15.1	15.1	13.7	12.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)