

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: P566175

Luminaire Tested: **4SNX-22SL-UNV-L835-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566175
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-L835-CD
Description: 4FT 2200 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

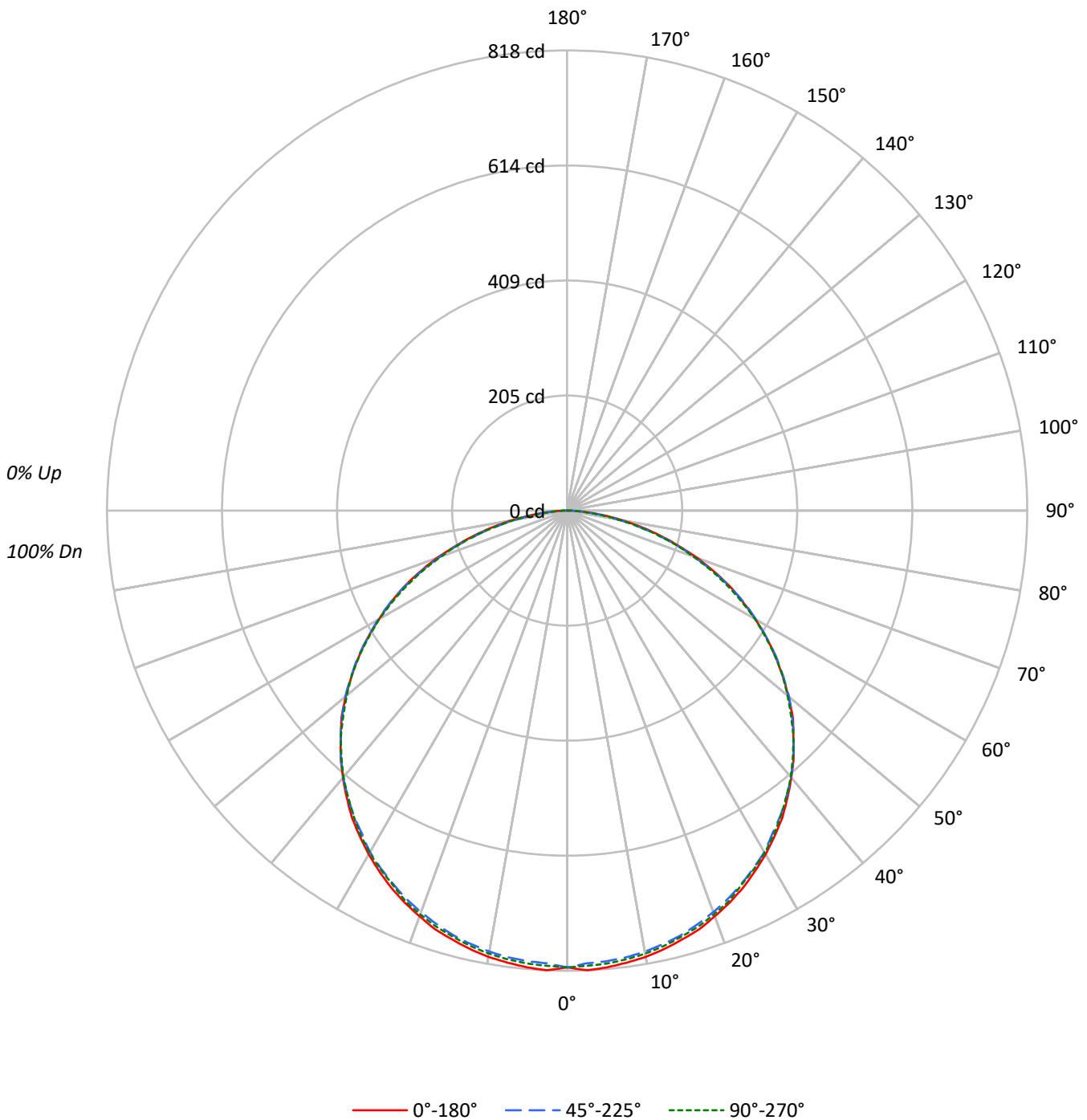
Lumens per Lamp: N/A
Luminaire Lumens: 2428.0 lumens
Efficiency: N/A
Efficacy: 175.9 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 13.8
Input Voltage (V): NR
Input Current (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°	8740	8740	8740
5°	8806	8687	8735
10°	8804	8700	8740
15°	8797	8708	8740
20°	8791	8700	8749
25°	8785	8698	8716
30°	8767	8713	8731
35°	8761	8694	8703
40°	8712	8702	8691
45°	8660	8671	8660
50°	8597	8621	8560
55°	8482	8511	8469
60°	8316	8348	8301
65°	8148	8092	7980
70°	7745	7585	7493
75°	7074	6833	6862
80°	6112	5659	5796
85°	4594	4421	3964



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.0	3.2
10°-20°	222.0	9.1
20°-30°	339.6	14.0
30°-40°	415.3	17.1
40°-50°	439.3	18.1
50°-60°	404.7	16.7
60°-70°	311.9	12.8
70°-80°	174.8	7.2
80°-90°	43.4	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°	638.6	26.3
0°-40°	1053.9	43.4
0°-60°	1897.9	78.2
0°-90°	2428.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2428.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	812	812	812	812	812	
5°	815	812	804	812	808	77
15°	789	788	781	788	784	223
25°	740	738	732	738	734	341
35°	667	665	662	664	662	417
45°	569	571	570	569	569	439
55°	452	456	454	454	451	404
65°	320	320	318	310	313	315
75°	170	168	164	158	165	180
85°	37	35	36	36	32	46
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	812.0	812.0	812.0	812.0	812.0
2.5°	817.9	814.2	805.5	813.5	809.9
5°	815.0	812.0	804.0	812.0	808.4
7.5°	810.6	808.4	801.1	808.4	804.7
10°	805.5	803.3	796.0	803.3	799.6
12.5°	798.2	796.7	789.4	796.7	793.1
15°	789.4	787.9	781.4	787.9	784.3
17.5°	780.6	777.7	771.1	778.5	775.5
20°	767.5	766.0	759.5	766.0	763.8
22.5°	754.4	752.9	747.1	752.9	751.4
25°	739.7	738.3	732.4	738.3	733.9
27.5°	723.0	723.7	717.1	720.8	718.6
30°	705.4	705.4	701.0	702.5	702.5
32.5°	686.4	686.4	679.9	684.2	683.5
35°	666.7	665.3	661.6	663.8	662.3
37.5°	643.4	642.6	640.4	641.9	640.4
40°	620.0	620.7	619.3	618.5	618.5
42.5°	595.9	597.3	595.2	594.4	593.7
45°	568.9	571.1	569.6	568.9	568.9
47.5°	544.0	544.8	542.6	541.8	539.7
50°	513.4	516.3	514.8	513.4	511.2
52.5°	482.7	487.1	484.2	482.7	482.7
55°	452.0	455.7	453.5	453.5	451.3
57.5°	419.9	423.5	420.6	420.6	417.7
60°	386.3	390.0	387.8	385.6	385.6
62.5°	352.7	355.6	354.9	351.3	349.1
65°	319.9	319.9	317.7	309.6	313.3
67.5°	282.6	281.9	279.0	270.9	276.0
70°	246.1	246.1	241.0	231.5	238.1
72.5°	206.7	208.9	202.3	195.7	202.3
75°	170.1	168.0	164.3	158.5	165.0
77.5°	135.1	131.4	127.1	124.1	127.8
80°	98.6	96.4	91.3	91.3	93.5
82.5°	67.2	65.0	61.3	62.1	59.2
85°	37.2	35.1	35.8	35.8	32.1
87.5°	15.3	15.3	15.3	13.9	12.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)