

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: P566178

Luminaire Tested: **4SNX-22SL-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566178
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-L930-CD
Description: 4FT 2200 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

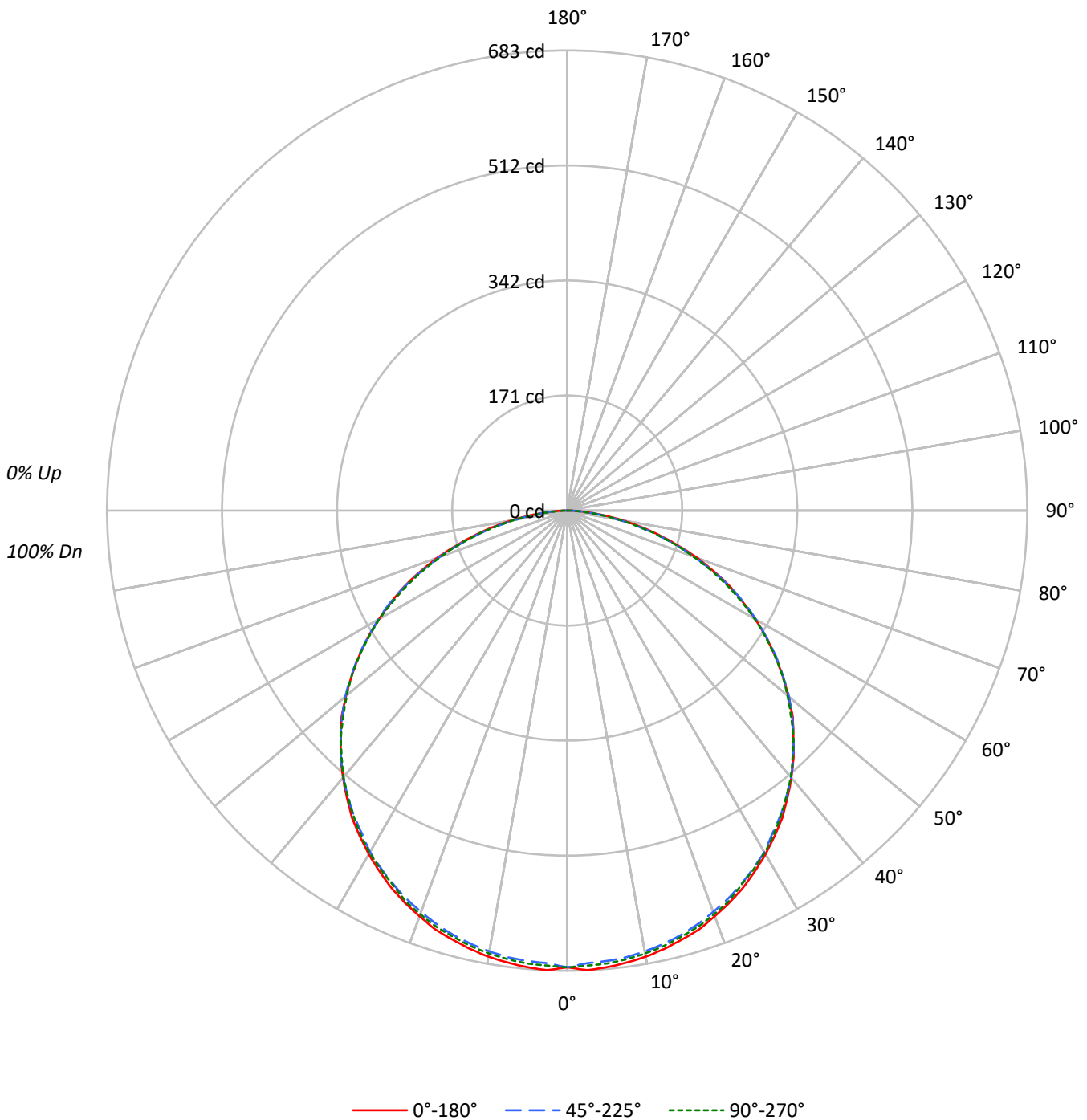
Lumens per Lamp: N/A
Luminaire Lumens: 2027.0 lumens
Efficiency: N/A
Efficacy: 146.9 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	7297	7297	7297
5°	7352	7252	7292
10°	7349	7263	7297
15°	7344	7269	7297
20°	7339	7262	7305
25°	7335	7263	7277
30°	7319	7275	7290
35°	7314	7257	7267
40°	7273	7265	7256
45°	7229	7238	7229
50°	7177	7197	7147
55°	7082	7105	7071
60°	6943	6969	6930
65°	6800	6755	6660
70°	6467	6332	6253
75°	5906	5706	5731
80°	5102	4723	4835
85°	3841	3693	3310



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.3	3.2
10°-20°	185.3	9.1
20°-30°	283.5	14.0
30°-40°	346.7	17.1
40°-50°	366.7	18.1
50°-60°	337.9	16.7
60°-70°	260.4	12.8
70°-80°	145.9	7.2
80°-90°	36.3	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°	533.2	26.3
0°-40°	879.9	43.4
0°-60°	1584.5	78.2
0°-90°	2027.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2027.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	678	678	678	678	678	
5°	680	678	671	678	675	65
15°	659	658	652	658	655	186
25°	618	616	612	616	613	285
35°	557	555	552	554	553	348
45°	475	477	476	475	475	367
55°	377	380	379	379	377	337
65°	267	267	265	258	262	263
75°	142	140	137	132	138	151
85°	31	29	30	30	27	38
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	677.9	677.9	677.9	677.9	677.9
2.5°	682.8	679.8	672.4	679.1	676.1
5°	680.4	677.9	671.2	677.9	674.9
7.5°	676.7	674.9	668.8	674.9	671.8
10°	672.4	670.6	664.5	670.6	667.6
12.5°	666.3	665.1	659.0	665.1	662.1
15°	659.0	657.8	652.3	657.8	654.8
17.5°	651.7	649.3	643.8	649.9	647.4
20°	640.7	639.5	634.0	639.5	637.7
22.5°	629.8	628.5	623.7	628.5	627.3
25°	617.6	616.4	611.5	616.4	612.7
27.5°	603.6	604.2	598.7	601.7	599.9
30°	588.9	588.9	585.3	586.5	586.5
32.5°	573.1	573.1	567.6	571.2	570.6
35°	556.6	555.4	552.3	554.2	553.0
37.5°	537.1	536.5	534.7	535.9	534.7
40°	517.6	518.2	517.0	516.4	516.4
42.5°	497.5	498.7	496.9	496.3	495.6
45°	474.9	476.7	475.5	474.9	474.9
47.5°	454.2	454.8	453.0	452.4	450.5
50°	428.6	431.0	429.8	428.6	426.8
52.5°	403.0	406.6	404.2	403.0	403.0
55°	377.4	380.4	378.6	378.6	376.8
57.5°	350.5	353.6	351.2	351.2	348.7
60°	322.5	325.6	323.7	321.9	321.9
62.5°	294.5	296.9	296.3	293.2	291.4
65°	267.0	267.0	265.2	258.5	261.5
67.5°	235.9	235.3	232.9	226.2	230.4
70°	205.5	205.5	201.2	193.3	198.7
72.5°	172.5	174.4	168.9	163.4	168.9
75°	142.0	140.2	137.2	132.3	137.8
77.5°	112.8	109.7	106.1	103.6	106.7
80°	82.3	80.5	76.2	76.2	78.0
82.5°	56.1	54.3	51.2	51.8	49.4
85°	31.1	29.3	29.9	29.9	26.8
87.5°	12.8	12.8	12.8	11.6	10.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)