

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: P567143

Luminaire Tested: **4SNX-SL3-UNV-CC83-CD-5000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567143
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-SL3-UNV-CC83-CD-5000K-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 80CRI, LOW LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

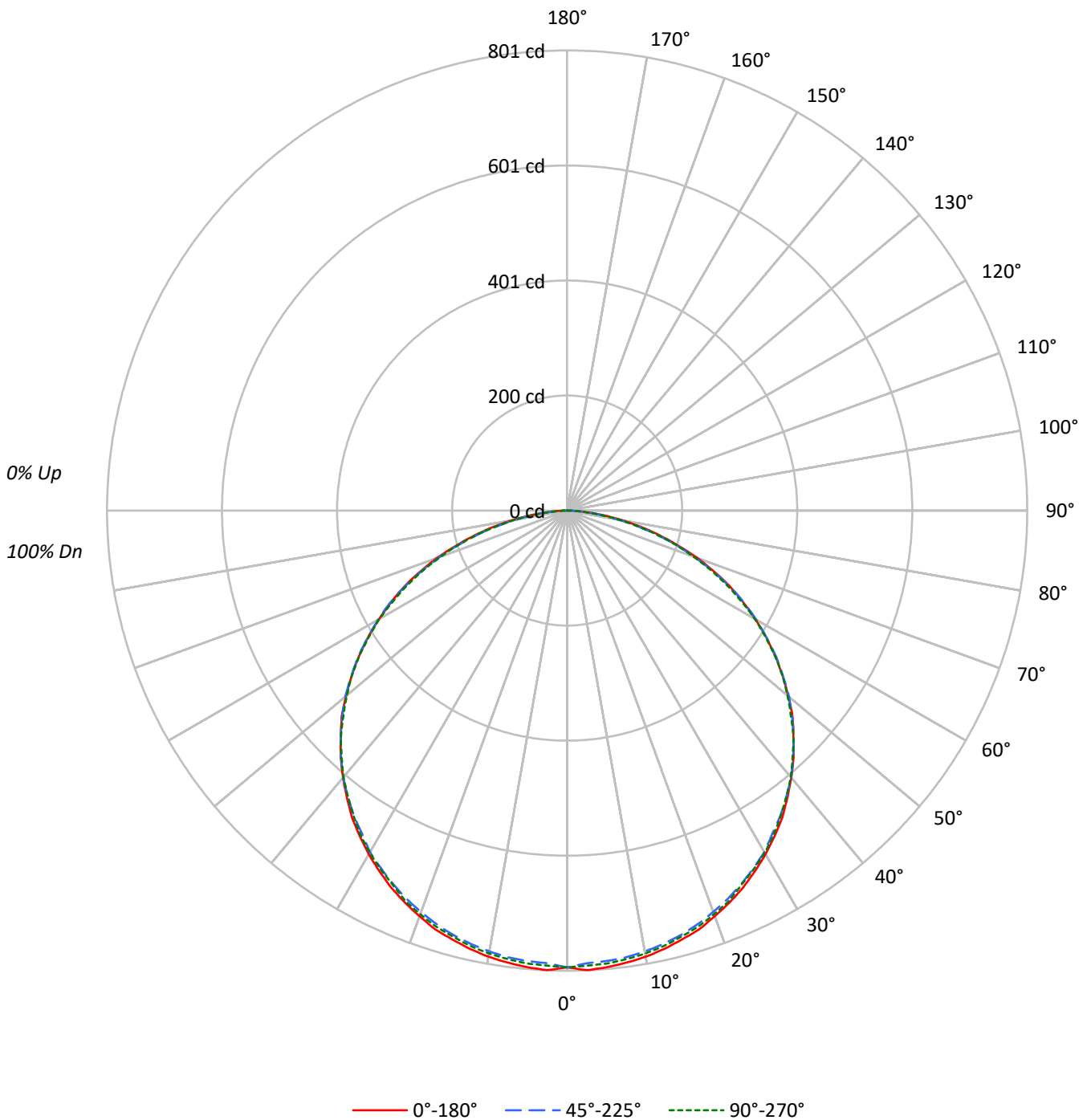
Lumens per Lamp: N/A
Luminaire Lumens: 2377.0 lumens
Efficiency: N/A
Efficacy: 141.0 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 16.863
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°	8557	8557	8557
5°	8620	8505	8551
10°	8619	8518	8556
15°	8612	8525	8556
20°	8607	8517	8566
25°	8601	8517	8533
30°	8584	8530	8547
35°	8577	8511	8520
40°	8529	8518	8508
45°	8477	8488	8477
50°	8416	8440	8380
55°	8304	8332	8291
60°	8142	8172	8127
65°	7975	7921	7812
70°	7582	7424	7336
75°	6929	6692	6721
80°	5982	5542	5672
85°	4508	4323	3890



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.4	3.2
10°-20°	217.3	9.1
20°-30°	332.5	14.0
30°-40°	406.5	17.1
40°-50°	430.0	18.1
50°-60°	396.2	16.7
60°-70°	305.3	12.8
70°-80°	171.1	7.2
80°-90°	42.5	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°	625.2	26.3
0°-40°	1031.8	43.4
0°-60°	1858.1	78.2
0°-90°	2377.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2377.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	795	795	795	795	795	
5°	798	795	787	795	791	76
15°	773	771	765	771	768	218
25°	724	723	717	723	718	334
35°	653	651	648	650	648	408
45°	557	559	558	557	557	430
55°	442	446	444	444	442	395
65°	313	313	311	303	307	308
75°	167	164	161	155	162	177
85°	36	34	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°	795.0	795.0	795.0	795.0	795.0
2.5°	800.7	797.1	788.6	796.4	792.8
5°	797.8	795.0	787.1	795.0	791.4
7.5°	793.6	791.4	784.3	791.4	787.8
10°	788.6	786.4	779.3	786.4	782.8
12.5°	781.4	780.0	772.8	780.0	776.4
15°	772.8	771.4	765.0	771.4	767.8
17.5°	764.2	761.4	755.0	762.1	759.2
20°	751.4	749.9	743.5	749.9	747.8
22.5°	738.5	737.1	731.4	737.1	735.6
25°	724.2	722.8	717.1	722.8	718.5
27.5°	707.8	708.5	702.0	705.6	703.5
30°	690.6	690.6	686.3	687.7	687.7
32.5°	672.0	672.0	665.6	669.9	669.2
35°	652.7	651.3	647.7	649.9	648.4
37.5°	629.8	629.1	627.0	628.4	627.0
40°	607.0	607.7	606.2	605.5	605.5
42.5°	583.4	584.8	582.7	581.9	581.2
45°	556.9	559.1	557.6	556.9	556.9
47.5°	532.6	533.3	531.2	530.5	528.3
50°	502.6	505.4	504.0	502.6	500.4
52.5°	472.6	476.8	474.0	472.6	472.6
55°	442.5	446.1	444.0	444.0	441.8
57.5°	411.1	414.7	411.8	411.8	408.9
60°	378.2	381.8	379.6	377.5	377.5
62.5°	345.3	348.2	347.4	343.9	341.7
65°	313.1	313.1	311.0	303.1	306.7
67.5°	276.7	276.0	273.1	265.2	270.2
70°	240.9	240.9	235.9	226.6	233.1
72.5°	202.3	204.5	198.0	191.6	198.0
75°	166.6	164.4	160.9	155.1	161.6
77.5°	132.3	128.7	124.4	121.5	125.1
80°	96.5	94.4	89.4	89.4	91.5
82.5°	65.8	63.6	60.1	60.8	57.9
85°	36.5	34.3	35.0	35.0	31.5
87.5°	15.0	15.0	15.0	13.6	12.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)