

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: P567140

Luminaire Tested: **4SNX-SL3-UNV-CC83-CD-4000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567140
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-4000K-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 80CRI, LOW LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

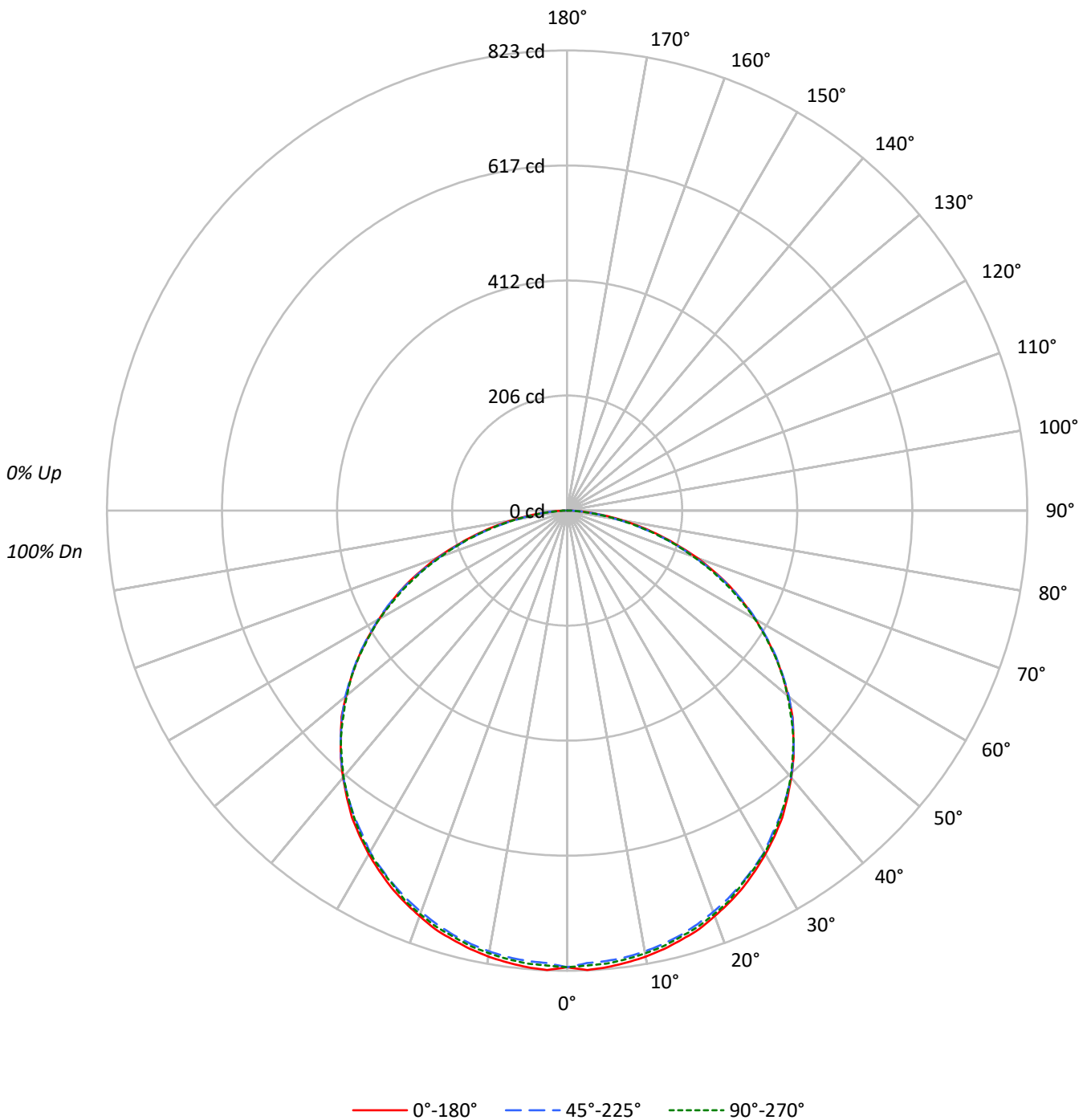
Lumens per Lamp: N/A
Luminaire Lumens: 2442.0 lumens
Efficiency: N/A
Efficacy: 151.3 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 16.137
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°	8791	8791	8791
5°	8857	8737	8786
10°	8854	8751	8790
15°	8848	8758	8790
20°	8842	8749	8801
25°	8836	8750	8766
30°	8818	8764	8782
35°	8812	8744	8754
40°	8762	8751	8741
45°	8709	8721	8709
50°	8646	8671	8609
55°	8531	8559	8518
60°	8364	8396	8348
65°	8194	8138	8025
70°	7789	7629	7534
75°	7116	6875	6904
80°	6149	5690	5827
85°	4631	4446	3989



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.5	3.2
10°-20°	223.3	9.1
20°-30°	341.6	14.0
30°-40°	417.7	17.1
40°-50°	441.8	18.1
50°-60°	407.1	16.7
60°-70°	313.7	12.8
70°-80°	175.8	7.2
80°-90°	43.7	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°	642.3	26.3
0°-40°	1060.0	43.4
0°-60°	1908.9	78.2
0°-90°	2442.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2442.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	817	817	817	817	817	
5°	820	817	809	817	813	78
15°	794	792	786	792	789	224
25°	744	742	737	742	738	343
35°	671	669	665	668	666	419
45°	572	574	573	572	572	442
55°	455	458	456	456	454	406
65°	322	322	320	311	315	316
75°	171	169	165	159	166	181
85°	38	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°	816.7	816.7	816.7	816.7	816.7
2.5°	822.6	818.9	810.1	818.2	814.5
5°	819.7	816.7	808.6	816.7	813.1
7.5°	815.3	813.1	805.7	813.1	809.4
10°	810.1	807.9	800.6	807.9	804.2
12.5°	802.8	801.3	794.0	801.3	797.6
15°	794.0	792.5	785.9	792.5	788.8
17.5°	785.1	782.2	775.6	782.9	780.0
20°	771.9	770.5	763.8	770.5	768.3
22.5°	758.7	757.2	751.4	757.2	755.8
25°	744.0	742.5	736.7	742.5	738.1
27.5°	727.1	727.9	721.2	724.9	722.7
30°	709.5	709.5	705.1	706.6	706.6
32.5°	690.4	690.4	683.8	688.2	687.5
35°	670.6	669.1	665.4	667.6	666.2
37.5°	647.1	646.3	644.1	645.6	644.1
40°	623.6	624.3	622.8	622.1	622.1
42.5°	599.3	600.8	598.6	597.9	597.1
45°	572.1	574.4	572.9	572.1	572.1
47.5°	547.2	547.9	545.7	545.0	542.8
50°	516.3	519.3	517.8	516.3	514.1
52.5°	485.5	489.9	487.0	485.5	485.5
55°	454.6	458.3	456.1	456.1	453.9
57.5°	422.3	426.0	423.1	423.1	420.1
60°	388.5	392.2	390.0	387.8	387.8
62.5°	354.7	357.7	356.9	353.3	351.1
65°	321.7	321.7	319.5	311.4	315.1
67.5°	284.2	283.5	280.6	272.5	277.6
70°	247.5	247.5	242.4	232.8	239.4
72.5°	207.9	210.1	203.4	196.8	203.4
75°	171.1	168.9	165.3	159.4	166.0
77.5°	135.9	132.2	127.8	124.9	128.5
80°	99.2	96.9	91.8	91.8	94.0
82.5°	67.6	65.4	61.7	62.4	59.5
85°	37.5	35.3	36.0	36.0	32.3
87.5°	15.4	15.4	15.4	14.0	12.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)