

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: P567149

Luminaire Tested: **4SNX-SL3-UNV-CC93-CD-4000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567149
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-CC93-CD-4000K-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, LOW LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

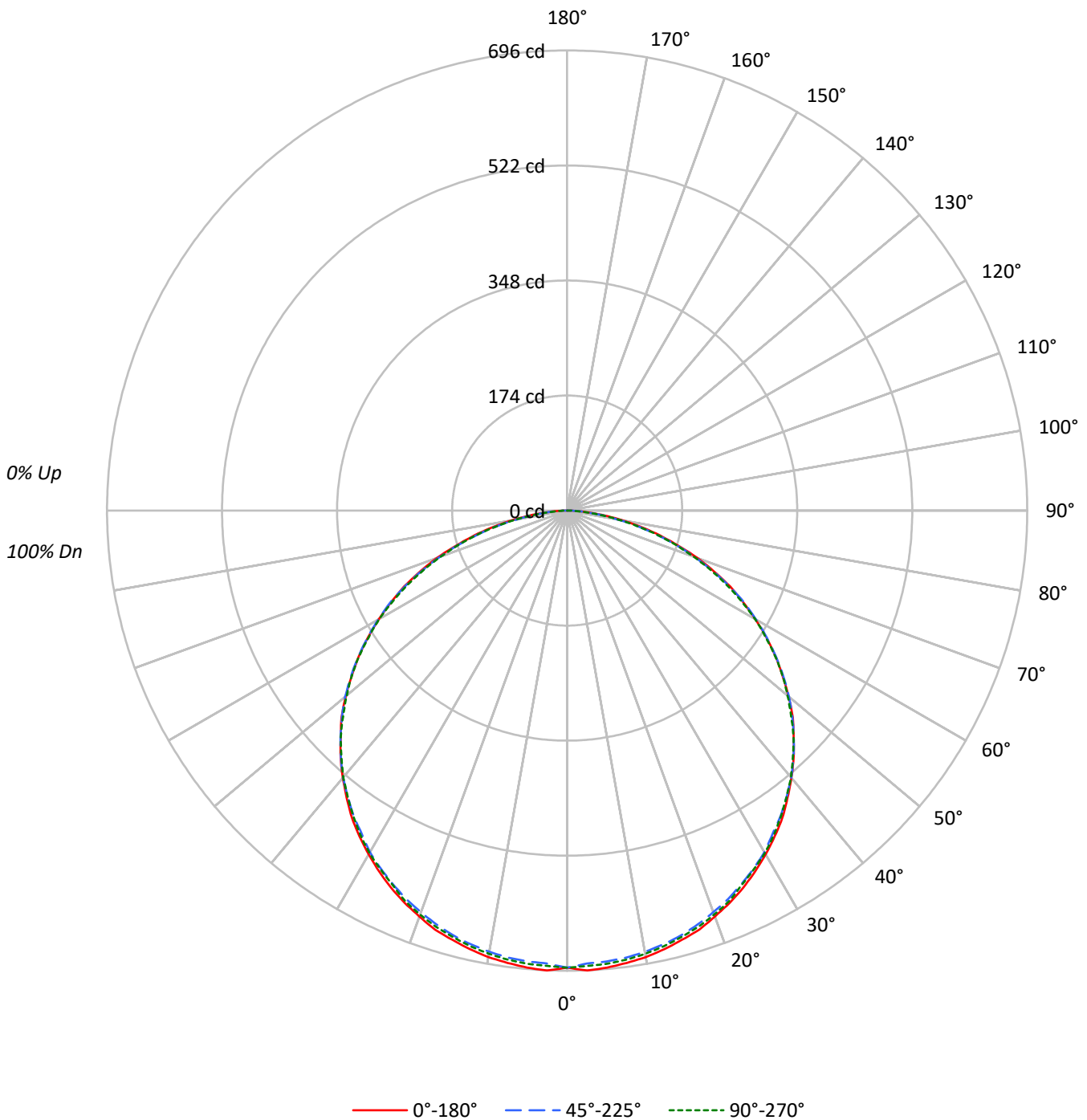
Lumens per Lamp: N/A
Luminaire Lumens: 2067.0 lumens
Efficiency: N/A
Efficacy: 128.1 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

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°	7441	7441	7441
5°	7497	7396	7436
10°	7495	7406	7440
15°	7489	7413	7441
20°	7485	7405	7449
25°	7480	7405	7421
30°	7464	7418	7434
35°	7458	7401	7410
40°	7416	7408	7399
45°	7372	7381	7372
50°	7318	7340	7288
55°	7221	7246	7210
60°	7081	7106	7065
65°	6935	6887	6793
70°	6593	6458	6379
75°	6026	5818	5843
80°	5201	4816	4934
85°	3915	3767	3384



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.6	3.2
10°-20°	189.0	9.1
20°-30°	289.1	14.0
30°-40°	353.5	17.1
40°-50°	374.0	18.1
50°-60°	344.6	16.7
60°-70°	265.5	12.8
70°-80°	148.8	7.2
80°-90°	37.0	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°	543.7	26.3
0°-40°	897.2	43.4
0°-60°	1615.8	78.2
0°-90°	2067.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2067.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	691	691	691	691	691	
5°	694	691	684	691	688	66
15°	672	671	665	671	668	190
25°	630	628	624	628	625	290
35°	568	566	563	565	564	355
45°	484	486	485	484	484	374
55°	385	388	386	386	384	344
65°	272	272	270	264	267	268
75°	145	143	140	135	140	154
85°	32	30	30	30	27	39
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	691.3	691.3	691.3	691.3	691.3
2.5°	696.3	693.2	685.7	692.5	689.4
5°	693.8	691.3	684.5	691.3	688.2
7.5°	690.1	688.2	682.0	688.2	685.1
10°	685.7	683.8	677.6	683.8	680.7
12.5°	679.5	678.3	672.0	678.3	675.1
15°	672.0	670.8	665.2	670.8	667.7
17.5°	664.6	662.1	656.5	662.7	660.2
20°	653.4	652.1	646.5	652.1	650.3
22.5°	642.2	641.0	636.0	641.0	639.7
25°	629.8	628.5	623.5	628.5	624.8
27.5°	615.5	616.1	610.5	613.6	611.7
30°	600.5	600.5	596.8	598.1	598.1
32.5°	584.4	584.4	578.8	582.5	581.9
35°	567.6	566.3	563.2	565.1	563.9
37.5°	547.7	547.1	545.2	546.5	545.2
40°	527.8	528.4	527.2	526.6	526.6
42.5°	507.3	508.5	506.7	506.0	505.4
45°	484.3	486.2	484.9	484.3	484.3
47.5°	463.2	463.8	461.9	461.3	459.4
50°	437.0	439.5	438.3	437.0	435.2
52.5°	410.9	414.7	412.2	410.9	410.9
55°	384.8	387.9	386.1	386.1	384.2
57.5°	357.5	360.6	358.1	358.1	355.6
60°	328.9	332.0	330.1	328.2	328.2
62.5°	300.3	302.8	302.1	299.0	297.2
65°	272.3	272.3	270.4	263.6	266.7
67.5°	240.6	240.0	237.5	230.6	235.0
70°	209.5	209.5	205.2	197.1	202.7
72.5°	175.9	177.8	172.2	166.6	172.2
75°	144.9	143.0	139.9	134.9	140.5
77.5°	115.0	111.9	108.2	105.7	108.8
80°	83.9	82.1	77.7	77.7	79.6
82.5°	57.2	55.3	52.2	52.8	50.4
85°	31.7	29.8	30.5	30.5	27.4
87.5°	13.1	13.1	13.1	11.8	10.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)