

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: P565938

Luminaire Tested: **2SNX-SL3-UNV-CC93-CD-4000K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565938
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: 2SNX-SL3-UNV-CC93-CD-4000K-MED
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, MED LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

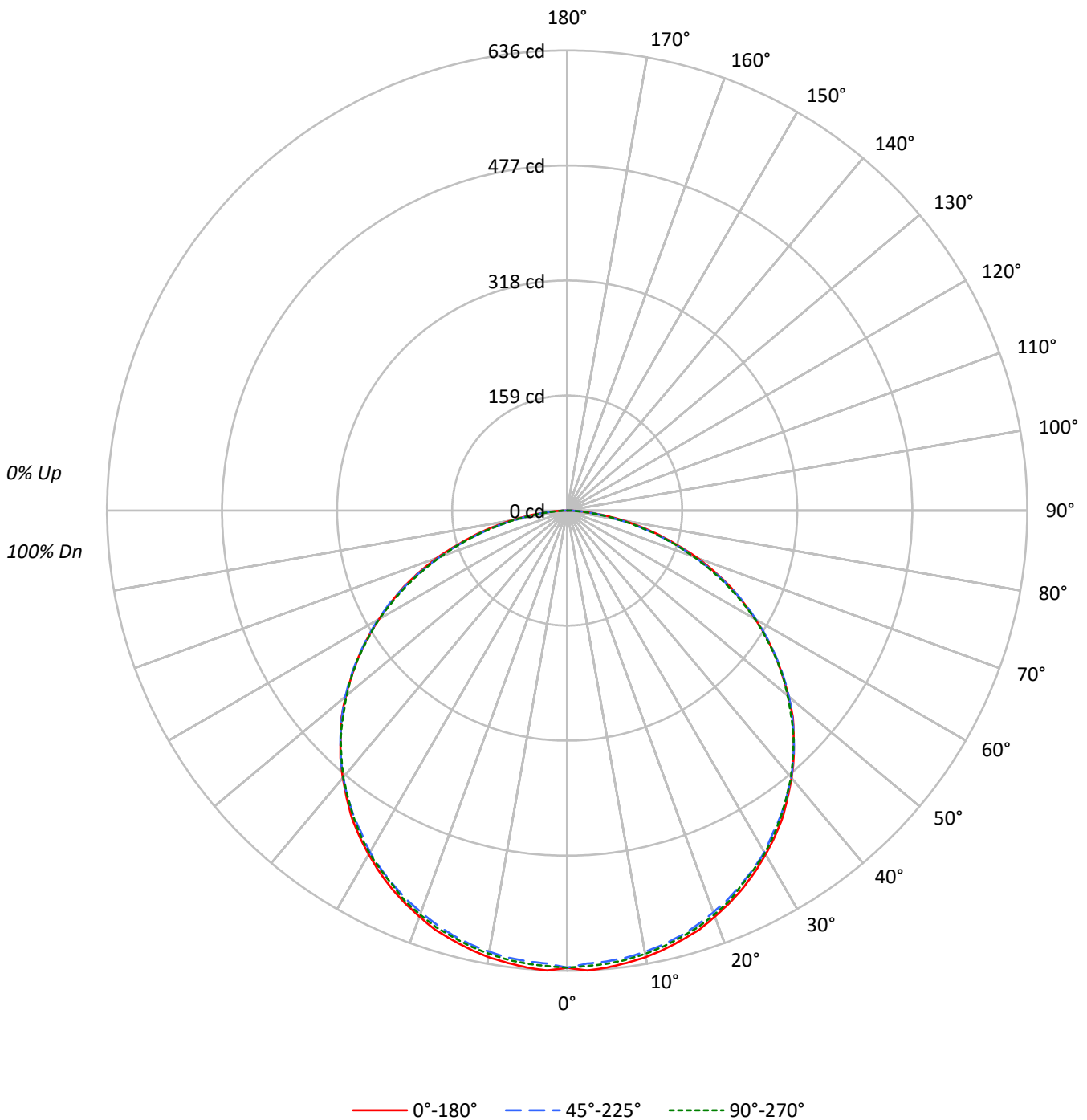
Lumens per Lamp: N/A
Luminaire Lumens: 1889.0 lumens
Efficiency: N/A
Efficacy: 141.7 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 13.332
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°	13601	13601	13601
5°	13701	13517	13591
10°	13700	13538	13599
15°	13689	13548	13600
20°	13679	13537	13615
25°	13670	13535	13563
30°	13642	13558	13587
35°	13632	13527	13542
40°	13557	13540	13523
45°	13475	13493	13475
50°	13376	13413	13320
55°	13200	13242	13178
60°	12938	12990	12917
65°	12674	12587	12414
70°	12054	11802	11657
75°	11013	10630	10680
80°	9509	8802	9013
85°	7163	6867	6175



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.9	3.2
10°-20°	172.7	9.1
20°-30°	264.2	14.0
30°-40°	323.1	17.1
40°-50°	341.8	18.1
50°-60°	314.9	16.7
60°-70°	242.6	12.8
70°-80°	136.0	7.2
80°-90°	33.8	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
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0°-30°	496.9	26.3
0°-40°	820.0	43.4
0°-60°	1476.6	78.2
0°-90°	1889.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1889.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	632	632	632	632	632	
5°	634	632	626	632	629	60
15°	614	613	608	613	610	174
25°	576	574	570	574	571	265
35°	519	518	515	516	515	324
45°	443	444	443	443	443	342
55°	352	354	353	353	351	314
65°	249	249	247	241	244	245
75°	132	131	128	123	128	140
85°	29	27	28	28	25	36
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	631.8	631.8	631.8	631.8	631.8
2.5°	636.3	633.5	626.7	632.9	630.1
5°	634.0	631.8	625.5	631.8	628.9
7.5°	630.6	628.9	623.3	628.9	626.1
10°	626.7	625.0	619.3	625.0	622.1
12.5°	621.0	619.8	614.2	619.8	617.0
15°	614.2	613.0	607.9	613.0	610.2
17.5°	607.3	605.1	600.0	605.6	603.4
20°	597.1	596.0	590.9	596.0	594.3
22.5°	586.9	585.8	581.2	585.8	584.6
25°	575.5	574.4	569.8	574.4	571.0
27.5°	562.5	563.0	557.9	560.8	559.1
30°	548.8	548.8	545.4	546.6	546.6
32.5°	534.1	534.1	528.9	532.3	531.8
35°	518.7	517.6	514.7	516.4	515.3
37.5°	500.5	500.0	498.3	499.4	498.3
40°	482.4	482.9	481.8	481.2	481.2
42.5°	463.6	464.7	463.0	462.5	461.9
45°	442.6	444.3	443.2	442.6	442.6
47.5°	423.3	423.8	422.1	421.6	419.9
50°	399.4	401.7	400.5	399.4	397.7
52.5°	375.5	379.0	376.7	375.5	375.5
55°	351.7	354.5	352.8	352.8	351.1
57.5°	326.7	329.5	327.3	327.3	325.0
60°	300.5	303.4	301.7	300.0	300.0
62.5°	274.4	276.7	276.1	273.3	271.6
65°	248.8	248.8	247.1	240.9	243.7
67.5°	219.9	219.3	217.0	210.8	214.8
70°	191.5	191.5	187.5	180.1	185.2
72.5°	160.8	162.5	157.4	152.3	157.4
75°	132.4	130.7	127.8	123.3	128.4
77.5°	105.1	102.3	98.9	96.6	99.4
80°	76.7	75.0	71.0	71.0	72.7
82.5°	52.3	50.6	47.7	48.3	46.0
85°	29.0	27.3	27.8	27.8	25.0
87.5°	11.9	11.9	11.9	10.8	9.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)