

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: P565936

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565936
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-HI
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, HI LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

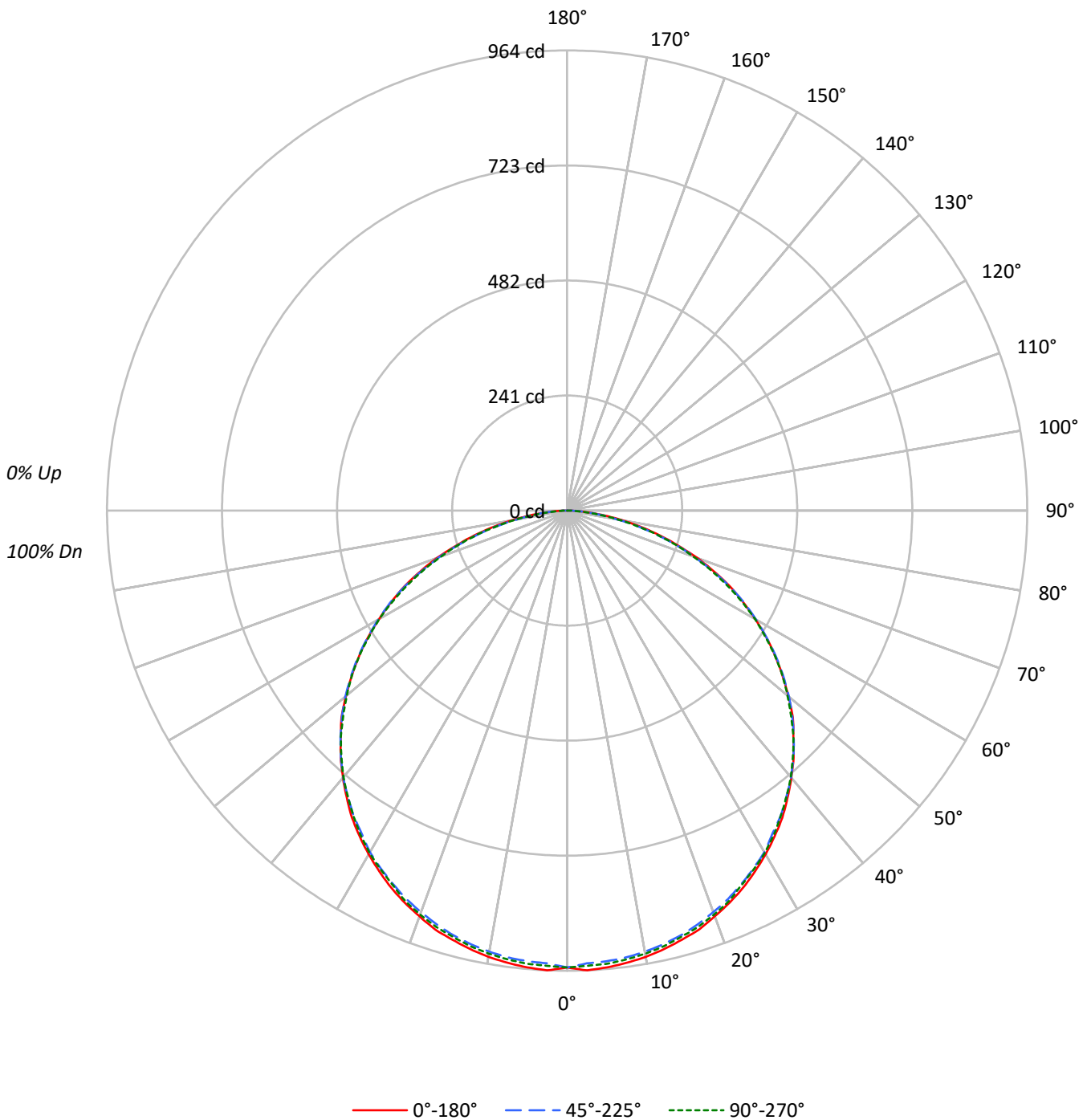
Lumens per Lamp: N/A
Luminaire Lumens: 2862.0 lumens
Efficiency: N/A
Efficacy: 141.7 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 20.2
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°	20606	20606	20606
5°	20759	20480	20592
10°	20754	20511	20605
15°	20738	20527	20605
20°	20726	20509	20628
25°	20713	20509	20549
30°	20670	20543	20585
35°	20654	20496	20517
40°	20537	20512	20490
45°	20416	20441	20416
50°	20266	20326	20182
55°	19997	20061	19967
60°	19608	19681	19569
65°	19204	19072	18812
70°	18260	17882	17662
75°	16685	16111	16178
80°	14406	13340	13662
85°	10843	10424	9361



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.8	3.2
10°-20°	261.7	9.1
20°-30°	400.4	14.0
30°-40°	489.5	17.1
40°-50°	517.8	18.1
50°-60°	477.1	16.7
60°-70°	367.6	12.8
70°-80°	206.0	7.2
80°-90°	51.2	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°	752.8	26.3
0°-40°	1242.3	43.4
0°-60°	2237.2	78.2
0°-90°	2862.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2862.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	957	957	957	957	957	
5°	961	957	948	957	953	91
15°	930	929	921	929	924	263
25°	872	870	863	870	865	402
35°	786	784	780	782	781	491
45°	671	673	671	671	671	518
55°	533	537	534	534	532	476
65°	377	377	374	365	369	371
75°	201	198	194	187	194	213
85°	44	41	42	42	38	54
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	957.2	957.2	957.2	957.2	957.2
2.5°	964.1	959.8	949.4	958.9	954.6
5°	960.6	957.2	947.7	957.2	952.9
7.5°	955.5	952.9	944.3	952.9	948.6
10°	949.4	946.9	938.3	946.9	942.6
12.5°	940.8	939.1	930.5	939.1	934.8
15°	930.5	928.8	921.0	928.8	924.5
17.5°	920.2	916.7	909.0	917.6	914.2
20°	904.7	903.0	895.2	903.0	900.4
22.5°	889.2	887.5	880.6	887.5	885.7
25°	872.0	870.3	863.4	870.3	865.1
27.5°	852.2	853.0	845.3	849.6	847.0
30°	831.5	831.5	826.4	828.1	828.1
32.5°	809.1	809.1	801.4	806.6	805.7
35°	785.9	784.2	779.9	782.5	780.7
37.5°	758.4	757.5	754.9	756.6	754.9
40°	730.8	731.7	729.9	729.1	729.1
42.5°	702.4	704.1	701.5	700.7	699.8
45°	670.6	673.1	671.4	670.6	670.6
47.5°	641.3	642.1	639.6	638.7	636.1
50°	605.1	608.6	606.9	605.1	602.6
52.5°	569.0	574.1	570.7	569.0	569.0
55°	532.8	537.1	534.5	534.5	532.0
57.5°	495.0	499.3	495.8	495.8	492.4
60°	455.4	459.7	457.1	454.5	454.5
62.5°	415.8	419.2	418.3	414.0	411.5
65°	377.0	377.0	374.4	365.0	369.3
67.5°	333.1	332.3	328.8	319.4	325.4
70°	290.1	290.1	284.1	272.9	280.6
72.5°	243.6	246.2	238.4	230.7	238.4
75°	200.6	198.0	193.7	186.8	194.5
77.5°	159.2	154.9	149.8	146.3	150.6
80°	116.2	113.6	107.6	107.6	110.2
82.5°	79.2	76.6	72.3	73.2	69.7
85°	43.9	41.3	42.2	42.2	37.9
87.5°	18.1	18.1	18.1	16.4	14.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)