

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: P565904

Luminaire Tested: **2SNX-SL3-LW-UNV-CC93-CD-5000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565904
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNX-SL3-LW-UNV-CC93-CD-5000K-LOW
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, LOW LUMEN SETTING, AND LW LENS
Light Source: -
Ballast/Driver: -

Summary

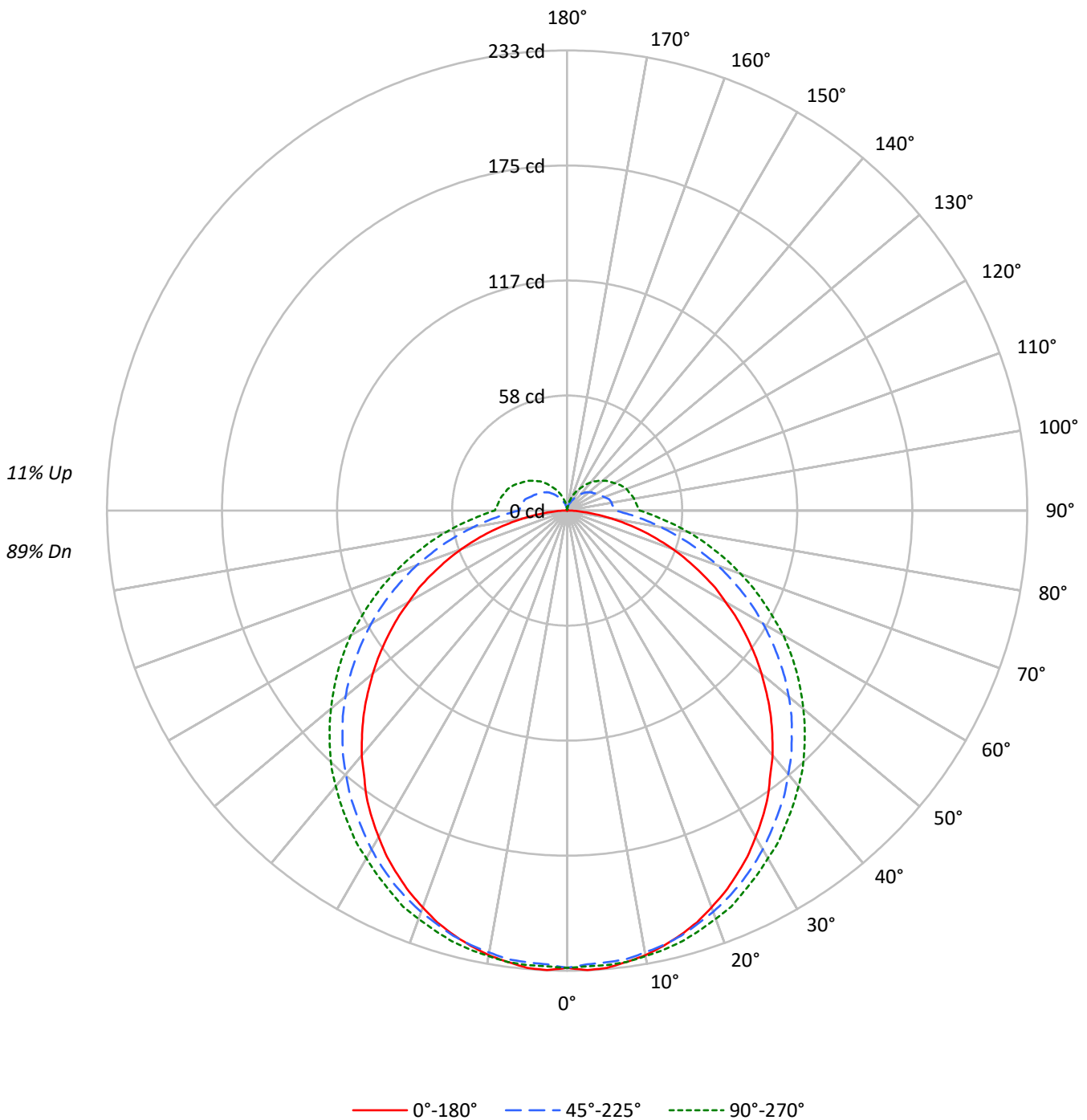
Lumens per Lamp: N/A
Luminaire Lumens: 824.0 lumens
Efficiency: N/A
Efficacy: 124.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Semi-Direct

Input Watts (W): 6.6
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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	100	95	90	101	96	92	88	90	86	83	84	81	79	79	76	74	71
2	95	86	79	73	91	83	76	71	78	72	68	73	68	64	68	65	61	58
3	86	75	67	60	83	73	65	59	68	61	56	64	58	54	60	55	51	49
4	79	66	57	50	75	64	56	49	60	53	47	57	50	46	53	48	44	41
5	72	59	50	43	69	57	49	42	54	46	41	51	44	39	48	42	38	35
6	67	53	44	37	64	51	43	37	48	41	35	46	39	34	43	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	39	34	29	27
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	30	26	24
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	24	22
10	50	37	29	24	48	36	28	23	34	27	23	32	26	22	31	25	21	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	4984	4984	4984
5°	4986	4742	4717
10°	4925	4542	4481
15°	4848	4350	4268
20°	4754	4152	4056
25°	4648	3963	3849
30°	4528	3770	3649
35°	4398	3576	3463
40°	4250	3388	3285
45°	4092	3199	3104
50°	3912	3006	2913
55°	3713	2793	2724
60°	3484	2570	2528
65°	3237	2331	2302
70°	2909	2078	2078
75°	2481	1787	1843
80°	1852	1491	1608
85°	1088	1217	1367



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.0	2.7
10°-20°	63.2	7.7
20°-30°	96.1	11.7
30°-40°	116.6	14.2
40°-50°	123.2	15.0
50°-60°	115.3	14.0
60°-70°	94.6	11.5
70°-80°	65.1	7.9
80°-90°	35.6	4.3
90°-100°	23.0	2.8
100°-110°	20.6	2.5
110°-120°	17.1	2.1
120°-130°	13.1	1.6
130°-140°	9.2	1.1
140°-150°	5.6	0.7
150°-160°	2.7	0.3
160°-170°	0.9	0.1
170°-180°	0.1	0.0
0°-30°	181.3	22.0
0°-40°	297.9	36.2
0°-60°	536.5	65.1
0°-90°	731.8	88.8
90°-120°	60.6	7.4
90°-150°	88.5	10.7
90°-180°	92.0	11.2
0°-180°	824.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	232	232	232	232	232	
5°	232	232	230	232	231	22
15°	222	223	223	226	226	63
25°	203	206	208	212	212	94
35°	177	181	187	192	193	111
45°	146	152	161	168	170	112
55°	111	120	131	139	142	99
65°	75	85	98	107	110	74
75°	39	50	64	74	77	41
85°	9	20	35	44	48	10
90°	0	12	24	33	37	1
95°	0	11	23	32	35	0
105°	0	9	22	30	33	0
115°	0	8	19	27	30	0
125°	0	7	16	23	26	0
135°	0	5	13	19	21	0
145°	0	4	9	14	16	0
155°	0	2	6	9	10	0
165°	0	1	3	4	5	0
175°	0	0	1	1	0	0
180°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	231.5	231.5	231.5	231.5	231.5
2.5°	232.9	232.4	230.0	231.9	231.0
5°	232.4	231.9	229.6	231.5	231.0
7.5°	230.5	230.5	229.1	231.0	230.5
10°	228.6	228.6	227.2	229.6	229.1
12.5°	225.7	226.2	225.3	228.1	227.6
15°	222.4	223.4	222.9	225.7	225.7
17.5°	218.6	219.5	219.5	222.9	222.9
20°	213.8	215.2	216.2	220.0	220.0
22.5°	209.0	210.9	212.4	215.7	217.1
25°	203.3	205.7	208.1	212.4	212.4
27.5°	197.6	200.4	203.3	207.6	208.1
30°	190.9	194.2	198.1	202.4	203.3
32.5°	184.2	188.5	192.3	197.6	199.0
35°	177.1	181.4	186.6	191.9	193.3
37.5°	168.9	174.2	180.9	186.6	188.0
40°	161.8	167.5	174.2	180.9	182.3
42.5°	153.7	159.9	168.0	174.2	176.6
45°	145.6	152.2	160.8	168.0	169.9
47.5°	137.0	144.6	154.1	160.8	163.2
50°	128.4	136.5	146.5	154.1	156.1
52.5°	119.8	128.4	138.9	146.5	148.9
55°	110.7	119.8	130.8	138.9	141.7
57.5°	102.1	111.2	122.7	131.2	134.1
60°	92.6	103.1	114.5	123.1	126.5
62.5°	84.5	94.0	106.4	115.0	117.9
65°	74.9	84.9	97.8	106.9	109.8
67.5°	65.9	76.4	89.2	98.8	101.7
70°	56.8	67.3	81.1	90.2	93.5
72.5°	47.7	58.7	72.1	82.1	85.4
75°	39.1	49.6	64.0	74.0	77.3
77.5°	30.1	41.5	55.8	65.9	69.7
80°	22.0	33.9	48.2	58.2	62.0
82.5°	14.8	26.7	41.0	51.1	54.9
85°	8.6	20.5	34.8	44.4	47.7
87.5°	4.3	15.7	29.1	38.7	42.0
90°	0.0	11.5	24.3	33.4	36.7
92.5°	0.0	11.0	23.9	32.5	35.8
95°	0.0	11.0	23.4	32.0	35.3
97.5°	0.0	10.5	22.9	32.0	34.8
100°	0.0	10.0	22.9	31.5	34.4
102.5°	0.0	9.5	22.4	31.0	33.9
105°	0.0	9.1	22.0	30.1	32.9
107.5°	0.5	9.1	21.0	29.6	32.5
110°	0.5	8.6	20.0	29.1	32.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.5	8.1	19.1	28.2	31.0
115°	0.5	8.1	18.6	26.7	30.1
117.5°	0.5	7.6	17.7	25.8	29.1
120°	0.5	7.6	17.2	24.8	27.7
122.5°	0.5	7.2	16.2	23.9	26.7
125°	0.5	6.7	15.7	22.9	25.8
127.5°	0.5	6.2	15.3	22.0	24.8
130°	0.5	5.7	14.3	21.0	23.4
132.5°	0.5	5.7	13.8	19.6	22.4
135°	0.5	5.2	12.9	18.6	21.0
137.5°	0.5	4.8	11.9	17.7	20.0
140°	0.5	4.3	11.0	16.7	18.6
142.5°	0.5	4.3	10.0	15.3	17.2
145°	0.5	3.8	9.1	14.3	15.7
147.5°	0.5	3.3	8.1	12.9	14.3
150°	0.5	3.3	7.2	11.5	12.9
152.5°	0.5	2.9	6.2	10.5	11.9
155°	0.5	2.4	5.7	9.1	10.5
157.5°	0.5	2.4	4.8	7.6	9.1
160°	0.5	1.9	4.3	6.2	7.6
162.5°	0.5	1.9	3.8	5.2	6.7
165°	0.5	1.4	2.9	4.3	5.2
167.5°	0.5	1.4	2.4	3.3	4.3
170°	0.5	1.0	1.9	2.4	3.3
172.5°	0.5	1.0	1.4	1.4	1.4
175°	0.5	0.5	1.0	1.0	0.5
177.5°	0.5	0.5	0.5	0.5	0.5
180°	0.5	0.5	0.5	0.5	0.5

(END OF REPORT)