

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: P565918

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565918
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-SLW-UNV-CC93-CD-4000K-HI
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, HI LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

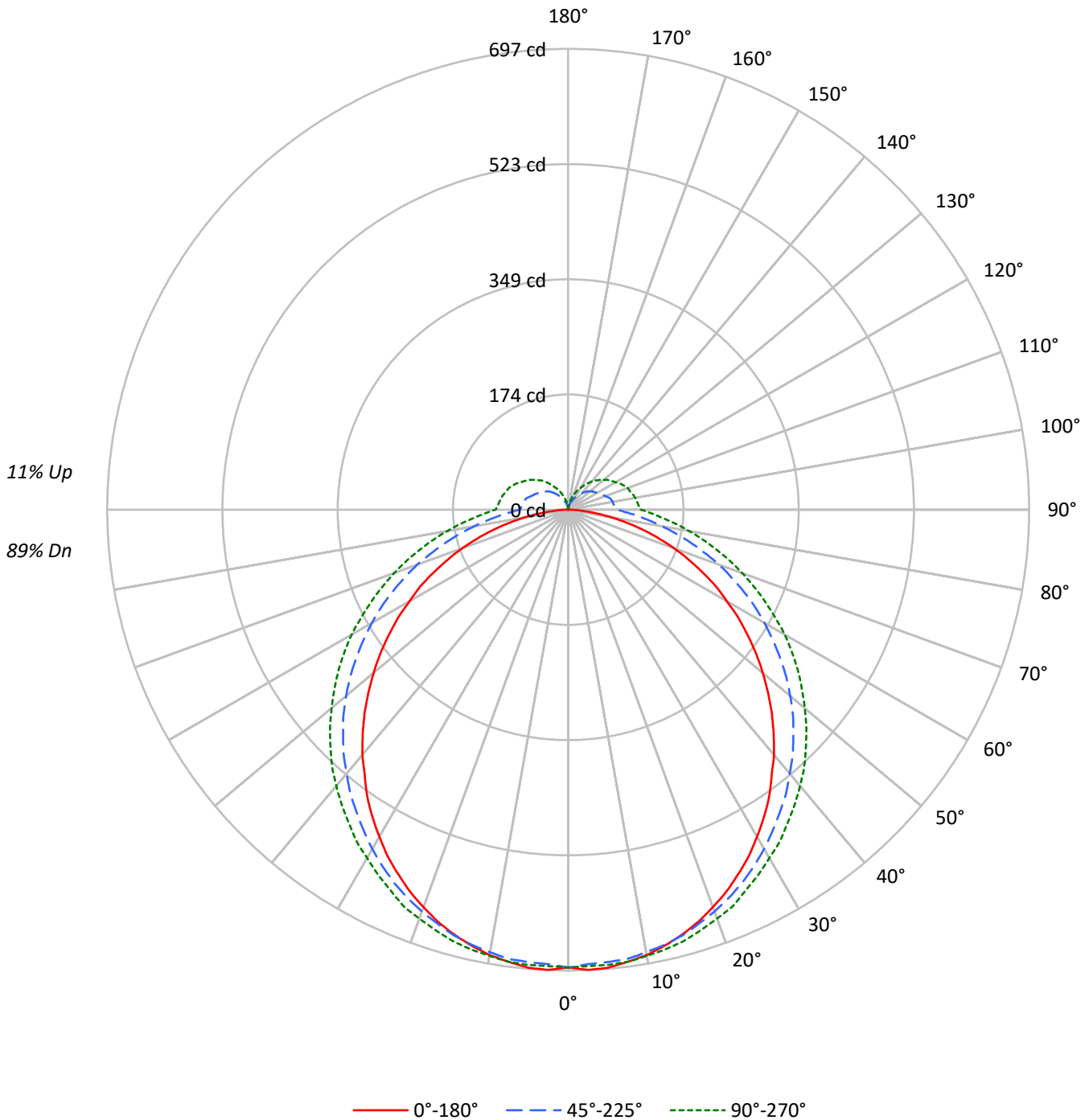
Lumens per Lamp: N/A
Luminaire Lumens: 2465.0 lumens
Efficiency: N/A
Efficacy: 122.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

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	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°	14906	14906	14906
5°	14971	14504	14511
10°	14841	14195	14152
15°	14665	13877	13821
20°	14435	13516	13453
25°	14173	13165	13067
30°	13864	12780	12687
35°	13528	12380	12329
40°	13144	11988	11988
45°	12728	11587	11618
50°	12255	11165	11204
55°	11735	10661	10795
60°	11127	10121	10341
65°	10483	9519	9771
70°	9600	8853	9210
75°	8434	8013	8592
80°	6593	7157	7981
85°	4306	6404	7356



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.8	2.7
10°-20°	189.0	7.7
20°-30°	287.4	11.7
30°-40°	348.9	14.2
40°-50°	368.7	15.0
50°-60°	345.0	14.0
60°-70°	283.1	11.5
70°-80°	194.7	7.9
80°-90°	106.6	4.3
90°-100°	68.7	2.8
100°-110°	61.6	2.5
110°-120°	51.0	2.1
120°-130°	39.3	1.6
130°-140°	27.6	1.1
140°-150°	16.6	0.7
150°-160°	8.0	0.3
160°-170°	2.6	0.1
170°-180°	0.3	0.0
0°-30°	542.2	22.0
0°-40°	891.2	36.2
0°-60°	1604.9	65.1
0°-90°	2189.3	88.8
90°-120°	181.3	7.4
90°-150°	264.7	10.7
90°-180°	276.0	11.2
0°-180°	2465.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	692	692	692	692	692	
5°	695	694	687	692	691	66
15°	665	668	667	675	675	188
25°	608	615	622	635	635	280
35°	530	542	558	574	578	331
45°	435	455	481	502	508	336
55°	331	358	391	416	424	296
65°	224	254	293	320	328	222
75°	117	148	191	221	231	123
85°	26	61	104	133	143	30
90°	0	34	73	100	110	2
95°	0	33	70	96	106	0
105°	0	27	66	90	98	1
115°	1	24	56	80	90	1
125°	1	20	47	68	77	1
135°	1	16	38	56	63	1
145°	1	11	27	43	47	1
155°	1	7	17	27	31	1
165°	1	4	9	13	16	0
175°	1	1	3	3	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	692.4	692.4	692.4	692.4	692.4
2.5°	696.7	695.3	688.1	693.9	691.0
5°	695.3	693.9	686.7	692.4	691.0
7.5°	689.6	689.6	685.3	691.0	689.6
10°	683.9	683.9	679.6	686.7	685.3
12.5°	675.3	676.7	673.9	682.4	681.0
15°	665.3	668.2	666.7	675.3	675.3
17.5°	653.9	656.7	656.7	666.7	666.7
20°	639.6	643.9	646.7	658.2	658.2
22.5°	625.3	631.0	635.3	645.3	649.6
25°	608.2	615.3	622.5	635.3	635.3
27.5°	591.1	599.6	608.2	621.0	622.5
30°	571.1	581.1	592.5	605.3	608.2
32.5°	551.1	563.9	575.4	591.1	595.3
35°	529.7	542.5	558.2	573.9	578.2
37.5°	505.4	521.1	541.1	558.2	562.5
40°	484.0	501.1	521.1	541.1	545.4
42.5°	459.7	478.3	502.5	521.1	528.2
45°	435.4	455.4	481.1	502.5	508.3
47.5°	409.7	432.6	461.1	481.1	488.3
50°	384.0	408.3	438.3	461.1	466.9
52.5°	358.3	384.0	415.5	438.3	445.4
55°	331.2	358.3	391.2	415.5	424.0
57.5°	305.5	332.6	366.9	392.6	401.2
60°	277.0	308.4	342.6	368.3	378.3
62.5°	252.7	281.3	318.4	344.1	352.6
65°	224.1	254.1	292.7	319.8	328.4
67.5°	197.0	228.4	267.0	295.5	304.1
70°	169.9	201.3	242.7	269.8	279.8
72.5°	142.8	175.6	215.6	245.6	255.6
75°	117.1	148.5	191.3	221.3	231.3
77.5°	89.9	124.2	167.0	197.0	208.4
80°	65.7	101.4	144.2	174.2	185.6
82.5°	44.3	80.0	122.8	152.8	164.2
85°	25.7	61.4	104.2	132.8	142.8
87.5°	12.8	47.1	87.1	115.6	125.6
90°	0.0	34.3	72.8	99.9	109.9
92.5°	0.0	32.8	71.4	97.1	107.1
95°	0.0	32.8	70.0	95.7	105.6
97.5°	0.0	31.4	68.5	95.7	104.2
100°	0.0	30.0	68.5	94.2	102.8
102.5°	0.0	28.6	67.1	92.8	101.4
105°	0.0	27.1	65.7	89.9	98.5
107.5°	1.4	27.1	62.8	88.5	97.1
110°	1.4	25.7	60.0	87.1	95.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.4	24.3	57.1	84.2	92.8
115°	1.4	24.3	55.7	80.0	89.9
117.5°	1.4	22.8	52.8	77.1	87.1
120°	1.4	22.8	51.4	74.2	82.8
122.5°	1.4	21.4	48.5	71.4	80.0
125°	1.4	20.0	47.1	68.5	77.1
127.5°	1.4	18.6	45.7	65.7	74.2
130°	1.4	17.1	42.8	62.8	70.0
132.5°	1.4	17.1	41.4	58.5	67.1
135°	1.4	15.7	38.5	55.7	62.8
137.5°	1.4	14.3	35.7	52.8	60.0
140°	1.4	12.8	32.8	50.0	55.7
142.5°	1.4	12.8	30.0	45.7	51.4
145°	1.4	11.4	27.1	42.8	47.1
147.5°	1.4	10.0	24.3	38.5	42.8
150°	1.4	10.0	21.4	34.3	38.5
152.5°	1.4	8.6	18.6	31.4	35.7
155°	1.4	7.1	17.1	27.1	31.4
157.5°	1.4	7.1	14.3	22.8	27.1
160°	1.4	5.7	12.8	18.6	22.8
162.5°	1.4	5.7	11.4	15.7	20.0
165°	1.4	4.3	8.6	12.8	15.7
167.5°	1.4	4.3	7.1	10.0	12.8
170°	1.4	2.9	5.7	7.1	10.0
172.5°	1.4	2.9	4.3	4.3	4.3
175°	1.4	1.4	2.9	2.9	1.4
177.5°	1.4	1.4	1.4	1.4	1.4
180°	1.4	1.4	1.4	1.4	1.4

(END OF REPORT)