

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: P565905

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565905
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-MED
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, MED LUMEN SETTING, AND LW LENS
Light Source: -
Ballast/Driver: -

Summary

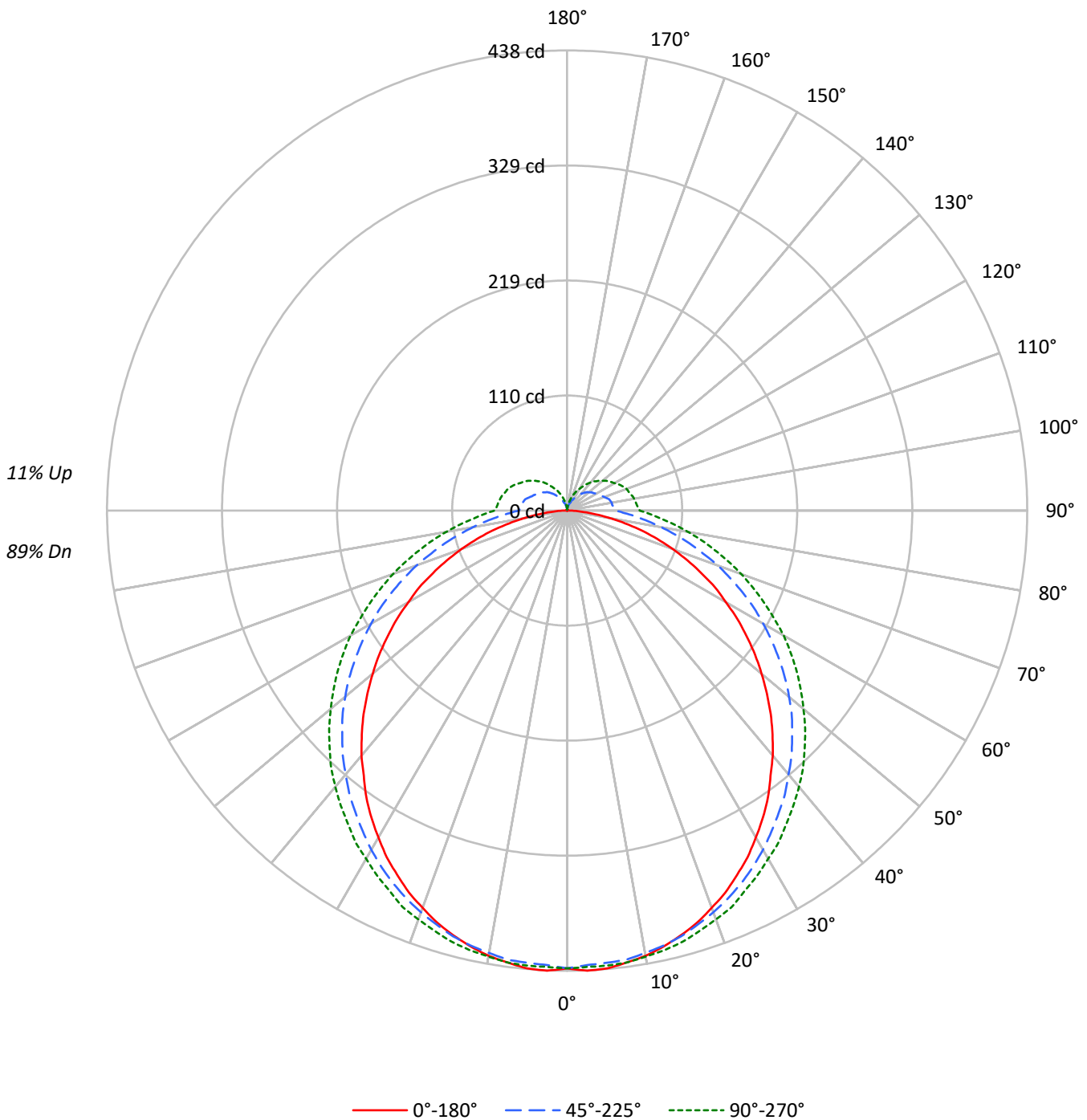
Lumens per Lamp: N/A
Luminaire Lumens: 1551.0 lumens
Efficiency: N/A
Efficacy: 117.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Semi-Direct

Input Watts (W): 13.2
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°	9380	9380	9380
5°	9386	8924	8878
10°	9270	8548	8434
15°	9126	8186	8035
20°	8947	7814	7634
25°	8750	7459	7243
30°	8522	7095	6869
35°	8276	6730	6518
40°	7998	6377	6185
45°	7700	6022	5842
50°	7361	5660	5481
55°	6990	5256	5130
60°	6558	4838	4758
65°	6093	4390	4331
70°	5475	3912	3914
75°	4676	3361	3470
80°	3477	2806	3029
85°	2049	2295	2573



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.4	2.7
10°-20°	118.9	7.7
20°-30°	180.9	11.7
30°-40°	219.5	14.2
40°-50°	232.0	15.0
50°-60°	217.1	14.0
60°-70°	178.1	11.5
70°-80°	122.5	7.9
80°-90°	67.1	4.3
90°-100°	43.2	2.8
100°-110°	38.8	2.5
110°-120°	32.1	2.1
120°-130°	24.7	1.6
130°-140°	17.4	1.1
140°-150°	10.5	0.7
150°-160°	5.0	0.3
160°-170°	1.6	0.1
170°-180°	0.2	0.0
0°-30°	341.2	22.0
0°-40°	560.7	36.2
0°-60°	1009.8	65.1
0°-90°	1377.6	88.8
90°-120°	114.1	7.4
90°-150°	166.6	10.7
90°-180°	173.0	11.2
0°-180°	1551.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	436	436	436	436	436	
5°	438	437	432	436	435	41
15°	419	420	420	425	425	118
25°	383	387	392	400	400	176
35°	333	341	351	361	364	208
45°	274	287	303	316	320	211
55°	208	226	246	261	267	186
65°	141	160	184	201	207	140
75°	74	93	120	139	146	78
85°	16	39	66	84	90	19
90°	0	22	46	63	69	1
95°	0	21	44	60	66	0
105°	0	17	41	57	62	1
115°	1	15	35	50	57	1
125°	1	13	30	43	48	1
135°	1	10	24	35	40	1
145°	1	7	17	27	30	1
155°	1	4	11	17	20	0
165°	1	3	5	8	10	0
175°	1	1	2	2	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	435.7	435.7	435.7	435.7	435.7
2.5°	438.4	437.5	433.0	436.6	434.8
5°	437.5	436.6	432.1	435.7	434.8
7.5°	433.9	433.9	431.2	434.8	433.9
10°	430.3	430.3	427.6	432.1	431.2
12.5°	424.9	425.8	424.0	429.4	428.5
15°	418.6	420.4	419.5	424.9	424.9
17.5°	411.4	413.2	413.2	419.5	419.5
20°	402.4	405.1	406.9	414.1	414.1
22.5°	393.5	397.1	399.7	406.0	408.7
25°	382.7	387.2	391.7	399.7	399.7
27.5°	371.9	377.3	382.7	390.8	391.7
30°	359.3	365.6	372.8	380.9	382.7
32.5°	346.7	354.8	362.0	371.9	374.6
35°	333.3	341.4	351.2	361.1	363.8
37.5°	318.0	327.9	340.5	351.2	353.9
40°	304.5	315.3	327.9	340.5	343.2
42.5°	289.3	300.9	316.2	327.9	332.4
45°	274.0	286.6	302.7	316.2	319.8
47.5°	257.8	272.2	290.2	302.7	307.2
50°	241.6	256.9	275.8	290.2	293.7
52.5°	225.5	241.6	261.4	275.8	280.3
55°	208.4	225.5	246.1	261.4	266.8
57.5°	192.2	209.3	230.9	247.0	252.4
60°	174.3	194.0	215.6	231.8	238.1
62.5°	159.0	177.0	200.3	216.5	221.9
65°	141.0	159.9	184.2	201.2	206.6
67.5°	124.0	143.7	168.0	185.9	191.3
70°	106.9	126.7	152.7	169.8	176.1
72.5°	89.8	110.5	135.6	154.5	160.8
75°	73.7	93.4	120.4	139.2	145.5
77.5°	56.6	78.2	105.1	124.0	131.2
80°	41.3	63.8	90.7	109.6	116.8
82.5°	27.8	50.3	77.3	96.1	103.3
85°	16.2	38.6	65.6	83.5	89.8
87.5°	8.1	29.6	54.8	72.8	79.1
90°	0.0	21.6	45.8	62.9	69.2
92.5°	0.0	20.7	44.9	61.1	67.4
95°	0.0	20.7	44.0	60.2	66.5
97.5°	0.0	19.8	43.1	60.2	65.6
100°	0.0	18.9	43.1	59.3	64.7
102.5°	0.0	18.0	42.2	58.4	63.8
105°	0.0	17.1	41.3	56.6	62.0
107.5°	0.9	17.1	39.5	55.7	61.1
110°	0.9	16.2	37.7	54.8	60.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.9	15.3	35.9	53.0	58.4
115°	0.9	15.3	35.0	50.3	56.6
117.5°	0.9	14.4	33.2	48.5	54.8
120°	0.9	14.4	32.3	46.7	52.1
122.5°	0.9	13.5	30.5	44.9	50.3
125°	0.9	12.6	29.6	43.1	48.5
127.5°	0.9	11.7	28.7	41.3	46.7
130°	0.9	10.8	26.9	39.5	44.0
132.5°	0.9	10.8	26.1	36.8	42.2
135°	0.9	9.9	24.3	35.0	39.5
137.5°	0.9	9.0	22.5	33.2	37.7
140°	0.9	8.1	20.7	31.4	35.0
142.5°	0.9	8.1	18.9	28.7	32.3
145°	0.9	7.2	17.1	26.9	29.6
147.5°	0.9	6.3	15.3	24.3	26.9
150°	0.9	6.3	13.5	21.6	24.3
152.5°	0.9	5.4	11.7	19.8	22.5
155°	0.9	4.5	10.8	17.1	19.8
157.5°	0.9	4.5	9.0	14.4	17.1
160°	0.9	3.6	8.1	11.7	14.4
162.5°	0.9	3.6	7.2	9.9	12.6
165°	0.9	2.7	5.4	8.1	9.9
167.5°	0.9	2.7	4.5	6.3	8.1
170°	0.9	1.8	3.6	4.5	6.3
172.5°	0.9	1.8	2.7	2.7	2.7
175°	0.9	0.9	1.8	1.8	0.9
177.5°	0.9	0.9	0.9	0.9	0.9
180°	0.9	0.9	0.9	0.9	0.9

(END OF REPORT)