

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: P565902

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565902
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-4000K-MED
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, MED LUMEN SETTING, AND LW LENS
Light Source: -
Ballast/Driver: -

Summary

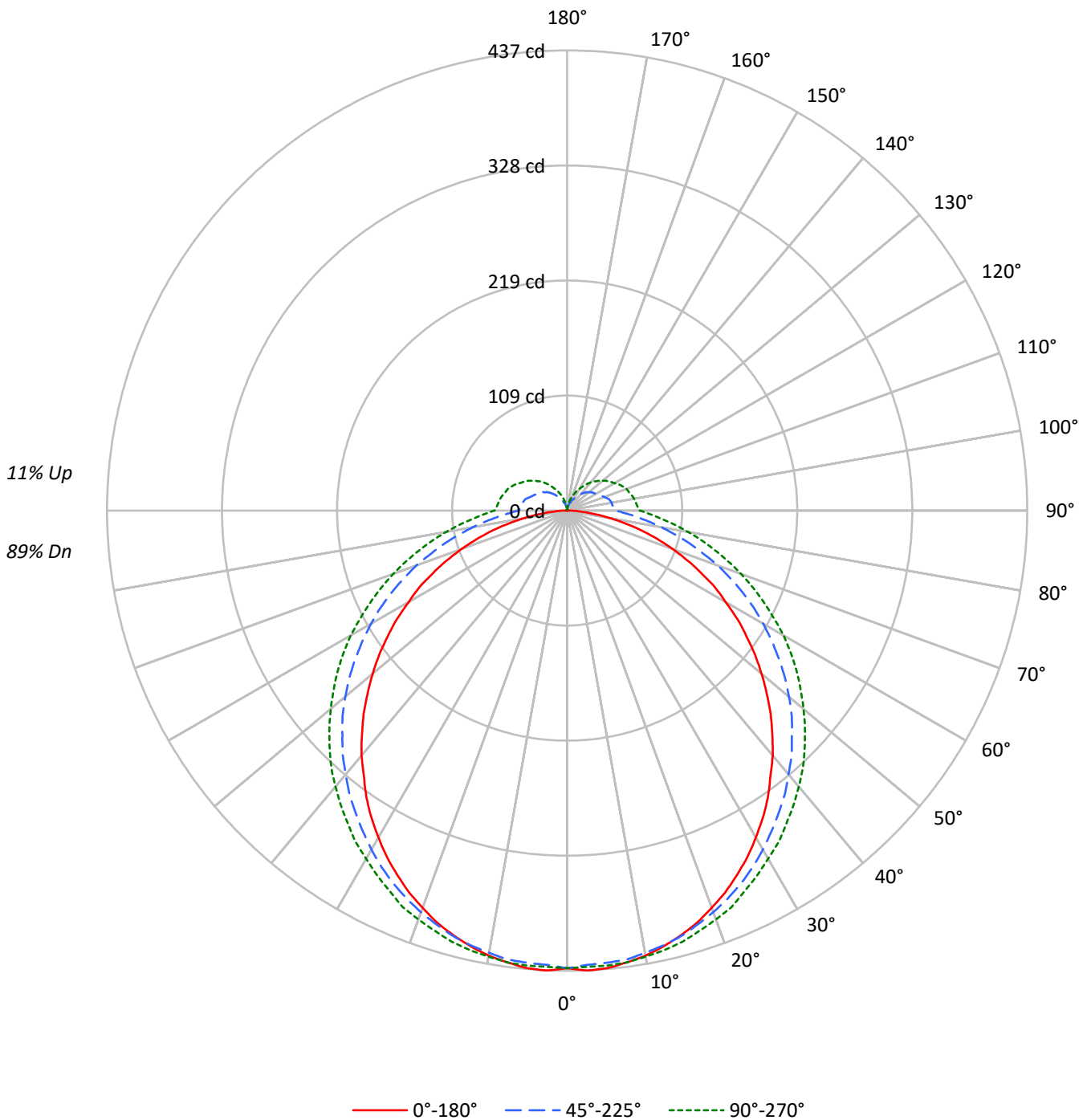
Lumens per Lamp: N/A
Luminaire Lumens: 1547.0 lumens
Efficiency: N/A
Efficacy: 116.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Semi-Direct

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	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°	9356	9356	9356
5°	9360	8901	8856
10°	9246	8526	8413
15°	9102	8165	8014
20°	8925	7794	7616
25°	8727	7440	7225
30°	8500	7076	6851
35°	8254	6713	6502
40°	7977	6360	6169
45°	7681	6006	5827
50°	7342	5645	5468
55°	6973	5243	5116
60°	6539	4825	4744
65°	6080	4378	4321
70°	5460	3901	3903
75°	4663	3353	3462
80°	3468	2800	3021
85°	2037	2288	2567



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.3	2.7
10°-20°	118.6	7.7
20°-30°	180.4	11.7
30°-40°	219.0	14.2
40°-50°	231.4	15.0
50°-60°	216.5	14.0
60°-70°	177.7	11.5
70°-80°	122.2	7.9
80°-90°	66.9	4.3
90°-100°	43.1	2.8
100°-110°	38.7	2.5
110°-120°	32.0	2.1
120°-130°	24.6	1.6
130°-140°	17.3	1.1
140°-150°	10.4	0.7
150°-160°	5.0	0.3
160°-170°	1.6	0.1
170°-180°	0.2	0.0
0°-30°	340.3	22.0
0°-40°	559.3	36.2
0°-60°	1007.2	65.1
0°-90°	1374.0	88.8
90°-120°	113.7	7.4
90°-150°	166.2	10.7
90°-180°	173.0	11.2
0°-180°	1547.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	435	435	435	435	435	
5°	436	436	431	435	434	41
15°	418	419	418	424	424	118
25°	382	386	391	399	399	176
35°	332	340	350	360	363	208
45°	273	286	302	315	319	211
55°	208	225	246	261	266	186
65°	141	160	184	201	206	139
75°	74	93	120	139	145	77
85°	16	38	65	83	90	19
90°	0	22	46	63	69	1
95°	0	21	44	60	66	0
105°	0	17	41	56	62	1
115°	1	15	35	50	56	1
125°	1	12	30	43	48	1
135°	1	10	24	35	39	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°	434.6	434.6	434.6	434.6	434.6
2.5°	437.2	436.3	431.9	435.5	433.7
5°	436.3	435.5	431.0	434.6	433.7
7.5°	432.8	432.8	430.1	433.7	432.8
10°	429.2	429.2	426.5	431.0	430.1
12.5°	423.8	424.7	422.9	428.3	427.4
15°	417.5	419.3	418.4	423.8	423.8
17.5°	410.4	412.2	412.2	418.4	418.4
20°	401.4	404.1	405.9	413.1	413.1
22.5°	392.4	396.0	398.7	405.0	407.7
25°	381.7	386.2	390.7	398.7	398.7
27.5°	370.9	376.3	381.7	389.8	390.7
30°	358.4	364.7	371.8	379.9	381.7
32.5°	345.9	353.9	361.1	370.9	373.6
35°	332.4	340.5	350.3	360.2	362.9
37.5°	317.2	327.0	339.6	350.3	353.0
40°	303.7	314.5	327.0	339.6	342.3
42.5°	288.5	300.2	315.4	327.0	331.5
45°	273.3	285.8	301.9	315.4	319.0
47.5°	257.1	271.5	289.4	301.9	306.4
50°	241.0	256.3	275.1	289.4	293.0
52.5°	224.9	241.0	260.7	275.1	279.5
55°	207.9	224.9	245.5	260.7	266.1
57.5°	191.7	208.8	230.3	246.4	251.8
60°	173.8	193.5	215.0	231.2	237.4
62.5°	158.6	176.5	199.8	215.9	221.3
65°	140.7	159.5	183.7	200.7	206.1
67.5°	123.6	143.4	167.6	185.5	190.8
70°	106.6	126.3	152.3	169.3	175.6
72.5°	89.6	110.2	135.3	154.1	160.4
75°	73.5	93.2	120.1	138.9	145.2
77.5°	56.4	78.0	104.8	123.6	130.8
80°	41.2	63.6	90.5	109.3	116.5
82.5°	27.8	50.2	77.1	95.9	103.0
85°	16.1	38.5	65.4	83.3	89.6
87.5°	8.1	29.6	54.7	72.6	78.8
90°	0.0	21.5	45.7	62.7	69.0
92.5°	0.0	20.6	44.8	60.9	67.2
95°	0.0	20.6	43.9	60.0	66.3
97.5°	0.0	19.7	43.0	60.0	65.4
100°	0.0	18.8	43.0	59.1	64.5
102.5°	0.0	17.9	42.1	58.2	63.6
105°	0.0	17.0	41.2	56.4	61.8
107.5°	0.9	17.0	39.4	55.6	60.9
110°	0.9	16.1	37.6	54.7	60.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.9	15.2	35.8	52.9	58.2
115°	0.9	15.2	34.9	50.2	56.4
117.5°	0.9	14.3	33.2	48.4	54.7
120°	0.9	14.3	32.3	46.6	52.0
122.5°	0.9	13.4	30.5	44.8	50.2
125°	0.9	12.5	29.6	43.0	48.4
127.5°	0.9	11.6	28.7	41.2	46.6
130°	0.9	10.8	26.9	39.4	43.9
132.5°	0.9	10.8	26.0	36.7	42.1
135°	0.9	9.9	24.2	34.9	39.4
137.5°	0.9	9.0	22.4	33.2	37.6
140°	0.9	8.1	20.6	31.4	34.9
142.5°	0.9	8.1	18.8	28.7	32.3
145°	0.9	7.2	17.0	26.9	29.6
147.5°	0.9	6.3	15.2	24.2	26.9
150°	0.9	6.3	13.4	21.5	24.2
152.5°	0.9	5.4	11.6	19.7	22.4
155°	0.9	4.5	10.8	17.0	19.7
157.5°	0.9	4.5	9.0	14.3	17.0
160°	0.9	3.6	8.1	11.6	14.3
162.5°	0.9	3.6	7.2	9.9	12.5
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)