

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: P565921

Luminaire Tested: **2SNX-SL3-SLW-UNV-CC93-CD-5000K-HI**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565921
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-5000K-HI
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, HI LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

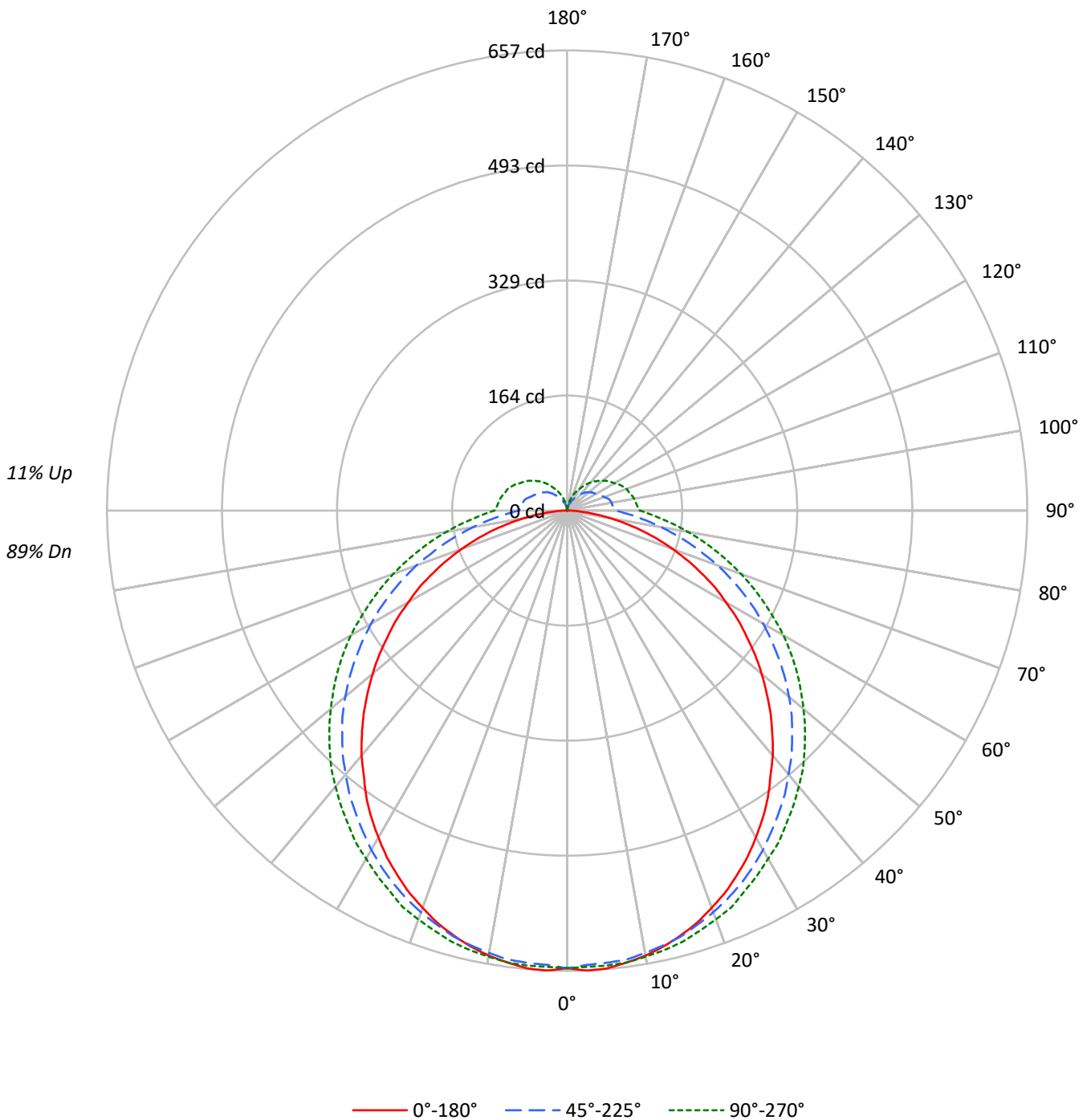
Lumens per Lamp: N/A
Luminaire Lumens: 2326.0 lumens
Efficiency: N/A
Efficacy: 115.1 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

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	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	77	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°	14066	14066	14066
5°	14127	13687	13692
10°	14004	13395	13353
15°	13838	13094	13041
20°	13620	12755	12693
25°	13373	12423	12331
30°	13083	12059	11971
35°	12764	11682	11634
40°	12403	11311	11311
45°	12011	10934	10962
50°	11565	10536	10571
55°	11073	10059	10187
60°	10500	9551	9759
65°	9893	8982	9218
70°	9057	8353	8690
75°	7958	7561	8106
80°	6222	6755	7530
85°	4054	6042	6939



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.1	2.7
10°-20°	178.4	7.7
20°-30°	271.2	11.7
30°-40°	329.2	14.2
40°-50°	347.9	15.0
50°-60°	325.6	14.0
60°-70°	267.1	11.5
70°-80°	183.7	7.9
80°-90°	100.6	4.3
90°-100°	64.8	2.8
100°-110°	58.1	2.5
110°-120°	48.1	2.1
120°-130°	37.1	1.6
130°-140°	26.0	1.1
140°-150°	15.7	0.7
150°-160°	7.5	0.3
160°-170°	2.5	0.1
170°-180°	0.3	0.0
0°-30°	511.7	22.0
0°-40°	840.9	36.2
0°-60°	1514.4	65.1
0°-90°	2065.9	88.8
90°-120°	171.1	7.4
90°-150°	249.8	10.7
90°-180°	260.0	11.2
0°-180°	2326.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	653	653	653	653	653	
5°	656	655	648	653	652	62
15°	628	630	629	637	637	177
25°	574	581	587	600	600	264
35°	500	512	527	542	546	312
45°	411	430	454	474	480	317
55°	312	338	369	392	400	280
65°	212	240	276	302	310	209
75°	110	140	180	209	218	116
85°	24	58	98	125	135	28
90°	0	32	69	94	104	2
95°	0	31	66	90	100	0
105°	0	26	62	85	93	1
115°	1	23	52	75	85	1
125°	1	19	44	65	73	1
135°	1	15	36	52	59	1
145°	1	11	26	40	44	1
155°	1	7	16	26	30	1
165°	1	4	8	12	15	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°	653.4	653.4	653.4	653.4	653.4
2.5°	657.4	656.1	649.3	654.7	652.0
5°	656.1	654.7	648.0	653.4	652.0
7.5°	650.7	650.7	646.6	652.0	650.7
10°	645.3	645.3	641.3	648.0	646.6
12.5°	637.2	638.6	635.9	643.9	642.6
15°	627.8	630.5	629.1	637.2	637.2
17.5°	617.0	619.7	619.7	629.1	629.1
20°	603.5	607.6	610.3	621.0	621.0
22.5°	590.1	595.5	599.5	608.9	613.0
25°	573.9	580.6	587.4	599.5	599.5
27.5°	557.7	565.8	573.9	586.0	587.4
30°	538.9	548.3	559.1	571.2	573.9
32.5°	520.0	532.1	542.9	557.7	561.8
35°	499.8	511.9	526.7	541.6	545.6
37.5°	476.9	491.7	510.6	526.7	530.8
40°	456.7	472.9	491.7	510.6	514.6
42.5°	433.8	451.3	474.2	491.7	498.5
45°	410.9	429.7	454.0	474.2	479.6
47.5°	386.6	408.2	435.1	454.0	460.7
50°	362.4	385.3	413.6	435.1	440.5
52.5°	338.1	362.4	392.0	413.6	420.3
55°	312.5	338.1	369.1	392.0	400.1
57.5°	288.3	313.9	346.2	370.5	378.6
60°	261.4	291.0	323.3	347.6	357.0
62.5°	238.4	265.4	300.4	324.7	332.8
65°	211.5	239.8	276.2	301.8	309.8
67.5°	185.9	215.5	251.9	278.9	286.9
70°	160.3	190.0	229.0	254.6	264.0
72.5°	134.7	165.7	203.4	231.7	241.1
75°	110.5	140.1	180.5	208.8	218.2
77.5°	84.9	117.2	157.6	185.9	196.7
80°	62.0	95.6	136.1	164.4	175.1
82.5°	41.8	75.4	115.9	144.1	154.9
85°	24.2	57.9	98.3	125.3	134.7
87.5°	12.1	44.5	82.2	109.1	118.6
90°	0.0	32.3	68.7	94.3	103.7
92.5°	0.0	31.0	67.4	91.6	101.0
95°	0.0	31.0	66.0	90.3	99.7
97.5°	0.0	29.6	64.7	90.3	98.3
100°	0.0	28.3	64.7	88.9	97.0
102.5°	0.0	26.9	63.3	87.6	95.6
105°	0.0	25.6	62.0	84.9	93.0
107.5°	1.3	25.6	59.3	83.5	91.6
110°	1.3	24.2	56.6	82.2	90.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.3	22.9	53.9	79.5	87.6
115°	1.3	22.9	52.5	75.4	84.9
117.5°	1.3	21.6	49.8	72.7	82.2
120°	1.3	21.6	48.5	70.1	78.1
122.5°	1.3	20.2	45.8	67.4	75.4
125°	1.3	18.9	44.5	64.7	72.7
127.5°	1.3	17.5	43.1	62.0	70.1
130°	1.3	16.2	40.4	59.3	66.0
132.5°	1.3	16.2	39.1	55.2	63.3
135°	1.3	14.8	36.4	52.5	59.3
137.5°	1.3	13.5	33.7	49.8	56.6
140°	1.3	12.1	31.0	47.2	52.5
142.5°	1.3	12.1	28.3	43.1	48.5
145°	1.3	10.8	25.6	40.4	44.5
147.5°	1.3	9.4	22.9	36.4	40.4
150°	1.3	9.4	20.2	32.3	36.4
152.5°	1.3	8.1	17.5	29.6	33.7
155°	1.3	6.7	16.2	25.6	29.6
157.5°	1.3	6.7	13.5	21.6	25.6
160°	1.3	5.4	12.1	17.5	21.6
162.5°	1.3	5.4	10.8	14.8	18.9
165°	1.3	4.0	8.1	12.1	14.8
167.5°	1.3	4.0	6.7	9.4	12.1
170°	1.3	2.7	5.4	6.7	9.4
172.5°	1.3	2.7	4.0	4.0	4.0
175°	1.3	1.3	2.7	2.7	1.3
177.5°	1.3	1.3	1.3	1.3	1.3
180°	1.3	1.3	1.3	1.3	1.3

(END OF REPORT)