

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: P565919

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565919
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-LOW
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, LOW LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

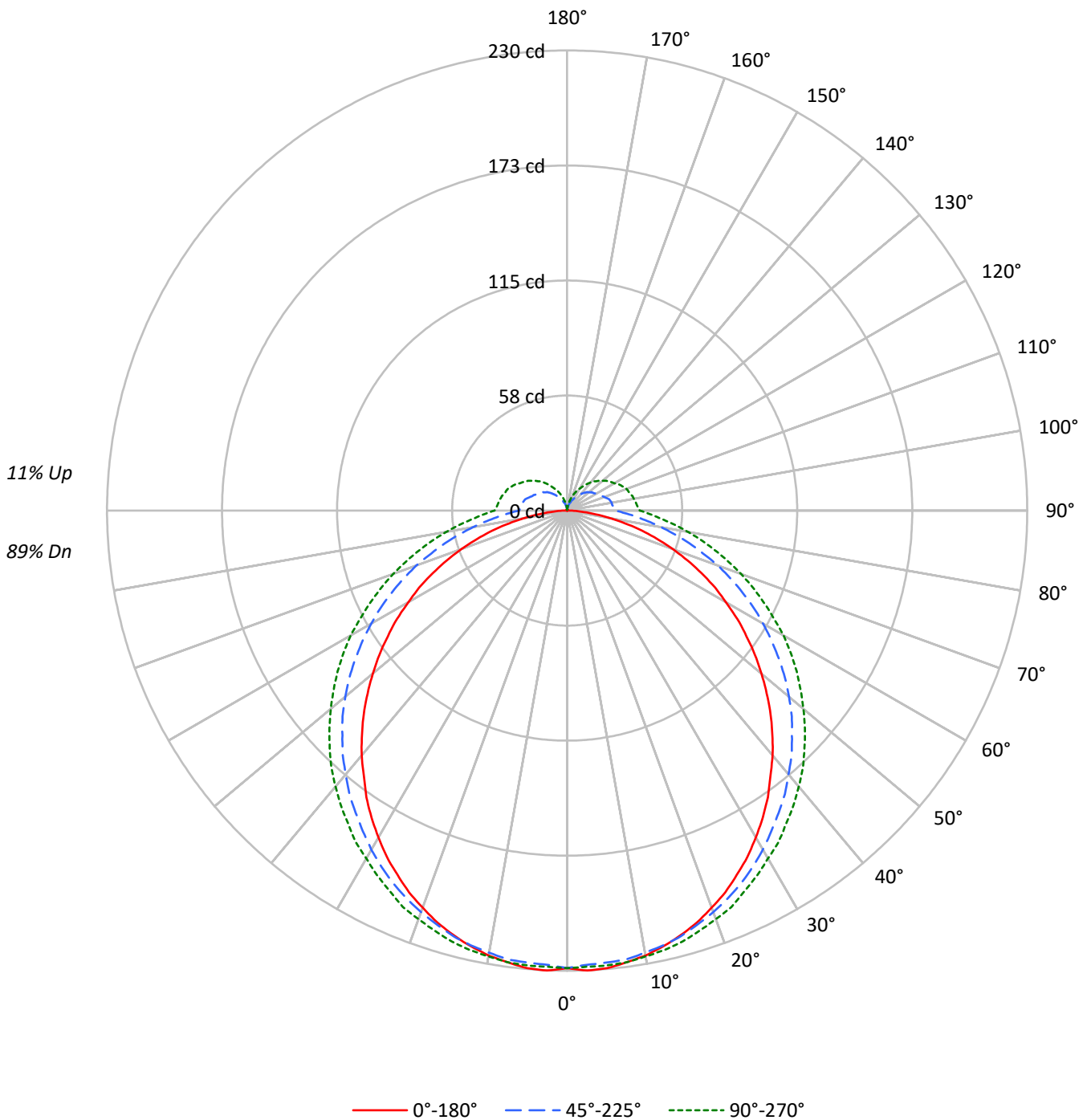
Lumens per Lamp: N/A
Luminaire Lumens: 814.0 lumens
Efficiency: N/A
Efficacy: 122.1 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 6.666
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	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°	4923	4923	4923
5°	4944	4790	4792
10°	4900	4687	4673
15°	4843	4583	4564
20°	4766	4464	4442
25°	4679	4348	4315
30°	4579	4221	4189
35°	4467	4088	4071
40°	4340	3959	3959
45°	4204	3827	3835
50°	4047	3686	3700
55°	3876	3521	3564
60°	3675	3341	3414
65°	3461	3141	3225
70°	3170	2922	3042
75°	2787	2647	2838
80°	2178	2363	2636
85°	1424	2114	2426



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.7	2.7
10°-20°	62.4	7.7
20°-30°	94.9	11.7
30°-40°	115.2	14.2
40°-50°	121.8	15.0
50°-60°	113.9	14.0
60°-70°	93.5	11.5
70°-80°	64.3	7.9
80°-90°	35.2	4.3
90°-100°	22.7	2.8
100°-110°	20.3	2.5
110°-120°	16.8	2.1
120°-130°	13.0	1.6
130°-140°	9.1	1.1
140°-150°	5.5	0.7
150°-160°	2.6	0.3
160°-170°	0.9	0.1
170°-180°	0.1	0.0
0°-30°	179.1	22.0
0°-40°	294.3	36.2
0°-60°	530.0	65.1
0°-90°	723.0	88.8
90°-120°	59.9	7.4
90°-150°	87.4	10.7
90°-180°	91.0	11.2
0°-180°	814.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	229	229	229	229	229	
5°	230	229	227	229	228	22
15°	220	221	220	223	223	62
25°	201	203	206	210	210	93
35°	175	179	184	190	191	109
45°	144	150	159	166	168	111
55°	109	118	129	137	140	98
65°	74	84	97	106	108	73
75°	39	49	63	73	76	41
85°	8	20	34	44	47	10
90°	0	11	24	33	36	1
95°	0	11	23	32	35	0
105°	0	9	22	30	32	0
115°	0	8	18	26	30	0
125°	0	7	16	23	26	0
135°	0	5	13	18	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°	228.7	228.7	228.7	228.7	228.7
2.5°	230.1	229.6	227.2	229.1	228.2
5°	229.6	229.1	226.8	228.7	228.2
7.5°	227.7	227.7	226.3	228.2	227.7
10°	225.8	225.8	224.4	226.8	226.3
12.5°	223.0	223.5	222.5	225.4	224.9
15°	219.7	220.6	220.2	223.0	223.0
17.5°	215.9	216.9	216.9	220.2	220.2
20°	211.2	212.6	213.6	217.3	217.3
22.5°	206.5	208.4	209.8	213.1	214.5
25°	200.8	203.2	205.6	209.8	209.8
27.5°	195.2	198.0	200.8	205.1	205.6
30°	188.6	191.9	195.7	199.9	200.8
32.5°	182.0	186.2	190.0	195.2	196.6
35°	174.9	179.2	184.3	189.5	190.9
37.5°	166.9	172.1	178.7	184.3	185.8
40°	159.8	165.5	172.1	178.7	180.1
42.5°	151.8	157.9	166.0	172.1	174.4
45°	143.8	150.4	158.9	166.0	167.8
47.5°	135.3	142.9	152.3	158.9	161.2
50°	126.8	134.8	144.7	152.3	154.2
52.5°	118.3	126.8	137.2	144.7	147.1
55°	109.4	118.3	129.2	137.2	140.0
57.5°	100.9	109.8	121.2	129.6	132.5
60°	91.5	101.8	113.1	121.6	124.9
62.5°	83.4	92.9	105.1	113.6	116.4
65°	74.0	83.9	96.6	105.6	108.4
67.5°	65.1	75.4	88.2	97.6	100.4
70°	56.1	66.5	80.1	89.1	92.4
72.5°	47.1	58.0	71.2	81.1	84.4
75°	38.7	49.0	63.2	73.1	76.4
77.5°	29.7	41.0	55.2	65.1	68.8
80°	21.7	33.5	47.6	57.5	61.3
82.5°	14.6	26.4	40.5	50.4	54.2
85°	8.5	20.3	34.4	43.8	47.1
87.5°	4.2	15.6	28.8	38.2	41.5
90°	0.0	11.3	24.0	33.0	36.3
92.5°	0.0	10.8	23.6	32.1	35.4
95°	0.0	10.8	23.1	31.6	34.9
97.5°	0.0	10.4	22.6	31.6	34.4
100°	0.0	9.9	22.6	31.1	33.9
102.5°	0.0	9.4	22.2	30.6	33.5
105°	0.0	9.0	21.7	29.7	32.5
107.5°	0.5	9.0	20.7	29.2	32.1
110°	0.5	8.5	19.8	28.8	31.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.5	8.0	18.9	27.8	30.6
115°	0.5	8.0	18.4	26.4	29.7
117.5°	0.5	7.5	17.4	25.5	28.8
120°	0.5	7.5	17.0	24.5	27.3
122.5°	0.5	7.1	16.0	23.6	26.4
125°	0.5	6.6	15.6	22.6	25.5
127.5°	0.5	6.1	15.1	21.7	24.5
130°	0.5	5.7	14.1	20.7	23.1
132.5°	0.5	5.7	13.7	19.3	22.2
135°	0.5	5.2	12.7	18.4	20.7
137.5°	0.5	4.7	11.8	17.4	19.8
140°	0.5	4.2	10.8	16.5	18.4
142.5°	0.5	4.2	9.9	15.1	17.0
145°	0.5	3.8	9.0	14.1	15.6
147.5°	0.5	3.3	8.0	12.7	14.1
150°	0.5	3.3	7.1	11.3	12.7
152.5°	0.5	2.8	6.1	10.4	11.8
155°	0.5	2.4	5.7	9.0	10.4
157.5°	0.5	2.4	4.7	7.5	9.0
160°	0.5	1.9	4.2	6.1	7.5
162.5°	0.5	1.9	3.8	5.2	6.6
165°	0.5	1.4	2.8	4.2	5.2
167.5°	0.5	1.4	2.4	3.3	4.2
170°	0.5	0.9	1.9	2.4	3.3
172.5°	0.5	0.9	1.4	1.4	1.4
175°	0.5	0.5	0.9	0.9	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)