

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: P565922

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565922
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-LOW
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, LOW LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

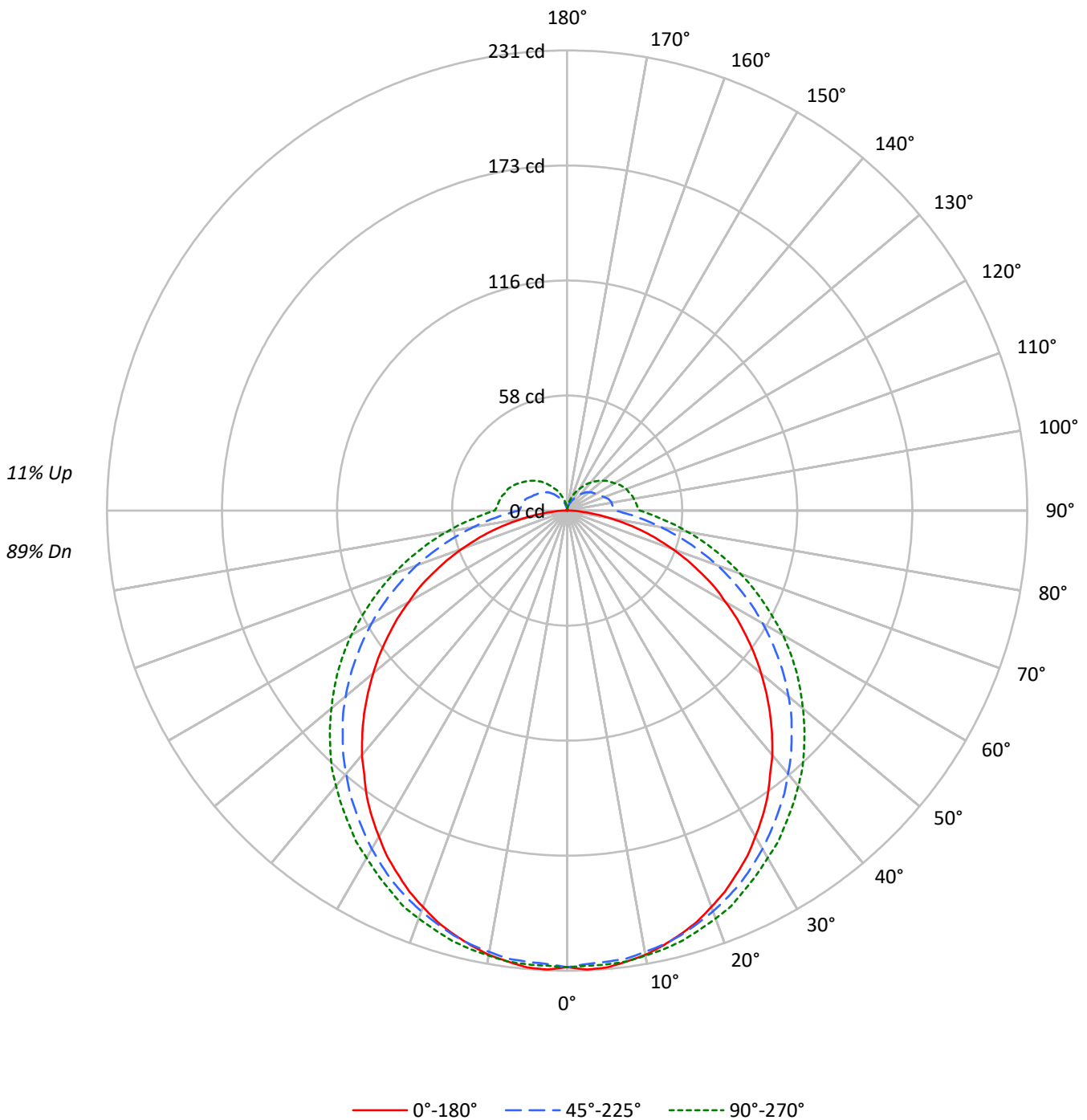
Lumens per Lamp: N/A
Luminaire Lumens: 816.0 lumens
Efficiency: N/A
Efficacy: 123.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 6.6
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°	4934	4934	4934
5°	4957	4801	4803
10°	4913	4700	4686
15°	4854	4594	4574
20°	4778	4475	4454
25°	4691	4359	4326
30°	4588	4230	4199
35°	4477	4099	4081
40°	4351	3968	3967
45°	4212	3837	3844
50°	4056	3696	3707
55°	3883	3529	3575
60°	3683	3350	3422
65°	3471	3151	3234
70°	3175	2929	3048
75°	2794	2652	2846
80°	2178	2367	2640
85°	1424	2120	2437



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.8	2.7
10°-20°	62.6	7.7
20°-30°	95.2	11.7
30°-40°	115.5	14.2
40°-50°	122.1	15.0
50°-60°	114.2	14.0
60°-70°	93.7	11.5
70°-80°	64.5	7.9
80°-90°	35.3	4.3
90°-100°	22.7	2.8
100°-110°	20.4	2.5
110°-120°	16.9	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°	179.5	22.0
0°-40°	295.0	36.2
0°-60°	531.3	65.1
0°-90°	724.8	88.8
90°-120°	60.0	7.4
90°-150°	87.7	10.7
90°-180°	91.0	11.2
0°-180°	816.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	229	229	229	229	229	
5°	230	230	227	229	229	22
15°	220	221	221	224	224	62
25°	201	204	206	210	210	93
35°	175	180	185	190	191	110
45°	144	151	159	166	168	111
55°	110	119	130	138	140	98
65°	74	84	97	106	109	73
75°	39	49	63	73	77	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	33	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°	229.2	229.2	229.2	229.2	229.2
2.5°	230.6	230.2	227.8	229.7	228.7
5°	230.2	229.7	227.3	229.2	228.7
7.5°	228.3	228.3	226.9	228.7	228.3
10°	226.4	226.4	225.0	227.3	226.9
12.5°	223.5	224.0	223.1	225.9	225.4
15°	220.2	221.2	220.7	223.5	223.5
17.5°	216.5	217.4	217.4	220.7	220.7
20°	211.7	213.1	214.1	217.9	217.9
22.5°	207.0	208.9	210.3	213.6	215.0
25°	201.3	203.7	206.1	210.3	210.3
27.5°	195.7	198.5	201.3	205.6	206.1
30°	189.0	192.4	196.1	200.4	201.3
32.5°	182.4	186.7	190.5	195.7	197.1
35°	175.3	179.6	184.8	190.0	191.4
37.5°	167.3	172.5	179.1	184.8	186.2
40°	160.2	165.9	172.5	179.1	180.5
42.5°	152.2	158.3	166.4	172.5	174.9
45°	144.1	150.8	159.3	166.4	168.2
47.5°	135.6	143.2	152.7	159.3	161.6
50°	127.1	135.2	145.1	152.7	154.5
52.5°	118.6	127.1	137.5	145.1	147.5
55°	109.6	118.6	129.5	137.5	140.4
57.5°	101.1	110.1	121.5	130.0	132.8
60°	91.7	102.1	113.4	121.9	125.2
62.5°	83.7	93.1	105.4	113.9	116.7
65°	74.2	84.1	96.9	105.9	108.7
67.5°	65.2	75.6	88.4	97.8	100.7
70°	56.2	66.6	80.3	89.3	92.6
72.5°	47.3	58.1	71.4	81.3	84.6
75°	38.8	49.2	63.3	73.3	76.6
77.5°	29.8	41.1	55.3	65.2	69.0
80°	21.7	33.6	47.7	57.7	61.4
82.5°	14.7	26.5	40.6	50.6	54.4
85°	8.5	20.3	34.5	44.0	47.3
87.5°	4.3	15.6	28.8	38.3	41.6
90°	0.0	11.3	24.1	33.1	36.4
92.5°	0.0	10.9	23.6	32.1	35.4
95°	0.0	10.9	23.2	31.7	35.0
97.5°	0.0	10.4	22.7	31.7	34.5
100°	0.0	9.9	22.7	31.2	34.0
102.5°	0.0	9.5	22.2	30.7	33.6
105°	0.0	9.0	21.7	29.8	32.6
107.5°	0.5	9.0	20.8	29.3	32.1
110°	0.5	8.5	19.8	28.8	31.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.5	8.0	18.9	27.9	30.7
115°	0.5	8.0	18.4	26.5	29.8
117.5°	0.5	7.6	17.5	25.5	28.8
120°	0.5	7.6	17.0	24.6	27.4
122.5°	0.5	7.1	16.1	23.6	26.5
125°	0.5	6.6	15.6	22.7	25.5
127.5°	0.5	6.1	15.1	21.7	24.6
130°	0.5	5.7	14.2	20.8	23.2
132.5°	0.5	5.7	13.7	19.4	22.2
135°	0.5	5.2	12.8	18.4	20.8
137.5°	0.5	4.7	11.8	17.5	19.8
140°	0.5	4.3	10.9	16.5	18.4
142.5°	0.5	4.3	9.9	15.1	17.0
145°	0.5	3.8	9.0	14.2	15.6
147.5°	0.5	3.3	8.0	12.8	14.2
150°	0.5	3.3	7.1	11.3	12.8
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	7.6	9.0
160°	0.5	1.9	4.3	6.1	7.6
162.5°	0.5	1.9	3.8	5.2	6.6
165°	0.5	1.4	2.8	4.3	5.2
167.5°	0.5	1.4	2.4	3.3	4.3
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)