

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: P565534

Luminaire Tested: **2SNX-19SL-SLW-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565534
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-19SL-SLW-UNV-L930-CD
Description: 2FT 1900 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

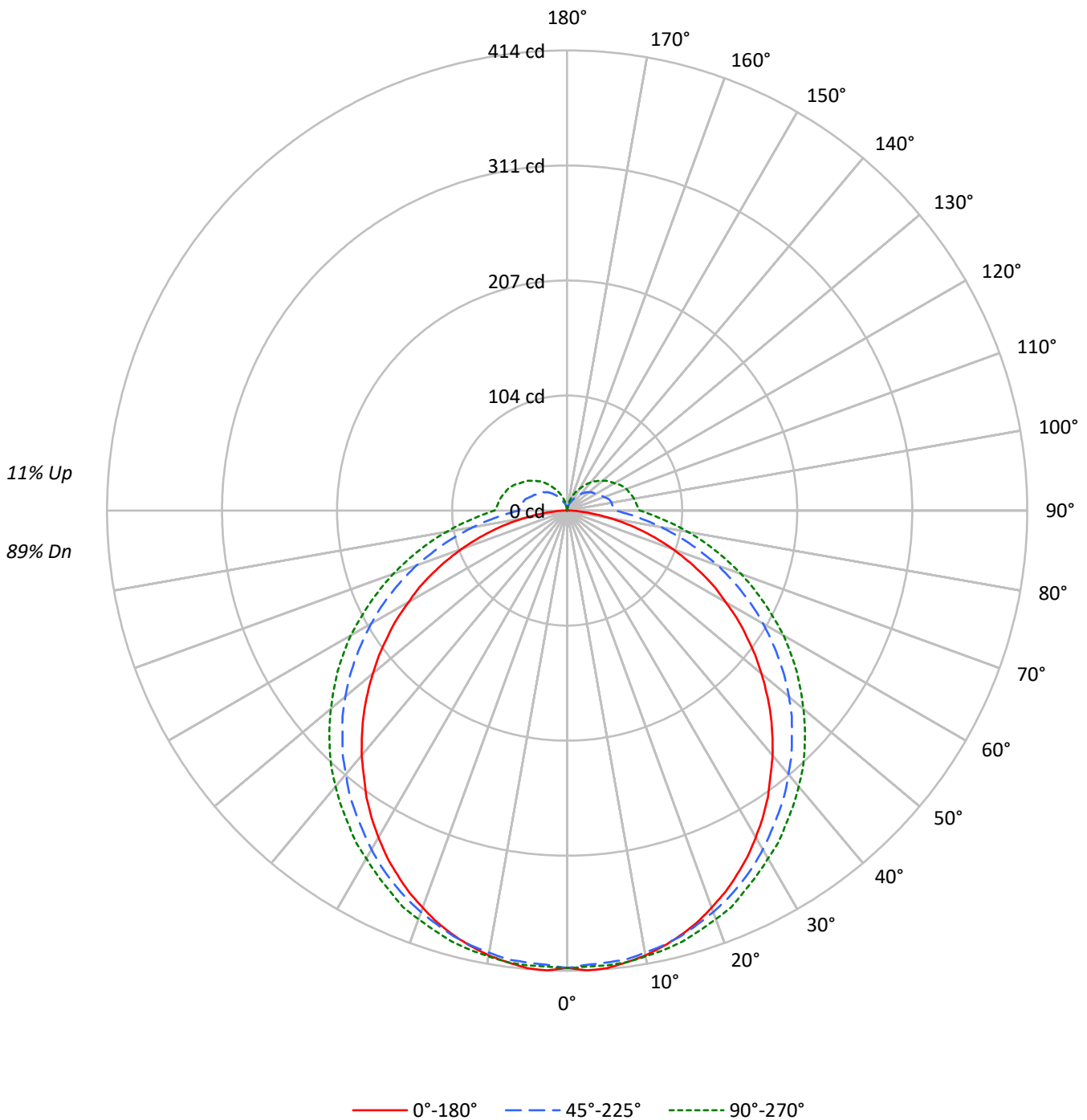
Lumens per Lamp: N/A
Luminaire Lumens: 1464.9 lumens
Efficiency: N/A
Efficacy: 122.1 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 12
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°	8859	8859	8859
5°	8897	8620	8625
10°	8819	8436	8411
15°	8715	8247	8213
20°	8578	8034	7996
25°	8424	7823	7767
30°	8239	7595	7541
35°	8040	7359	7327
40°	7810	7125	7124
45°	7565	6886	6905
50°	7283	6636	6659
55°	6977	6336	6416
60°	6612	6015	6148
65°	6231	5655	5808
70°	5707	5260	5474
75°	5013	4763	5108
80°	3914	4254	4743
85°	2563	3805	4368



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.1	2.7
10°-20°	112.3	7.7
20°-30°	170.8	11.7
30°-40°	207.4	14.2
40°-50°	219.1	15.0
50°-60°	205.1	14.0
60°-70°	168.2	11.5
70°-80°	115.7	7.9
80°-90°	63.4	4.3
90°-100°	40.8	2.8
100°-110°	36.6	2.5
110°-120°	30.3	2.1
120°-130°	23.3	1.6
130°-140°	16.4	1.1
140°-150°	9.9	0.7
150°-160°	4.7	0.3
160°-170°	1.5	0.1
170°-180°	0.2	0.0
0°-30°	322.3	22.0
0°-40°	529.6	36.2
0°-60°	953.8	65.1
0°-90°	1301.2	88.8
90°-120°	107.7	7.4
90°-150°	157.3	10.7
90°-180°	164.0	11.2
0°-180°	1464.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	412	412	412	412	412	
5°	413	412	408	412	411	39
15°	395	397	396	401	401	111
25°	362	366	370	378	378	167
35°	315	322	332	341	344	197
45°	259	271	286	299	302	199
55°	197	213	232	247	252	176
65°	133	151	174	190	195	132
75°	70	88	114	132	138	73
85°	15	36	62	79	85	18
90°	0	20	43	59	65	1
95°	0	20	42	57	63	0
105°	0	16	39	54	58	1
115°	1	14	33	48	54	1
125°	1	12	28	41	46	1
135°	1	9	23	33	37	1
145°	1	7	16	26	28	1
155°	1	4	10	16	19	0
165°	1	2	5	8	9	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°	411.5	411.5	411.5	411.5	411.5
2.5°	414.1	413.2	409.0	412.4	410.7
5°	413.2	412.4	408.1	411.5	410.7
7.5°	409.8	409.8	407.3	410.7	409.8
10°	406.4	406.4	403.9	408.1	407.3
12.5°	401.3	402.2	400.5	405.6	404.7
15°	395.4	397.1	396.2	401.3	401.3
17.5°	388.6	390.3	390.3	396.2	396.2
20°	380.1	382.7	384.4	391.2	391.2
22.5°	371.6	375.0	377.6	383.5	386.1
25°	361.5	365.7	369.9	377.6	377.6
27.5°	351.3	356.4	361.5	369.1	369.9
30°	339.4	345.3	352.1	359.8	361.5
32.5°	327.5	335.2	341.9	351.3	353.8
35°	314.8	322.4	331.8	341.1	343.6
37.5°	300.4	309.7	321.6	331.8	334.3
40°	287.6	297.8	309.7	321.6	324.1
42.5°	273.2	284.2	298.7	309.7	313.9
45°	258.8	270.7	285.9	298.7	302.1
47.5°	243.5	257.1	274.1	285.9	290.2
50°	228.2	242.7	260.5	274.1	277.5
52.5°	213.0	228.2	246.9	260.5	264.7
55°	196.9	213.0	232.5	246.9	252.0
57.5°	181.6	197.7	218.1	233.3	238.4
60°	164.6	183.3	203.6	218.9	224.9
62.5°	150.2	167.2	189.2	204.5	209.6
65°	133.2	151.0	173.9	190.1	195.2
67.5°	117.1	135.8	158.7	175.6	180.7
70°	101.0	119.6	144.2	160.4	166.3
72.5°	84.8	104.4	128.1	145.9	151.9
75°	69.6	88.2	113.7	131.5	137.5
77.5°	53.5	73.8	99.3	117.1	123.9
80°	39.0	60.2	85.7	103.5	110.3
82.5°	26.3	47.5	73.0	90.8	97.6
85°	15.3	36.5	61.9	78.9	84.8
87.5°	7.6	28.0	51.8	68.7	74.7
90°	0.0	20.4	43.3	59.4	65.3
92.5°	0.0	19.5	42.4	57.7	63.6
95°	0.0	19.5	41.6	56.8	62.8
97.5°	0.0	18.7	40.7	56.8	61.9
100°	0.0	17.8	40.7	56.0	61.1
102.5°	0.0	17.0	39.9	55.2	60.2
105°	0.0	16.1	39.0	53.5	58.5
107.5°	0.8	16.1	37.3	52.6	57.7
110°	0.8	15.3	35.6	51.8	56.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.8	14.4	33.9	50.1	55.2
115°	0.8	14.4	33.1	47.5	53.5
117.5°	0.8	13.6	31.4	45.8	51.8
120°	0.8	13.6	30.5	44.1	49.2
122.5°	0.8	12.7	28.8	42.4	47.5
125°	0.8	11.9	28.0	40.7	45.8
127.5°	0.8	11.0	27.2	39.0	44.1
130°	0.8	10.2	25.5	37.3	41.6
132.5°	0.8	10.2	24.6	34.8	39.9
135°	0.8	9.3	22.9	33.1	37.3
137.5°	0.8	8.5	21.2	31.4	35.6
140°	0.8	7.6	19.5	29.7	33.1
142.5°	0.8	7.6	17.8	27.2	30.5
145°	0.8	6.8	16.1	25.5	28.0
147.5°	0.8	5.9	14.4	22.9	25.5
150°	0.8	5.9	12.7	20.4	22.9
152.5°	0.8	5.1	11.0	18.7	21.2
155°	0.8	4.2	10.2	16.1	18.7
157.5°	0.8	4.2	8.5	13.6	16.1
160°	0.8	3.4	7.6	11.0	13.6
162.5°	0.8	3.4	6.8	9.3	11.9
165°	0.8	2.5	5.1	7.6	9.3
167.5°	0.8	2.5	4.2	5.9	7.6
170°	0.8	1.7	3.4	4.2	5.9
172.5°	0.8	1.7	2.5	2.5	2.5
175°	0.8	0.8	1.7	1.7	0.8
177.5°	0.8	0.8	0.8	0.8	0.8
180°	0.8	0.8	0.8	0.8	0.8

(END OF REPORT)