

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: P565535

Luminaire Tested: **2SNX-19SL-SLW-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565535
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-L935-CD
Description: 2FT 1900 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

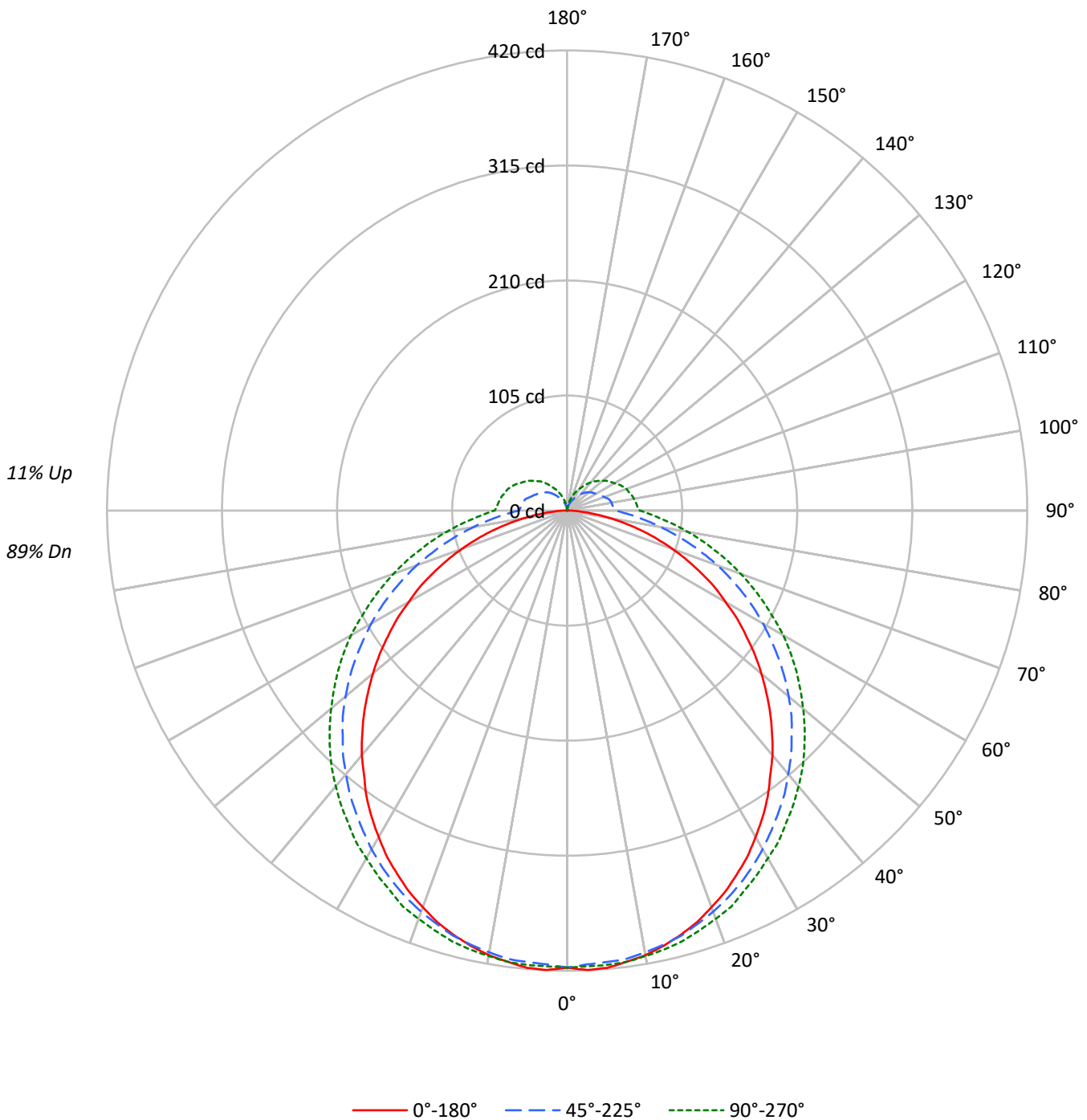
Lumens per Lamp: N/A
Luminaire Lumens: 1485.0 lumens
Efficiency: N/A
Efficacy: 123.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

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	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°	8979	8979	8979
5°	9020	8738	8742
10°	8941	8551	8525
15°	8834	8361	8326
20°	8696	8143	8104
25°	8538	7931	7872
30°	8351	7698	7643
35°	8149	7459	7427
40°	7919	7221	7222
45°	7668	6980	6999
50°	7385	6725	6748
55°	7069	6424	6503
60°	6704	6097	6230
65°	6315	5733	5885
70°	5780	5333	5550
75°	5078	4830	5175
80°	3974	4313	4808
85°	2597	3860	4430



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.6	2.7
10°-20°	113.9	7.7
20°-30°	173.2	11.7
30°-40°	210.2	14.2
40°-50°	222.1	15.0
50°-60°	207.9	14.0
60°-70°	170.5	11.5
70°-80°	117.3	7.9
80°-90°	64.3	4.3
90°-100°	41.4	2.8
100°-110°	37.1	2.5
110°-120°	30.7	2.1
120°-130°	23.7	1.6
130°-140°	16.6	1.1
140°-150°	10.0	0.7
150°-160°	4.8	0.3
160°-170°	1.6	0.1
170°-180°	0.2	0.0
0°-30°	326.7	22.0
0°-40°	536.9	36.2
0°-60°	966.8	65.1
0°-90°	1318.9	88.8
90°-120°	109.2	7.4
90°-150°	159.5	10.7
90°-180°	166.0	11.2
0°-180°	1485.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	417	417	417	417	417	
5°	419	418	414	417	416	40
15°	401	402	402	407	407	113
25°	366	371	375	383	383	169
35°	319	327	336	346	348	199
45°	262	274	290	303	306	202
55°	200	216	236	250	255	179
65°	135	153	176	193	198	134
75°	70	89	115	133	139	74
85°	16	37	63	80	86	18
90°	0	21	44	60	66	1
95°	0	20	42	58	64	0
105°	0	16	40	54	59	1
115°	1	15	34	48	54	1
125°	1	12	28	41	46	1
135°	1	10	23	34	38	1
145°	1	7	16	26	28	1
155°	1	4	10	16	19	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°	417.1	417.1	417.1	417.1	417.1
2.5°	419.7	418.9	414.6	418.0	416.3
5°	418.9	418.0	413.7	417.1	416.3
7.5°	415.4	415.4	412.8	416.3	415.4
10°	412.0	412.0	409.4	413.7	412.8
12.5°	406.8	407.7	406.0	411.1	410.3
15°	400.8	402.5	401.7	406.8	406.8
17.5°	393.9	395.6	395.6	401.7	401.7
20°	385.3	387.9	389.6	396.5	396.5
22.5°	376.7	380.2	382.7	388.8	391.3
25°	366.4	370.7	375.0	382.7	382.7
27.5°	356.1	361.2	366.4	374.1	375.0
30°	344.0	350.1	356.9	364.7	366.4
32.5°	332.0	339.7	346.6	356.1	358.7
35°	319.1	326.8	336.3	345.8	348.3
37.5°	304.5	313.9	326.0	336.3	338.9
40°	291.6	301.9	313.9	326.0	328.6
42.5°	276.9	288.1	302.7	313.9	318.2
45°	262.3	274.4	289.8	302.7	306.2
47.5°	246.8	260.6	277.8	289.8	294.1
50°	231.4	246.0	264.0	277.8	281.2
52.5°	215.9	231.4	250.3	264.0	268.3
55°	199.5	215.9	235.7	250.3	255.4
57.5°	184.1	200.4	221.0	236.5	241.7
60°	166.9	185.8	206.4	221.9	227.9
62.5°	152.2	169.4	191.8	207.3	212.4
65°	135.0	153.1	176.3	192.7	197.8
67.5°	118.7	137.6	160.8	178.0	183.2
70°	102.3	121.3	146.2	162.6	168.6
72.5°	86.0	105.8	129.9	147.9	154.0
75°	70.5	89.4	115.3	133.3	139.3
77.5°	54.2	74.8	100.6	118.7	125.6
80°	39.6	61.1	86.9	104.9	111.8
82.5°	26.7	48.2	74.0	92.0	98.9
85°	15.5	37.0	62.8	80.0	86.0
87.5°	7.7	28.4	52.5	69.7	75.7
90°	0.0	20.6	43.9	60.2	66.2
92.5°	0.0	19.8	43.0	58.5	64.5
95°	0.0	19.8	42.1	57.6	63.6
97.5°	0.0	18.9	41.3	57.6	62.8
100°	0.0	18.1	41.3	56.8	61.9
102.5°	0.0	17.2	40.4	55.9	61.1
105°	0.0	16.3	39.6	54.2	59.3
107.5°	0.9	16.3	37.8	53.3	58.5
110°	0.9	15.5	36.1	52.5	57.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.9	14.6	34.4	50.7	55.9
115°	0.9	14.6	33.5	48.2	54.2
117.5°	0.9	13.8	31.8	46.4	52.5
120°	0.9	13.8	31.0	44.7	49.9
122.5°	0.9	12.9	29.2	43.0	48.2
125°	0.9	12.0	28.4	41.3	46.4
127.5°	0.9	11.2	27.5	39.6	44.7
130°	0.9	10.3	25.8	37.8	42.1
132.5°	0.9	10.3	24.9	35.3	40.4
135°	0.9	9.5	23.2	33.5	37.8
137.5°	0.9	8.6	21.5	31.8	36.1
140°	0.9	7.7	19.8	30.1	33.5
142.5°	0.9	7.7	18.1	27.5	31.0
145°	0.9	6.9	16.3	25.8	28.4
147.5°	0.9	6.0	14.6	23.2	25.8
150°	0.9	6.0	12.9	20.6	23.2
152.5°	0.9	5.2	11.2	18.9	21.5
155°	0.9	4.3	10.3	16.3	18.9
157.5°	0.9	4.3	8.6	13.8	16.3
160°	0.9	3.4	7.7	11.2	13.8
162.5°	0.9	3.4	6.9	9.5	12.0
165°	0.9	2.6	5.2	7.7	9.5
167.5°	0.9	2.6	4.3	6.0	7.7
170°	0.9	1.7	3.4	4.3	6.0
172.5°	0.9	1.7	2.6	2.6	2.6
175°	0.9	0.9	1.7	1.7	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)