

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: P565662

Luminaire Tested: **2SNX-30SL-LN-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565662
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-6)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNX-30SL-LN-UNV-L930-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LN LENS
Light Source: -
Ballast/Driver: -

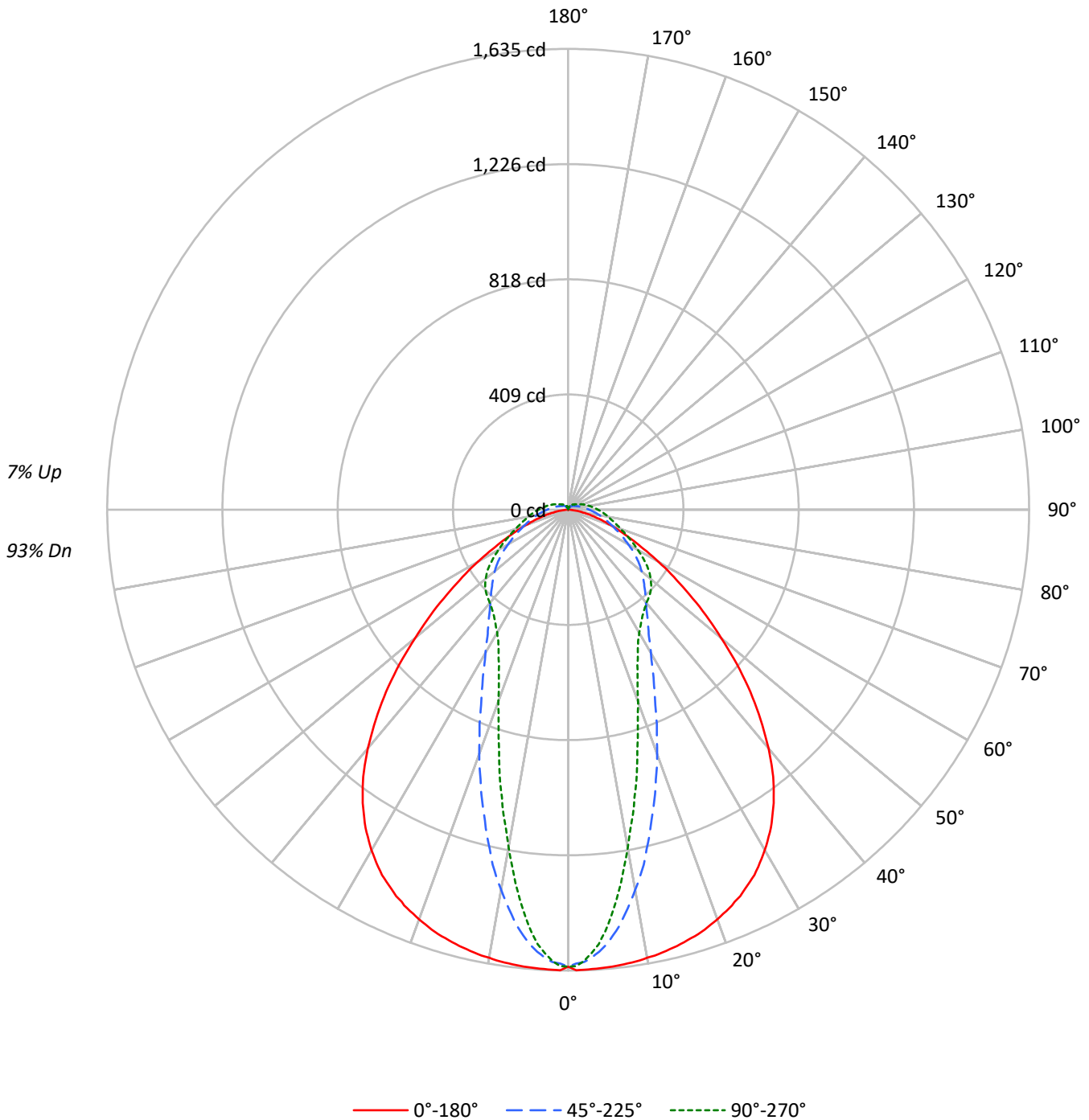
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2584.0 lumens
Efficiency: N/A
Efficacy: 123.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Direct

Input Watts (W): 21
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

TEST NUMBER: P565662
CATALOG NUMBER: 2SNX-30SL-LN-UNV-L930-CD

Luminous Intensity Polar Plot





TEST NUMBER: P565662

CATALOG NUMBER: 2SNX-30SL-LN-UNV-L930-CD

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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93				
1	107	103	99	95	104	100	96	93	94	91	88	89	87	85	85	83	81	78				
2	99	91	84	79	95	88	82	77	84	79	75	79	75	72	76	72	69	67				
3	91	81	73	67	88	79	72	66	75	69	64	71	66	62	68	64	60	58				
4	84	73	64	58	81	71	63	57	67	61	56	64	59	54	62	57	53	51				
5	78	66	57	51	75	64	56	51	61	55	49	59	53	48	56	51	47	45				
6	72	60	51	45	70	59	51	45	56	49	44	54	48	43	52	46	42	40				
7	67	55	47	41	65	54	46	41	52	45	40	50	44	39	48	42	38	36				
8	63	51	43	37	61	50	42	37	48	41	36	46	40	36	44	39	35	33				
9	59	47	39	34	58	46	39	34	44	38	33	43	37	33	41	36	32	30				
10	56	44	36	31	54	43	36	31	41	35	31	40	34	30	39	34	30	28				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	34897	34897	34897
5°	34950	31994	30694
10°	34775	27369	23815
15°	34630	22277	17849
20°	34386	17709	13357
25°	33936	13849	10600
30°	33083	11185	9043
35°	31544	9446	8226
40°	29026	8322	7785
45°	25652	7598	7544
50°	21579	6975	7127
55°	17579	6305	6510
60°	13910	5532	5709
65°	10653	4841	4969
70°	8113	4268	4395
75°	6103	3819	4004
80°	4108	3477	3721
85°	2062	3221	3570



TEST NUMBER: P565662

CATALOG NUMBER: 2SNX-30SL-LN-UNV-L930-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.6	5.6
10°-20°	336.5	13.0
20°-30°	399.4	15.5
30°-40°	401.8	15.6
40°-50°	373.5	14.5
50°-60°	307.6	11.9
60°-70°	216.7	8.4
70°-80°	141.6	5.5
80°-90°	90.4	3.5
90°-100°	59.3	2.3
100°-110°	40.3	1.6
110°-120°	27.6	1.1
120°-130°	19.1	0.7
130°-140°	12.8	0.5
140°-150°	7.9	0.3
150°-160°	4.1	0.2
160°-170°	1.5	0.1
170°-180°	0.3	0.0
0°-30°	879.4	34.0
0°-40°	1281.3	49.6
0°-60°	1962.4	75.9
0°-90°	2411.2	93.3
90°-120°	127.1	4.9
90°-150°	167.0	6.5
90°-180°	173.0	6.7
0°-180°	2584.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1621	1621	1621	1621	1621	
5°	1629	1608	1549	1520	1503	155
15°	1588	1419	1142	998	944	449
25°	1484	1097	727	611	585	683
35°	1270	742	493	462	459	790
45°	913	489	382	402	413	701
55°	524	321	295	328	339	473
65°	246	194	203	229	237	250
75°	96	100	137	161	168	104
85°	16	46	92	119	125	20
90°	0	31	74	102	106	1
95°	0	23	62	85	89	0
105°	0	16	42	60	65	0
115°	1	14	30	43	46	1
125°	1	11	24	31	34	1
135°	1	10	19	24	26	1
145°	1	7	14	19	20	1
155°	1	5	10	14	15	1
165°	1	3	5	7	8	0
175°	3	3	3	3	1	0
180°	1	1	1	1	1	



TEST NUMBER: P565662

CATALOG NUMBER: 2SNX-30SL-LN-UNV-L930-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1621.0	1621.0	1621.0	1621.0	1621.0
1°	1634.6	1627.8	1610.2	1622.4	1619.7
2°	1633.2	1626.4	1606.1	1611.5	1602.1
3°	1631.9	1622.4	1591.2	1589.9	1576.3
4°	1630.5	1615.6	1572.3	1556.0	1545.2
5°	1629.1	1607.5	1549.2	1519.5	1503.2
6°	1627.8	1598.0	1519.5	1474.8	1451.7
7°	1625.1	1583.1	1488.3	1427.4	1397.6
8°	1622.4	1569.6	1449.0	1375.9	1339.3
9°	1619.7	1552.0	1409.8	1320.4	1277.0
10°	1614.2	1534.3	1369.1	1263.5	1217.5
11°	1611.5	1514.0	1329.9	1209.3	1155.2
12°	1606.1	1492.4	1287.9	1152.5	1105.1
13°	1600.7	1469.3	1236.4	1103.7	1046.8
14°	1595.3	1445.0	1191.7	1049.5	996.7
15°	1588.5	1419.2	1141.6	998.1	943.9
16°	1581.7	1389.4	1096.9	945.3	888.4
17°	1575.0	1361.0	1054.9	896.5	845.0
18°	1566.9	1332.6	1006.2	849.1	799.0
19°	1556.0	1300.1	966.9	805.8	759.7
20°	1546.5	1270.3	922.2	765.1	724.5
21°	1535.7	1233.7	877.5	727.2	686.6
22.5°	1519.5	1182.2	820.7	679.8	641.9
23°	1511.3	1167.4	797.6	662.2	629.7
24°	1500.5	1128.1	759.7	635.1	602.6
25°	1484.2	1096.9	727.2	610.8	585.0
26°	1469.3	1059.0	694.7	589.1	563.4
27°	1454.4	1022.4	666.3	566.1	544.4
28°	1435.5	984.5	635.1	547.1	528.2
29°	1415.2	949.3	609.4	530.9	516.0
30°	1394.9	910.0	587.7	516.0	503.8
32.5°	1338.0	823.4	532.2	487.5	479.4
35°	1270.3	742.1	492.9	461.8	459.1
37.5°	1194.4	667.6	457.7	441.5	444.2
40°	1105.1	599.9	427.9	426.6	432.0
42.5°	1010.3	541.7	404.9	414.4	422.5
45°	912.8	488.9	381.9	402.2	413.0
47.5°	811.2	442.8	361.6	387.3	399.5
50°	708.3	398.1	339.9	369.7	381.9
52.5°	616.2	358.9	318.2	349.4	362.9
55°	524.1	321.0	295.2	327.7	338.6
57.5°	444.2	285.7	270.8	303.3	311.5
60°	369.7	251.9	246.5	276.3	285.7
62.5°	302.0	222.1	223.4	251.9	261.4
65°	246.5	193.7	203.1	228.9	237.0



TEST NUMBER: P565662

CATALOG NUMBER: 2SNX-30SL-LN-UNV-L930-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	200.4	166.6	182.8	209.9	216.7
70°	158.4	142.2	166.6	190.9	197.7
72.5°	125.9	120.5	150.3	176.1	181.5
75°	96.2	100.2	136.8	161.2	167.9
77.5°	69.1	84.0	123.2	149.0	154.4
80°	48.8	69.1	112.4	138.1	143.5
82.5°	31.1	56.9	101.6	128.7	134.1
85°	16.3	46.0	92.1	119.2	124.6
87.5°	6.8	37.9	82.6	109.7	115.1
90°	0.0	31.1	74.5	101.6	105.6
92.5°	0.0	27.1	67.7	93.4	97.5
95°	0.0	23.0	62.3	85.3	89.4
97.5°	0.0	21.7	55.5	78.5	82.6
100°	0.0	19.0	50.1	71.8	77.2
102.5°	0.0	17.6	46.0	65.0	70.4
105°	0.0	16.3	42.0	59.6	65.0
107.5°	0.0	14.9	39.3	55.5	59.6
110°	0.0	14.9	35.2	51.5	55.5
112.5°	1.4	13.5	32.5	46.0	50.1
115°	1.4	13.5	29.8	43.3	46.0
117.5°	1.4	13.5	28.4	39.3	42.0
120°	1.4	12.2	27.1	36.6	39.3
122.5°	1.4	12.2	25.7	33.9	35.2
125°	1.4	10.8	24.4	31.1	33.9
127.5°	1.4	10.8	23.0	29.8	31.1
130°	1.4	10.8	21.7	27.1	29.8
132.5°	1.4	9.5	20.3	25.7	27.1
135°	1.4	9.5	19.0	24.4	25.7
137.5°	1.4	8.1	17.6	23.0	24.4
140°	1.4	8.1	16.3	21.7	23.0
142.5°	1.4	6.8	14.9	20.3	21.7
145°	1.4	6.8	13.5	19.0	20.3
147.5°	1.4	6.8	12.2	17.6	19.0
150°	1.4	5.4	10.8	16.3	17.6
152.5°	1.4	5.4	9.5	14.9	16.3
155°	1.4	5.4	9.5	13.5	14.9
157.5°	1.4	4.1	8.1	10.8	13.5
160°	1.4	4.1	6.8	9.5	12.2
162.5°	1.4	4.1	6.8	8.1	9.5
165°	1.4	2.7	5.4	6.8	8.1
167.5°	1.4	2.7	4.1	5.4	6.8
170°	1.4	2.7	4.1	4.1	5.4
172.5°	1.4	2.7	2.7	2.7	2.7
175°	2.7	2.7	2.7	2.7	1.4
177.5°	2.7	2.7	2.7	1.4	1.4



TEST NUMBER: P565662

CATALOG NUMBER: 2SNX-30SL-LN-UNV-L930-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.4	1.4	1.4	1.4	1.4

(END OF REPORT)