

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: P566714

Luminaire Tested: **4SNX-67SL-FDL-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566714
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-15)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-67SL-FDL-UNV-L930-CD
Description: 4FT 6700 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND FDL LENS
Light Source: -
Ballast/Driver: -

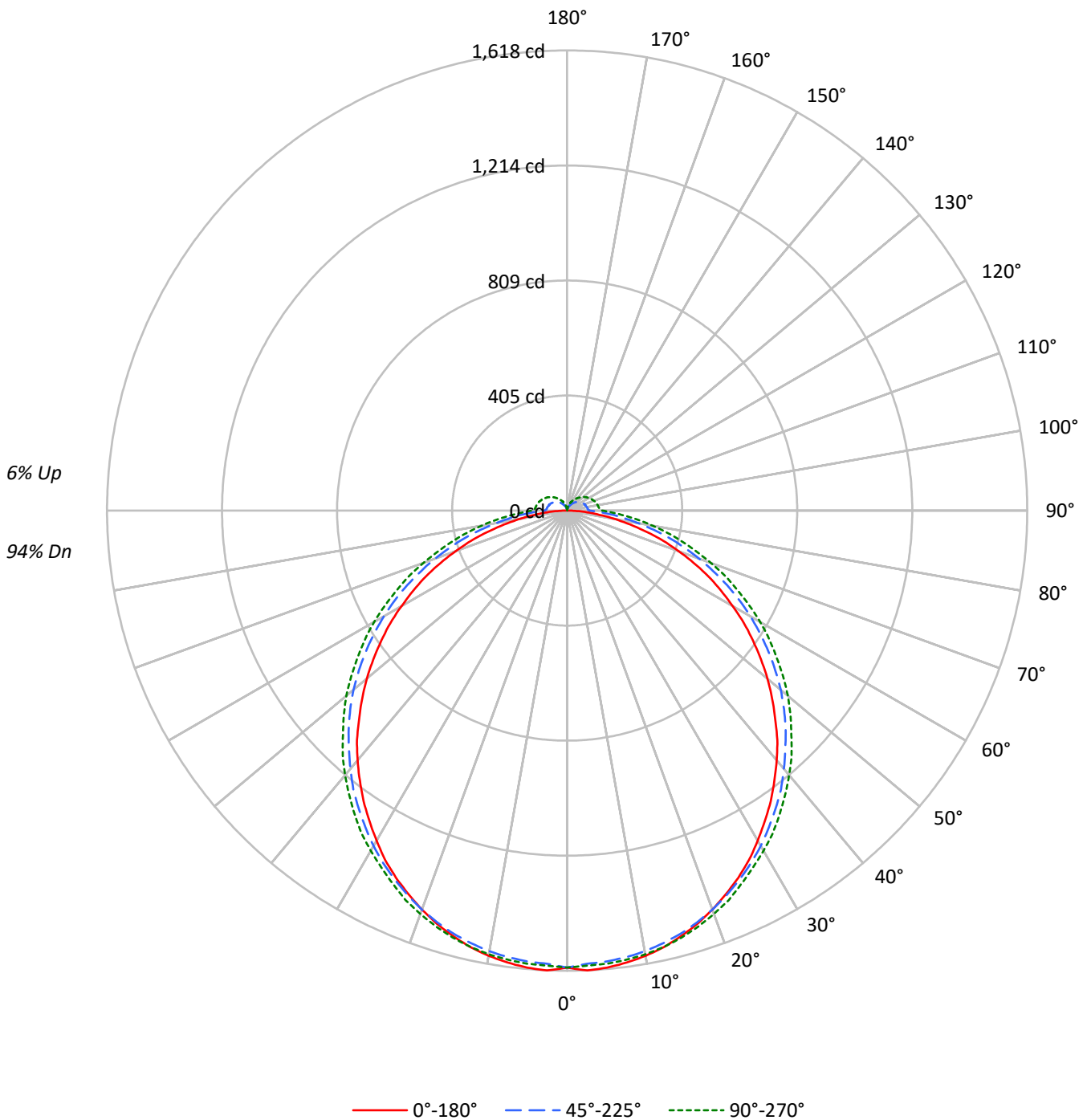
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5106.0 lumens
Efficiency: N/A
Efficacy: 106.6 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.28 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.04')
CIE Type: Direct

Input Watts (W): 47.9
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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	94
1	107	102	97	93	103	99	95	91	93	90	87	88	86	83	84	82	80	77
2	97	88	81	75	93	86	79	74	81	76	71	77	73	69	73	69	66	64
3	88	77	69	62	85	75	67	61	71	65	59	68	62	57	64	60	56	53
4	80	68	59	52	78	66	58	52	63	56	50	60	54	49	57	52	48	45
5	74	61	52	45	71	59	51	44	56	49	43	54	47	42	51	46	41	39
6	68	55	46	39	66	53	45	39	51	43	38	49	42	37	47	41	36	34
7	63	49	41	34	61	48	40	34	46	39	33	44	38	33	43	37	32	30
8	59	45	36	31	57	44	36	30	42	35	30	41	34	29	39	33	29	27
9	55	41	33	27	53	40	33	27	39	32	27	37	31	26	36	30	26	24
10	51	38	30	25	50	37	30	25	36	29	24	35	28	24	33	28	24	22

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	17295	17295	17295
5°	17414	17009	17034
10°	17342	16825	16821
15°	17212	16613	16580
20°	17035	16354	16298
25°	16832	16072	15963
30°	16555	15784	15654
35°	16278	15446	15332
40°	15970	15073	14969
45°	15584	14703	14547
50°	15211	14283	14161
55°	14747	13761	13624
60°	14225	13166	13095
65°	13672	12454	12369
70°	12725	11560	11614
75°	11581	10507	10710
80°	9897	9112	9710
85°	7781	7899	8532



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.4	3.0
10°-20°	437.3	8.6
20°-30°	662.6	13.0
30°-40°	799.9	15.7
40°-50°	835.3	16.4
50°-60°	767.4	15.0
60°-70°	606.9	11.9
70°-80°	384.1	7.5
80°-90°	165.1	3.2
90°-100°	72.7	1.4
100°-110°	65.0	1.3
110°-120°	54.9	1.1
120°-130°	42.8	0.8
130°-140°	29.7	0.6
140°-150°	17.8	0.3
150°-160°	8.7	0.2
160°-170°	3.0	0.1
170°-180°	0.4	0.0
0°-30°	1252.3	24.5
0°-40°	2052.2	40.2
0°-60°	3655.0	71.6
0°-90°	4811.0	94.2
90°-120°	192.6	3.8
90°-150°	282.9	5.5
90°-180°	295.0	5.8
0°-180°	5106.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1607	1607	1607	1607	1607	
5°	1613	1609	1591	1605	1600	153
15°	1549	1549	1541	1557	1554	437
25°	1424	1430	1432	1451	1448	656
35°	1248	1262	1278	1298	1303	780
45°	1034	1060	1087	1108	1115	799
55°	798	830	864	892	899	713
65°	549	580	620	649	659	540
75°	289	324	371	402	418	307
85°	70	108	156	189	201	78
90°	4	39	80	111	123	6
95°	1	34	72	101	112	1
105°	1	31	68	95	105	1
115°	1	26	62	86	95	1
125°	2	24	52	74	82	2
135°	2	18	42	59	66	1
145°	2	14	29	44	49	1
155°	2	9	19	28	34	1
165°	3	6	10	14	19	1
175°	3	4	4	4	3	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1606.8	1606.8	1606.8	1606.8	1606.8
2.5°	1618.5	1613.1	1595.0	1607.7	1601.3
5°	1613.1	1608.6	1591.4	1605.0	1599.5
7.5°	1603.1	1599.5	1584.2	1598.6	1593.2
10°	1589.6	1586.9	1573.3	1587.8	1584.2
12.5°	1572.4	1571.5	1557.9	1574.2	1571.5
15°	1548.9	1548.9	1540.8	1557.0	1554.3
17.5°	1523.6	1524.5	1518.2	1535.3	1533.5
20°	1492.8	1497.4	1492.8	1510.9	1509.1
22.5°	1459.4	1465.7	1463.9	1482.0	1482.9
25°	1424.1	1430.4	1432.3	1451.2	1448.5
27.5°	1385.2	1395.2	1398.8	1416.0	1415.1
30°	1340.0	1353.6	1361.7	1376.2	1380.7
32.5°	1293.9	1310.2	1320.1	1340.0	1345.4
35°	1247.8	1262.3	1278.5	1298.4	1303.0
37.5°	1197.2	1213.4	1235.1	1254.1	1259.5
40°	1146.5	1164.6	1185.4	1206.2	1214.3
42.5°	1094.1	1113.1	1135.7	1160.1	1168.2
45°	1034.4	1059.7	1086.8	1107.6	1114.9
47.5°	977.4	1005.5	1034.4	1057.0	1065.1
50°	919.6	949.4	980.2	1000.9	1013.6
52.5°	859.0	891.5	922.3	948.5	956.6
55°	797.5	830.1	864.4	892.4	898.8
57.5°	737.8	769.5	803.8	830.1	842.7
60°	672.7	707.1	744.2	770.4	783.9
62.5°	609.4	642.9	682.7	710.7	721.6
65°	548.8	579.6	620.3	649.2	659.2
67.5°	481.9	517.2	556.1	589.5	602.2
70°	415.9	449.4	493.7	525.3	538.0
72.5°	354.4	387.0	431.3	463.0	474.7
75°	289.3	323.7	370.7	402.4	417.7
77.5°	227.0	264.9	310.1	344.5	361.7
80°	169.1	202.5	251.4	289.3	304.7
82.5°	114.8	151.0	201.6	236.9	254.1
85°	70.5	108.5	155.5	189.0	200.7
87.5°	33.5	69.6	113.0	145.6	160.0
90°	4.5	38.9	79.6	111.2	123.0
92.5°	0.9	33.5	73.2	103.1	113.9
95°	0.9	33.5	72.3	101.3	112.1
97.5°	0.9	32.6	71.4	100.4	110.3
100°	0.9	31.6	70.5	98.6	109.4
102.5°	0.9	31.6	68.7	96.7	106.7
105°	0.9	30.7	67.8	94.9	104.9
107.5°	0.9	29.8	66.0	93.1	103.1
110°	0.9	28.0	65.1	90.4	100.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.9	27.1	63.3	88.6	97.7
115°	0.9	26.2	61.5	85.9	94.9
117.5°	0.9	25.3	58.8	83.2	92.2
120°	1.8	25.3	57.0	80.5	88.6
122.5°	1.8	24.4	54.3	76.9	85.0
125°	1.8	23.5	51.5	74.1	82.3
127.5°	1.8	22.6	48.8	70.5	77.8
130°	1.8	20.8	47.0	66.9	74.1
132.5°	1.8	19.9	44.3	62.4	69.6
135°	1.8	18.1	41.6	58.8	66.0
137.5°	1.8	17.2	38.9	55.2	61.5
140°	1.8	16.3	35.3	51.5	57.9
142.5°	1.8	14.5	32.6	47.9	53.3
145°	1.8	13.6	28.9	44.3	48.8
147.5°	1.8	11.8	26.2	40.7	45.2
150°	1.8	10.9	23.5	37.1	41.6
152.5°	1.8	9.9	20.8	32.6	37.1
155°	1.8	9.0	19.0	28.0	33.5
157.5°	1.8	8.1	16.3	24.4	29.8
160°	2.7	7.2	14.5	20.8	25.3
162.5°	2.7	6.3	11.8	17.2	22.6
165°	2.7	6.3	9.9	13.6	19.0
167.5°	2.7	5.4	8.1	10.9	15.4
170°	2.7	4.5	7.2	8.1	11.8
172.5°	2.7	3.6	5.4	5.4	6.3
175°	2.7	3.6	4.5	4.5	2.7
177.5°	2.7	2.7	2.7	2.7	1.8
180°	2.7	2.7	2.7	2.7	2.7

(END OF REPORT)