

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: P567080

Luminaire Tested: **4SNX-SL3-LC-UNV-CC93-CD-5000K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567080
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2205-663-1)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-SL3-LC-UNV-CC93-CD-5000K-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, LOW LUMEN SETTING, AND LC LENS
Light Source: -
Ballast/Driver: -

Summary

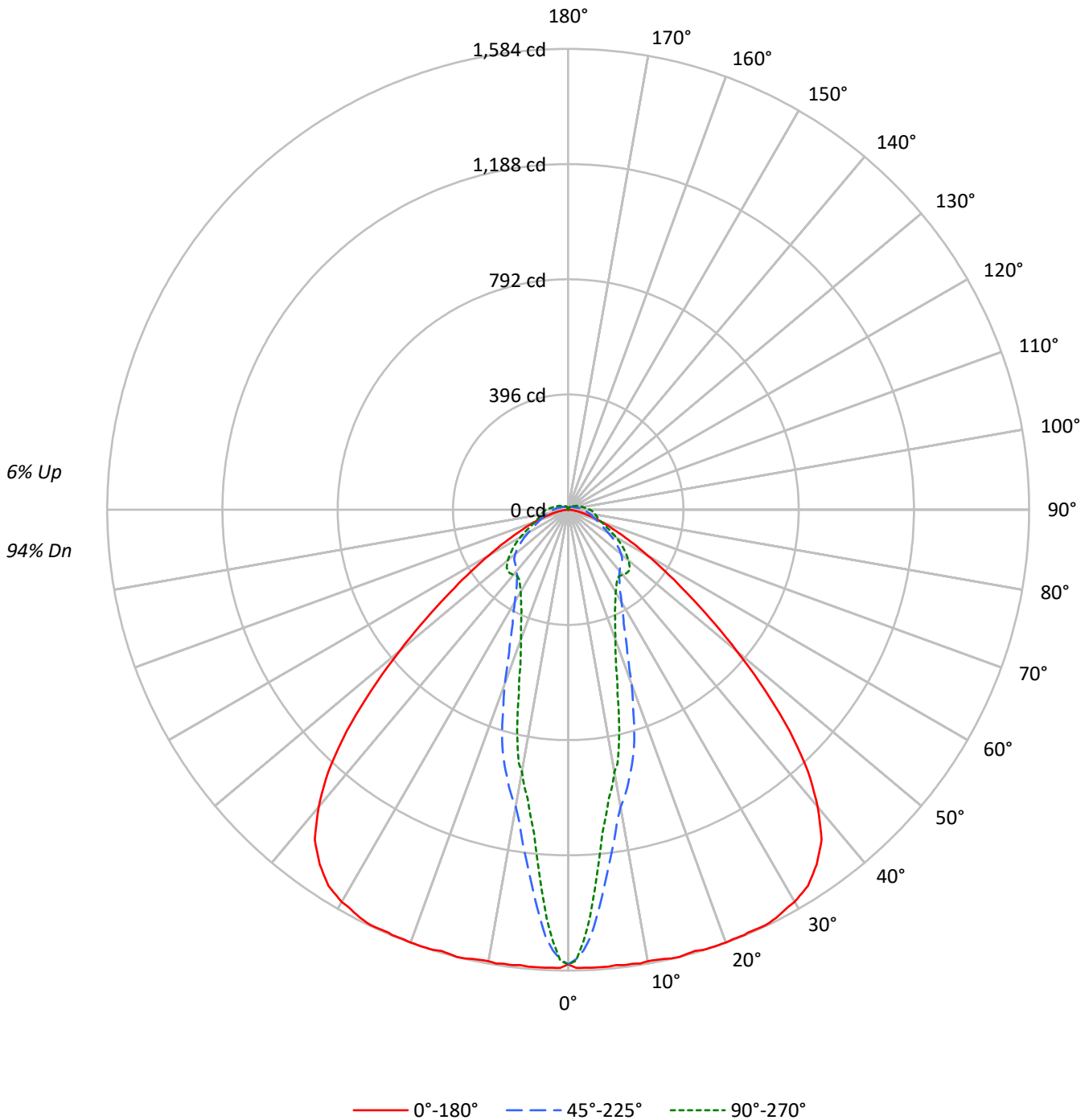
Lumens per Lamp: N/A
Luminaire Lumens: 1926.0 lumens
Efficiency: N/A
Efficacy: 114.2 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

Input Watts (W): 16.863
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	96	96	96	94
1	108	103	99	96	105	101	97	94	95	92	90	90	88	86	86	84	82	80
2	99	92	86	80	96	89	84	79	85	80	76	81	77	74	77	74	71	69
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	70	66	62	60
4	85	74	66	60	82	72	65	59	69	63	58	66	61	56	63	59	55	53
5	79	67	59	53	76	66	58	52	63	56	51	60	55	50	58	53	49	47
6	73	61	53	47	71	60	52	47	58	51	46	56	50	45	53	48	44	42
7	69	56	48	43	67	55	48	42	53	46	42	51	45	41	50	44	40	38
8	64	52	44	39	63	51	44	39	49	43	38	48	42	37	46	41	37	35
9	61	48	41	36	59	47	40	35	46	39	35	44	39	34	43	38	34	32
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	40	35	31	30

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	16819	16819	16819
5°	16970	13814	12365
10°	17103	10429	8949
15°	17415	8524	6197
20°	17864	6168	4377
25°	18421	4419	3443
30°	18891	3531	2932
35°	19004	2987	2626
40°	18118	2715	2633
45°	15723	2623	2704
50°	12062	2495	2523
55°	8741	2182	2239
60°	6341	1820	1893
65°	4615	1540	1552
70°	3400	1360	1338
75°	2415	1260	1247
80°	1584	1178	1229
85°	745	1124	1231



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.9	6.4
10°-20°	266.8	13.9
20°-30°	305.4	15.9
30°-40°	306.0	15.9
40°-50°	289.6	15.0
50°-60°	222.1	11.5
60°-70°	143.2	7.4
70°-80°	91.3	4.7
80°-90°	60.6	3.1
90°-100°	40.8	2.1
100°-110°	26.9	1.4
110°-120°	18.7	1.0
120°-130°	13.0	0.7
130°-140°	9.1	0.5
140°-150°	5.5	0.3
150°-160°	2.8	0.1
160°-170°	1.1	0.1
170°-180°	0.2	0.0
0°-30°	695.1	36.1
0°-40°	1001.1	52.0
0°-60°	1512.9	78.6
0°-90°	1808.0	93.9
90°-120°	86.3	4.5
90°-150°	113.9	5.9
90°-180°	118.0	6.1
0°-180°	1926.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1562	1562	1562	1562	1562	
5°	1576	1489	1334	1245	1211	150
15°	1580	1138	868	713	655	448
25°	1581	805	459	399	380	729
35°	1488	448	307	297	293	923
45°	1076	283	259	286	296	818
55°	494	202	199	224	233	454
65°	197	127	125	143	148	203
75°	67	69	87	100	105	74
85°	9	32	61	80	86	12
90°	0	22	51	71	74	0
95°	0	16	42	58	61	0
105°	0	12	28	40	42	1
115°	1	10	21	29	31	1
125°	1	9	18	21	22	1
135°	1	7	14	17	18	1
145°	1	5	10	13	14	1
155°	1	3	6	9	10	1
165°	2	2	4	5	6	0
175°	2	2	2	2	1	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1562.5	1562.5	1562.5	1562.5	1562.5
1°	1575.3	1566.4	1545.7	1551.6	1550.6
2°	1575.3	1556.5	1516.1	1504.2	1486.5
3°	1576.3	1539.8	1470.7	1432.2	1407.5
4°	1576.3	1515.1	1403.6	1339.4	1307.8
5°	1576.3	1489.4	1334.5	1244.6	1211.1
6°	1574.3	1458.8	1264.4	1169.6	1119.3
7°	1577.3	1425.3	1201.2	1099.5	1060.1
8°	1576.3	1385.8	1143.0	1046.2	1002.8
9°	1579.2	1347.3	1079.8	995.9	963.3
10°	1576.3	1311.8	1038.4	948.5	915.0
11°	1576.3	1277.2	1008.7	917.9	889.3
12°	1578.3	1237.7	976.2	874.5	835.0
13°	1583.2	1197.3	938.7	827.1	780.7
14°	1584.2	1166.7	904.1	766.9	718.6
15°	1580.2	1138.0	867.6	712.6	655.4
16°	1578.3	1108.4	824.2	661.3	610.0
17°	1582.2	1073.9	774.8	609.0	561.6
18°	1583.2	1042.3	722.5	569.5	528.1
19°	1583.2	1017.6	680.1	533.0	497.5
20°	1583.2	993.9	636.6	505.4	474.8
21°	1581.2	964.3	587.3	476.7	451.1
22.5°	1582.2	909.1	531.0	443.2	422.4
23°	1579.2	895.2	517.2	434.3	412.6
24°	1580.2	855.8	487.6	416.5	395.8
25°	1581.2	805.4	459.0	398.8	380.0
26°	1579.2	764.9	435.3	382.0	369.1
27°	1574.3	732.4	418.5	368.2	356.3
28°	1567.4	688.9	400.7	356.3	345.5
29°	1560.5	639.6	383.0	343.5	335.6
30°	1556.5	600.1	366.2	333.6	326.7
32.5°	1532.9	522.1	331.6	313.9	308.0
35°	1488.4	448.1	307.0	297.1	293.1
37.5°	1430.2	390.9	288.2	286.2	287.2
40°	1334.5	345.5	274.4	283.3	292.2
42.5°	1220.0	309.9	264.5	286.2	296.1
45°	1075.9	283.3	258.6	286.2	296.1
47.5°	916.0	261.6	251.7	276.4	286.2
50°	756.1	241.8	237.9	261.6	270.4
52.5°	614.9	223.1	220.1	242.8	251.7
55°	493.5	202.3	199.4	224.1	232.9
57.5°	395.8	182.6	179.6	202.3	211.2
60°	315.8	162.9	157.9	180.6	189.5
62.5°	251.7	144.1	141.1	160.9	168.8
65°	197.4	127.3	125.4	143.1	148.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	156.0	111.5	112.5	127.3	133.2
70°	120.4	96.7	102.7	116.5	120.4
72.5°	90.8	81.9	94.8	106.6	111.5
75°	67.1	69.1	86.9	99.7	104.6
77.5°	46.4	57.2	79.9	93.8	98.7
80°	31.6	46.4	73.0	88.8	94.8
82.5°	18.8	38.5	67.1	83.9	90.8
85°	8.9	31.6	61.2	79.9	85.9
87.5°	3.0	25.7	55.3	76.0	80.9
90°	0.0	21.7	51.3	71.1	74.0
92.5°	0.0	18.8	46.4	65.1	67.1
95°	0.0	15.8	42.4	58.2	61.2
97.5°	0.0	14.8	39.5	52.3	56.3
100°	0.0	13.8	35.5	47.4	51.3
102.5°	0.0	11.8	31.6	42.4	46.4
105°	0.0	11.8	27.6	39.5	42.4
107.5°	1.0	10.9	25.7	35.5	39.5
110°	1.0	10.9	22.7	33.6	36.5
112.5°	1.0	10.9	21.7	30.6	34.5
115°	1.0	9.9	20.7	28.6	30.6
117.5°	1.0	9.9	19.7	25.7	27.6
120°	1.0	8.9	18.8	23.7	24.7
122.5°	1.0	8.9	17.8	21.7	22.7
125°	1.0	8.9	17.8	20.7	21.7
127.5°	1.0	7.9	16.8	19.7	19.7
130°	1.0	7.9	15.8	18.8	18.8
132.5°	1.0	6.9	14.8	17.8	18.8
135°	1.0	6.9	13.8	16.8	17.8
137.5°	1.0	5.9	12.8	15.8	16.8
140°	1.0	5.9	11.8	14.8	15.8
142.5°	1.0	4.9	10.9	13.8	14.8
145°	1.0	4.9	9.9	12.8	13.8
147.5°	1.0	4.9	8.9	11.8	12.8
150°	1.0	3.9	7.9	10.9	11.8
152.5°	1.0	3.9	6.9	9.9	10.9
155°	1.0	3.0	5.9	8.9	9.9
157.5°	1.0	3.0	5.9	7.9	8.9
160°	2.0	3.0	4.9	6.9	7.9
162.5°	1.0	2.0	4.9	5.9	6.9
165°	2.0	2.0	3.9	4.9	5.9
167.5°	2.0	2.0	3.0	3.9	4.9
170°	2.0	2.0	3.0	3.0	3.9
172.5°	2.0	2.0	2.0	3.0	2.0
175°	2.0	2.0	2.0	2.0	1.0
177.5°	2.0	2.0	2.0	2.0	1.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.0	2.0	2.0	2.0	2.0

(END OF REPORT)