

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: P567115

Luminaire Tested: **4SNX-SL3-LW-UNV-CC93-CD-5000K-HI**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567115
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: 4SNX-SL3-LW-UNV-CC93-CD-5000K-HI
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, HI LUMEN SETTING, AND LW LENS
Light Source: -
Ballast/Driver: -

Summary

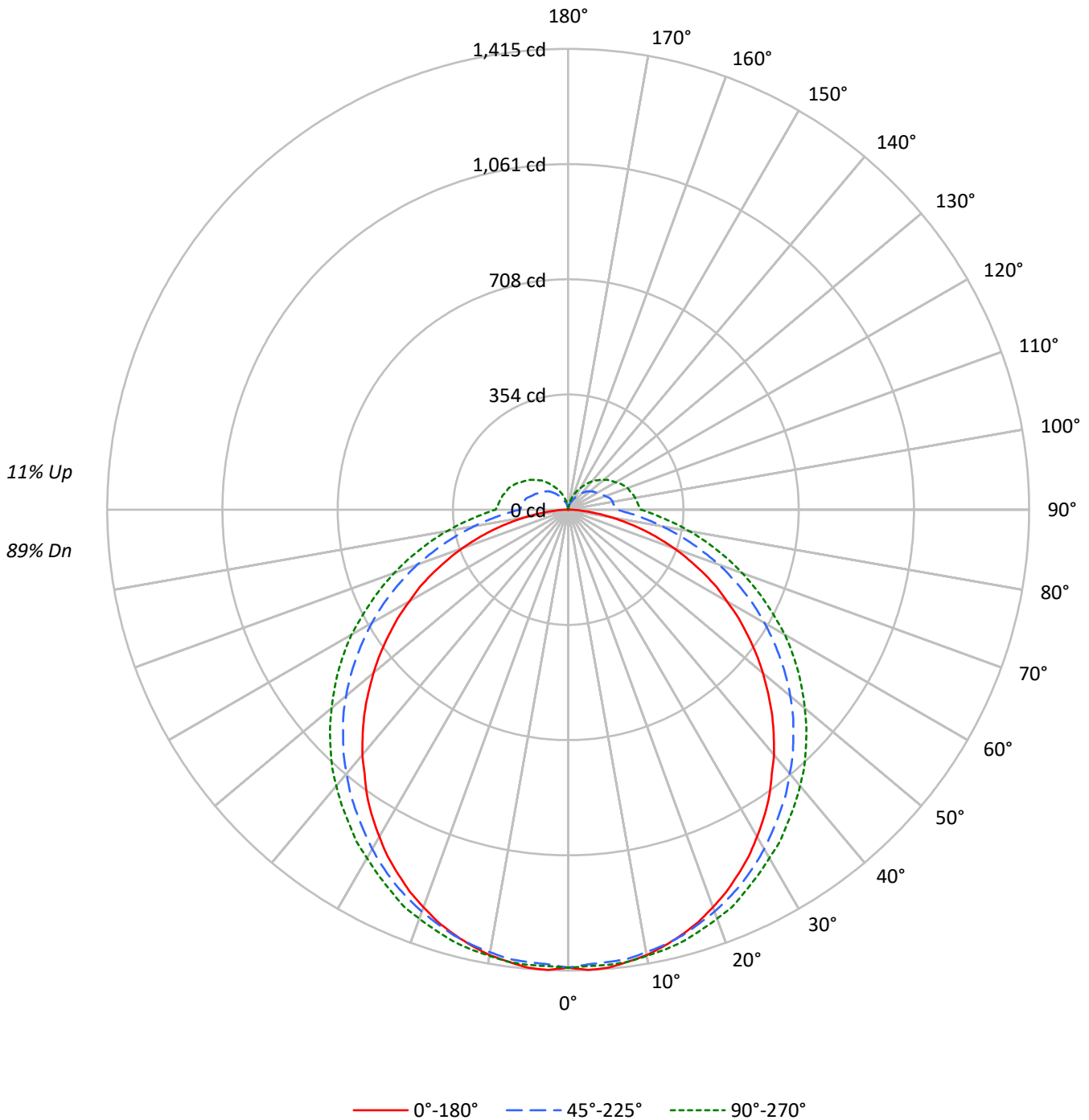
Lumens per Lamp: N/A
Luminaire Lumens: 5005.0 lumens
Efficiency: N/A
Efficacy: 97.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Semi-Direct

Input Watts (W): 51.1
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°	15133	15133	15133
5°	15198	14433	14324
10°	15066	13857	13608
15°	14887	13300	12963
20°	14654	12723	12318
25°	14387	12169	11688
30°	14073	11598	11083
35°	13732	11026	10517
40°	13342	10468	9977
45°	12920	9908	9426
50°	12441	9332	8845
55°	11912	8690	8276
60°	11292	8020	7675
65°	10640	7298	6989
70°	9742	6527	6315
75°	8555	5630	5599
80°	6683	4726	4885
85°	4367	3886	4153



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.5	2.7
10°-20°	383.8	7.7
20°-30°	583.6	11.7
30°-40°	708.5	14.2
40°-50°	748.6	15.0
50°-60°	700.5	14.0
60°-70°	574.8	11.5
70°-80°	395.4	7.9
80°-90°	216.5	4.3
90°-100°	139.4	2.8
100°-110°	125.1	2.5
110°-120°	103.6	2.1
120°-130°	79.7	1.6
130°-140°	56.0	1.1
140°-150°	33.8	0.7
150°-160°	16.2	0.3
160°-170°	5.3	0.1
170°-180°	0.6	0.0
0°-30°	1101.0	22.0
0°-40°	1809.4	36.2
0°-60°	3258.6	65.1
0°-90°	4445.3	88.8
90°-120°	368.1	7.4
90°-150°	537.6	10.7
90°-180°	560.0	11.2
0°-180°	5005.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1406	1406	1406	1406	1406	
5°	1412	1409	1394	1406	1403	134
15°	1351	1357	1354	1371	1371	381
25°	1235	1249	1264	1290	1290	569
35°	1076	1102	1133	1165	1174	672
45°	884	925	977	1020	1032	681
55°	672	728	794	844	861	602
65°	455	516	594	649	667	451
75°	238	302	388	449	470	250
85°	52	125	212	270	290	60
90°	0	70	148	203	223	4
95°	0	67	142	194	214	0
105°	0	55	133	183	200	2
115°	3	49	113	162	183	3
125°	3	41	96	139	156	3
135°	3	32	78	113	128	2
145°	3	23	55	87	96	2
155°	3	14	35	55	64	1
165°	3	9	17	26	32	1
175°	3	3	6	6	3	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1405.9	1405.9	1405.9	1405.9	1405.9
2.5°	1414.6	1411.7	1397.2	1408.8	1403.0
5°	1411.7	1408.8	1394.3	1405.9	1403.0
7.5°	1400.1	1400.1	1391.4	1403.0	1400.1
10°	1388.5	1388.5	1379.8	1394.3	1391.4
12.5°	1371.1	1374.0	1368.2	1385.6	1382.7
15°	1350.8	1356.6	1353.7	1371.1	1371.1
17.5°	1327.6	1333.4	1333.4	1353.7	1353.7
20°	1298.7	1307.4	1313.2	1336.3	1336.3
22.5°	1269.7	1281.3	1290.0	1310.3	1319.0
25°	1234.9	1249.4	1263.9	1290.0	1290.0
27.5°	1200.1	1217.5	1234.9	1261.0	1263.9
30°	1159.5	1179.8	1203.0	1229.1	1234.9
32.5°	1118.9	1145.0	1168.2	1200.1	1208.8
35°	1075.5	1101.5	1133.4	1165.3	1174.0
37.5°	1026.2	1058.1	1098.6	1133.4	1142.1
40°	982.7	1017.5	1058.1	1098.6	1107.3
42.5°	933.4	971.1	1020.4	1058.1	1072.6
45°	884.1	924.7	976.9	1020.4	1032.0
47.5°	832.0	878.3	936.3	976.9	991.4
50°	779.8	829.1	889.9	936.3	947.9
52.5°	727.6	779.8	843.5	889.9	904.4
55°	672.5	727.6	794.3	843.5	860.9
57.5°	620.3	675.4	745.0	797.2	814.6
60°	562.4	626.1	695.7	747.9	768.2
62.5°	513.1	571.1	646.4	698.6	716.0
65°	455.1	516.0	594.3	649.3	666.7
67.5°	400.0	463.8	542.1	600.1	617.4
70°	345.0	408.7	492.8	547.9	568.2
72.5°	289.9	356.6	437.7	498.6	518.9
75°	237.7	301.5	388.4	449.3	469.6
77.5°	182.6	252.2	339.2	400.0	423.2
80°	133.3	205.8	292.8	353.7	376.8
82.5°	89.9	162.3	249.3	310.2	333.4
85°	52.2	124.6	211.6	269.6	289.9
87.5°	26.1	95.7	176.8	234.8	255.1
90°	0.0	69.6	147.8	202.9	223.2
92.5°	0.0	66.7	144.9	197.1	217.4
95°	0.0	66.7	142.0	194.2	214.5
97.5°	0.0	63.8	139.1	194.2	211.6
100°	0.0	60.9	139.1	191.3	208.7
102.5°	0.0	58.0	136.2	188.4	205.8
105°	0.0	55.1	133.3	182.6	200.0
107.5°	2.9	55.1	127.5	179.7	197.1
110°	2.9	52.2	121.7	176.8	194.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.9	49.3	116.0	171.0	188.4
115°	2.9	49.3	113.1	162.3	182.6
117.5°	2.9	46.4	107.3	156.5	176.8
120°	2.9	46.4	104.4	150.7	168.1
122.5°	2.9	43.5	98.6	144.9	162.3
125°	2.9	40.6	95.7	139.1	156.5
127.5°	2.9	37.7	92.8	133.3	150.7
130°	2.9	34.8	87.0	127.5	142.0
132.5°	2.9	34.8	84.1	118.9	136.2
135°	2.9	31.9	78.3	113.1	127.5
137.5°	2.9	29.0	72.5	107.3	121.7
140°	2.9	26.1	66.7	101.5	113.1
142.5°	2.9	26.1	60.9	92.8	104.4
145°	2.9	23.2	55.1	87.0	95.7
147.5°	2.9	20.3	49.3	78.3	87.0
150°	2.9	20.3	43.5	69.6	78.3
152.5°	2.9	17.4	37.7	63.8	72.5
155°	2.9	14.5	34.8	55.1	63.8
157.5°	2.9	14.5	29.0	46.4	55.1
160°	2.9	11.6	26.1	37.7	46.4
162.5°	2.9	11.6	23.2	31.9	40.6
165°	2.9	8.7	17.4	26.1	31.9
167.5°	2.9	8.7	14.5	20.3	26.1
170°	2.9	5.8	11.6	14.5	20.3
172.5°	2.9	5.8	8.7	8.7	8.7
175°	2.9	2.9	5.8	5.8	2.9
177.5°	2.9	2.9	2.9	2.9	2.9
180°	2.9	2.9	2.9	2.9	2.9

(END OF REPORT)