

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: P567097

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567097
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: 4SNX-SL3-LN-UNV-CC93-CD-5000K-HI
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, HI LUMEN SETTING, AND LN LENS
Light Source: -
Ballast/Driver: -

Summary

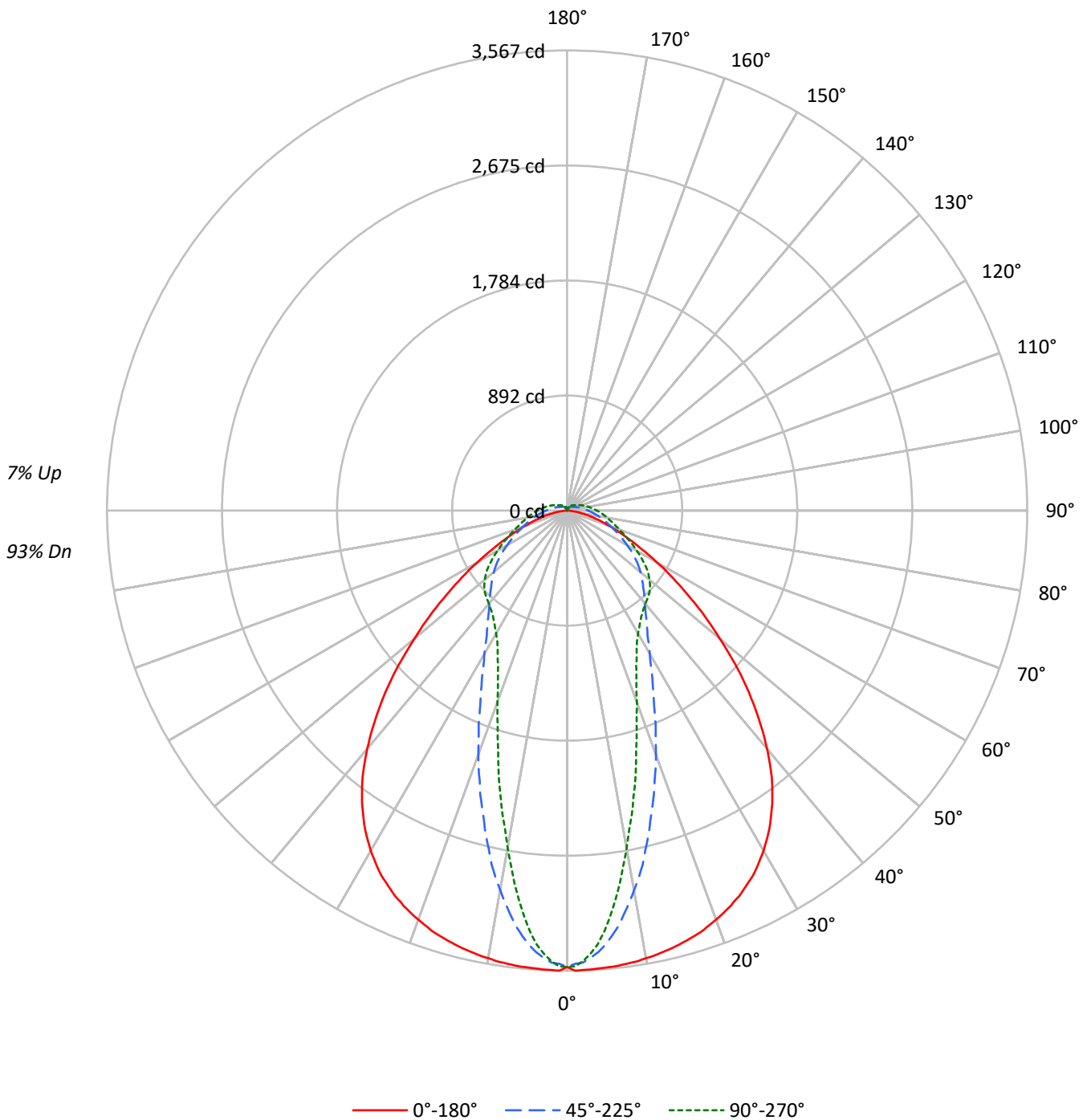
Lumens per Lamp: N/A
Luminaire Lumens: 5639.0 lumens
Efficiency: N/A
Efficacy: 110.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

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	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°	38077	38077	38077
5°	38275	34997	33491
10°	38222	30006	25984
15°	38204	24477	19476
20°	38082	19499	14575
25°	37735	15280	11567
30°	36945	12366	9867
35°	35394	10465	8975
40°	32740	9239	8494
45°	29109	8453	8233
50°	24658	7779	7777
55°	20258	7049	7102
60°	16200	6201	6230
65°	12576	5444	5422
70°	9765	4814	4796
75°	7551	4327	4370
80°	5335	3959	4062
85°	2970	3691	3896



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	313.3	5.6
10°-20°	734.3	13.0
20°-30°	871.6	15.5
30°-40°	877.0	15.6
40°-50°	815.2	14.5
50°-60°	671.3	11.9
60°-70°	473.0	8.4
70°-80°	309.0	5.5
80°-90°	197.3	3.5
90°-100°	129.4	2.3
100°-110°	87.8	1.6
110°-120°	60.2	1.1
120°-130°	41.7	0.7
130°-140°	28.0	0.5
140°-150°	17.3	0.3
150°-160°	9.0	0.2
160°-170°	3.2	0.1
170°-180°	0.6	0.0
0°-30°	1919.2	34.0
0°-40°	2796.2	49.6
0°-60°	4282.6	75.9
0°-90°	5261.9	93.3
90°-120°	277.4	4.9
90°-150°	364.4	6.5
90°-180°	377.0	6.7
0°-180°	5639.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3538	3538	3538	3538	3538	
5°	3555	3508	3381	3316	3280	338
15°	3467	3097	2491	2178	2060	979
25°	3239	2394	1587	1333	1277	1491
35°	2772	1620	1076	1008	1002	1724
45°	1992	1067	833	878	901	1529
55°	1144	700	644	715	739	1033
65°	538	423	443	499	517	546
75°	210	219	298	352	366	227
85°	36	100	201	260	272	45
90°	0	68	162	222	230	2
95°	0	50	136	186	195	0
105°	0	36	92	130	142	0
115°	3	30	65	95	100	3
125°	3	24	53	68	74	3
135°	3	21	41	53	56	2
145°	3	15	30	41	44	2
155°	3	12	21	30	32	1
165°	3	6	12	15	18	1
175°	6	6	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°	3537.5	3537.5	3537.5	3537.5	3537.5
1°	3567.1	3552.3	3513.9	3540.5	3534.6
2°	3564.1	3549.3	3505.0	3516.8	3496.1
3°	3561.2	3540.5	3472.5	3469.5	3440.0
4°	3558.2	3525.7	3431.1	3395.7	3372.0
5°	3555.2	3508.0	3380.9	3315.9	3280.4
6°	3552.3	3487.3	3315.9	3218.3	3168.1
7°	3546.4	3454.8	3247.9	3114.9	3049.9
8°	3540.5	3425.2	3162.2	3002.6	2922.8
9°	3534.6	3386.8	3076.5	2881.4	2786.9
10°	3522.7	3348.4	2987.8	2757.3	2656.8
11°	3516.8	3304.0	2902.1	2639.1	2520.9
12°	3505.0	3256.8	2810.5	2515.0	2411.5
13°	3493.2	3206.5	2698.2	2408.6	2284.5
14°	3481.4	3153.3	2600.7	2290.4	2175.1
15°	3466.6	3097.2	2491.3	2178.1	2059.9
16°	3451.8	3032.2	2393.8	2062.8	1938.7
17°	3437.0	2970.1	2302.2	1956.4	1844.1
18°	3419.3	2908.0	2195.8	1853.0	1743.6
19°	3395.7	2837.1	2110.1	1758.4	1657.9
20°	3375.0	2772.1	2012.6	1669.8	1581.1
21°	3351.3	2692.3	1915.0	1587.0	1498.3
22.5°	3315.9	2580.0	1790.9	1483.6	1400.8
23°	3298.1	2547.5	1740.7	1445.1	1374.2
24°	3274.5	2461.8	1657.9	1386.0	1315.1
25°	3239.0	2393.8	1587.0	1332.8	1276.7
26°	3206.5	2311.1	1516.1	1285.6	1229.4
27°	3174.0	2231.3	1454.0	1235.3	1188.0
28°	3132.6	2148.5	1386.0	1193.9	1152.6
29°	3088.3	2071.7	1329.9	1158.5	1126.0
30°	3044.0	1986.0	1282.6	1126.0	1099.4
32.5°	2919.9	1796.8	1161.4	1063.9	1046.2
35°	2772.1	1619.5	1075.7	1007.8	1001.9
37.5°	2606.6	1457.0	998.9	963.4	969.3
40°	2411.5	1309.2	933.9	930.9	942.7
42.5°	2204.7	1182.1	883.6	904.3	922.1
45°	1991.9	1066.9	833.4	877.7	901.4
47.5°	1770.2	966.4	789.1	845.2	871.8
50°	1545.6	868.9	741.8	806.8	833.4
52.5°	1344.7	783.2	694.5	762.5	792.0
55°	1143.7	700.4	644.3	715.2	738.8
57.5°	969.3	623.6	591.1	662.0	679.7
60°	806.8	549.7	537.9	602.9	623.6
62.5°	659.0	484.7	487.6	549.7	570.4
65°	537.9	422.6	443.3	499.4	517.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	437.4	363.5	399.0	458.1	472.9
70°	345.8	310.3	363.5	416.7	431.5
72.5°	274.8	263.0	328.0	384.2	396.0
75°	209.8	218.7	298.5	351.7	366.5
77.5°	150.7	183.2	268.9	325.1	336.9
80°	106.4	150.7	245.3	301.4	313.3
82.5°	68.0	124.1	221.6	280.8	292.6
85°	35.5	100.5	201.0	260.1	271.9
87.5°	14.8	82.7	180.3	239.4	251.2
90°	0.0	68.0	162.5	221.6	230.5
92.5°	0.0	59.1	147.8	203.9	212.8
95°	0.0	50.2	135.9	186.2	195.1
97.5°	0.0	47.3	121.2	171.4	180.3
100°	0.0	41.4	109.3	156.6	168.5
102.5°	0.0	38.4	100.5	141.9	153.7
105°	0.0	35.5	91.6	130.0	141.9
107.5°	0.0	32.5	85.7	121.2	130.0
110°	0.0	32.5	76.8	112.3	121.2
112.5°	3.0	29.6	70.9	100.5	109.3
115°	3.0	29.6	65.0	94.6	100.5
117.5°	3.0	29.6	62.1	85.7	91.6
120°	3.0	26.6	59.1	79.8	85.7
122.5°	3.0	26.6	56.2	73.9	76.8
125°	3.0	23.6	53.2	68.0	73.9
127.5°	3.0	23.6	50.2	65.0	68.0
130°	3.0	23.6	47.3	59.1	65.0
132.5°	3.0	20.7	44.3	56.2	59.1
135°	3.0	20.7	41.4	53.2	56.2
137.5°	3.0	17.7	38.4	50.2	53.2
140°	3.0	17.7	35.5	47.3	50.2
142.5°	3.0	14.8	32.5	44.3	47.3
145°	3.0	14.8	29.6	41.4	44.3
147.5°	3.0	14.8	26.6	38.4	41.4
150°	3.0	11.8	23.6	35.5	38.4
152.5°	3.0	11.8	20.7	32.5	35.5
155°	3.0	11.8	20.7	29.6	32.5
157.5°	3.0	8.9	17.7	23.6	29.6
160°	3.0	8.9	14.8	20.7	26.6
162.5°	3.0	8.9	14.8	17.7	20.7
165°	3.0	5.9	11.8	14.8	17.7
167.5°	3.0	5.9	8.9	11.8	14.8
170°	3.0	5.9	8.9	8.9	11.8
172.5°	3.0	5.9	5.9	5.9	5.9
175°	5.9	5.9	5.9	5.9	3.0
177.5°	5.9	5.9	5.9	3.0	3.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.0	3.0	3.0	3.0	3.0

(END OF REPORT)