

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: P565863

Luminaire Tested: **2SNX-SL3-LC-UNV-CC93-CD-3500K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565863
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: 2SNX-SL3-LC-UNV-CC93-CD-3500K-MED
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, MED LUMEN SETTING, AND LC LENS
Light Source: -
Ballast/Driver: -

Summary

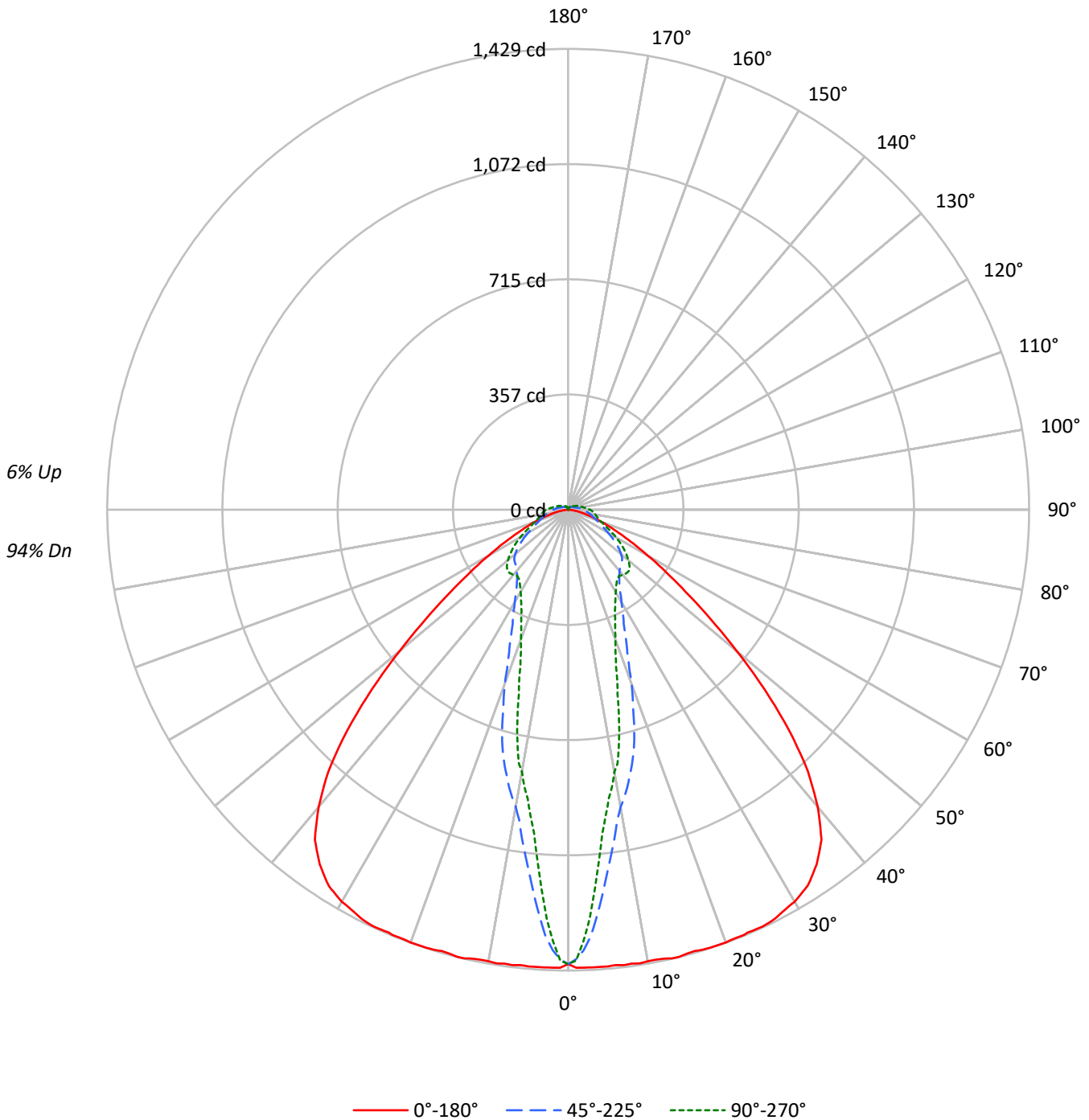
Lumens per Lamp: N/A
Luminaire Lumens: 1737.0 lumens
Efficiency: N/A
Efficacy: 125.3 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Direct

Input Watts (W): 13.86
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	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°	30335	30335	30335
5°	30499	24854	22302
10°	30626	18721	16141
15°	31070	15270	11177
20°	31747	11026	7894
25°	32608	7882	6210
30°	33294	6286	5288
35°	33334	5305	4737
40°	31611	4813	4749
45°	27268	4639	4879
50°	20775	4402	4552
55°	14929	3840	4040
60°	10719	3196	3415
65°	7692	2696	2799
70°	5562	2372	2414
75°	3838	2186	2251
80°	2399	2039	2217
85°	1012	1931	2218



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.8	6.4
10°-20°	240.6	13.9
20°-30°	275.5	15.9
30°-40°	275.9	15.9
40°-50°	261.2	15.0
50°-60°	200.3	11.5
60°-70°	129.1	7.4
70°-80°	82.3	4.7
80°-90°	54.7	3.1
90°-100°	36.8	2.1
100°-110°	24.2	1.4
110°-120°	16.9	1.0
120°-130°	11.7	0.7
130°-140°	8.2	0.5
140°-150°	5.0	0.3
150°-160°	2.5	0.1
160°-170°	1.0	0.1
170°-180°	0.2	0.0
0°-30°	626.9	36.1
0°-40°	902.9	52.0
0°-60°	1364.4	78.6
0°-90°	1630.6	93.9
90°-120°	77.8	4.5
90°-150°	102.7	5.9
90°-180°	106.0	6.1
0°-180°	1737.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1409	1409	1409	1409	1409	
5°	1422	1343	1204	1122	1092	136
15°	1425	1026	782	643	591	404
25°	1426	726	414	360	343	657
35°	1342	404	277	268	264	833
45°	970	256	233	258	267	738
55°	445	182	180	202	210	409
65°	178	115	113	129	134	183
75°	60	62	78	90	94	67
85°	8	28	55	72	77	11
90°	0	20	46	64	67	0
95°	0	14	38	52	55	0
105°	0	11	25	36	38	1
115°	1	9	19	26	28	1
125°	1	8	16	19	20	1
135°	1	6	12	15	16	1
145°	1	4	9	12	12	1
155°	1	3	5	8	9	0
165°	2	2	4	4	5	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°	1409.1	1409.1	1409.1	1409.1	1409.1
1°	1420.7	1412.7	1394.0	1399.3	1398.5
2°	1420.7	1403.8	1367.3	1356.6	1340.6
3°	1421.6	1388.7	1326.4	1291.6	1269.4
4°	1421.6	1366.4	1265.8	1208.0	1179.5
5°	1421.6	1343.3	1203.5	1122.5	1092.2
6°	1419.8	1315.7	1140.3	1054.9	1009.5
7°	1422.5	1285.4	1083.3	991.6	956.0
8°	1421.6	1249.8	1030.8	943.6	904.4
9°	1424.3	1215.1	973.8	898.2	868.8
10°	1421.6	1183.0	936.5	855.5	825.2
11°	1421.6	1151.9	909.8	827.9	802.0
12°	1423.4	1116.3	880.4	788.7	753.1
13°	1427.8	1079.8	846.6	746.0	704.1
14°	1428.7	1052.2	815.4	691.7	648.0
15°	1425.2	1026.4	782.5	642.7	591.1
16°	1423.4	999.7	743.3	596.4	550.1
17°	1426.9	968.5	698.8	549.2	506.5
18°	1427.8	940.0	651.6	513.6	476.2
19°	1427.8	917.8	613.3	480.7	448.6
20°	1427.8	896.4	574.2	455.8	428.2
21°	1426.1	869.7	529.7	430.0	406.8
22.5°	1426.9	819.8	478.9	399.7	381.0
23°	1424.3	807.4	466.4	391.7	372.1
24°	1425.2	771.8	439.7	375.7	357.0
25°	1426.1	726.4	413.9	359.6	342.7
26°	1424.3	689.9	392.6	344.5	332.9
27°	1419.8	660.5	377.4	332.0	321.4
28°	1413.6	621.3	361.4	321.4	311.6
29°	1407.4	576.8	345.4	309.8	302.7
30°	1403.8	541.2	330.3	300.9	294.6
32.5°	1382.4	470.9	299.1	283.1	277.7
35°	1342.4	404.1	276.8	267.9	264.4
37.5°	1289.9	352.5	259.9	258.1	259.0
40°	1203.5	311.6	247.5	255.5	263.5
42.5°	1100.2	279.5	238.6	258.1	267.1
45°	970.3	255.5	233.2	258.1	267.1
47.5°	826.1	235.9	227.0	249.2	258.1
50°	681.9	218.1	214.5	235.9	243.9
52.5°	554.6	201.2	198.5	219.0	227.0
55°	445.1	182.5	179.8	202.1	210.1
57.5°	357.0	164.7	162.0	182.5	190.5
60°	284.9	146.9	142.4	162.9	170.9
62.5°	227.0	130.0	127.3	145.1	152.2
65°	178.0	114.8	113.1	129.1	133.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	140.6	100.6	101.5	114.8	120.2
70°	108.6	87.2	92.6	105.0	108.6
72.5°	81.9	73.9	85.5	96.1	100.6
75°	60.5	62.3	78.3	89.9	94.4
77.5°	41.8	51.6	72.1	84.6	89.0
80°	28.5	41.8	65.9	80.1	85.5
82.5°	16.9	34.7	60.5	75.7	81.9
85°	8.0	28.5	55.2	72.1	77.4
87.5°	2.7	23.1	49.8	68.5	73.0
90°	0.0	19.6	46.3	64.1	66.8
92.5°	0.0	16.9	41.8	58.8	60.5
95°	0.0	14.2	38.3	52.5	55.2
97.5°	0.0	13.4	35.6	47.2	50.7
100°	0.0	12.5	32.0	42.7	46.3
102.5°	0.0	10.7	28.5	38.3	41.8
105°	0.0	10.7	24.9	35.6	38.3
107.5°	0.9	9.8	23.1	32.0	35.6
110°	0.9	9.8	20.5	30.3	32.9
112.5°	0.9	9.8	19.6	27.6	31.2
115°	0.9	8.9	18.7	25.8	27.6
117.5°	0.9	8.9	17.8	23.1	24.9
120°	0.9	8.0	16.9	21.4	22.3
122.5°	0.9	8.0	16.0	19.6	20.5
125°	0.9	8.0	16.0	18.7	19.6
127.5°	0.9	7.1	15.1	17.8	17.8
130°	0.9	7.1	14.2	16.9	16.9
132.5°	0.9	6.2	13.4	16.0	16.9
135°	0.9	6.2	12.5	15.1	16.0
137.5°	0.9	5.3	11.6	14.2	15.1
140°	0.9	5.3	10.7	13.4	14.2
142.5°	0.9	4.5	9.8	12.5	13.4
145°	0.9	4.5	8.9	11.6	12.5
147.5°	0.9	4.5	8.0	10.7	11.6
150°	0.9	3.6	7.1	9.8	10.7
152.5°	0.9	3.6	6.2	8.9	9.8
155°	0.9	2.7	5.3	8.0	8.9
157.5°	0.9	2.7	5.3	7.1	8.0
160°	1.8	2.7	4.5	6.2	7.1
162.5°	0.9	1.8	4.5	5.3	6.2
165°	1.8	1.8	3.6	4.5	5.3
167.5°	1.8	1.8	2.7	3.6	4.5
170°	1.8	1.8	2.7	2.7	3.6
172.5°	1.8	1.8	1.8	2.7	1.8
175°	1.8	1.8	1.8	1.8	0.9
177.5°	1.8	1.8	1.8	1.8	0.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.8	1.8	1.8	1.8	1.8

(END OF REPORT)