

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: P567126

Luminaire Tested: **4SNX-SL3-SLW-UNV-CC83-CD-5000K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567126
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-SLW-UNV-CC83-CD-5000K-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 80CRI, MED LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

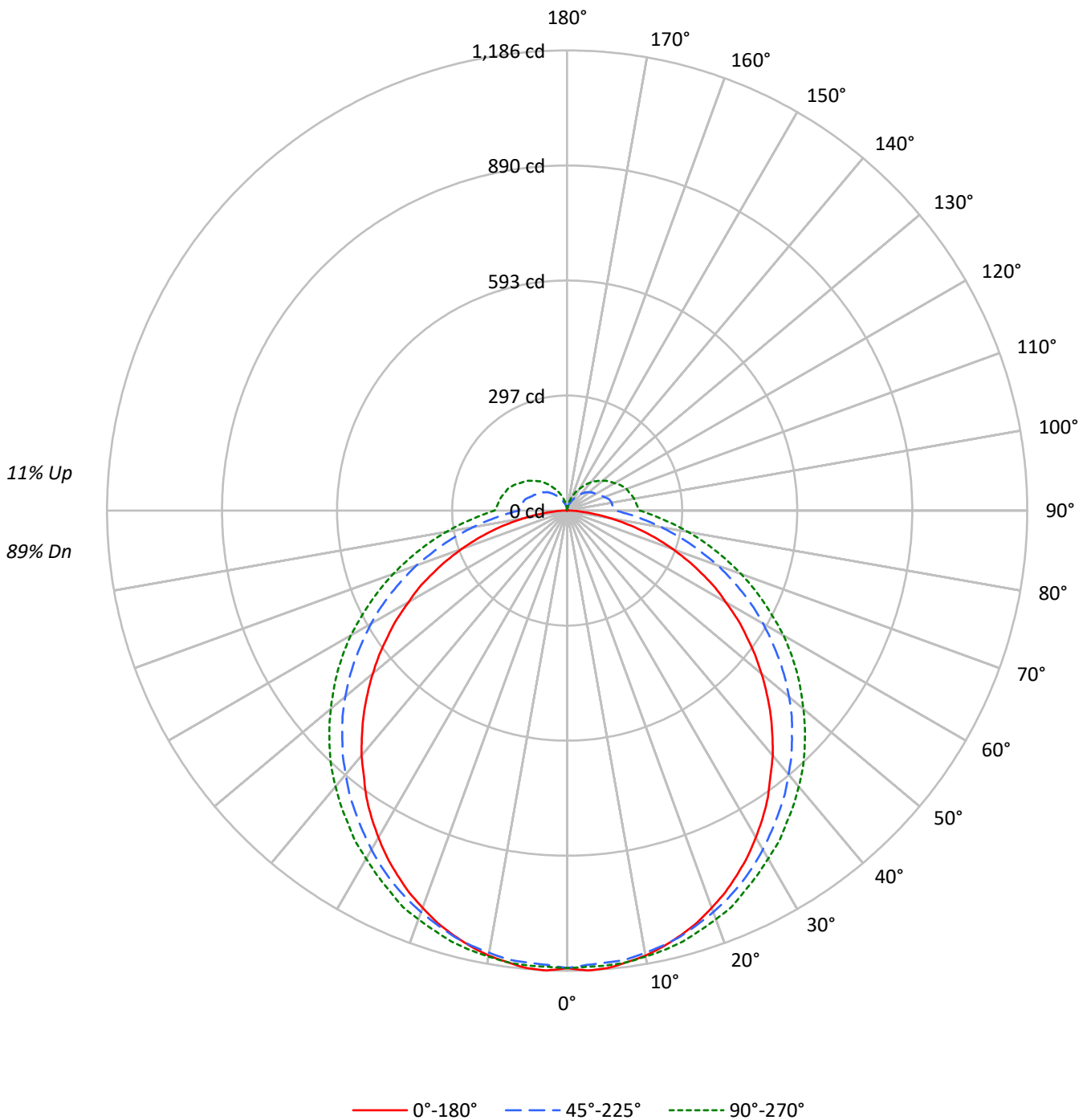
Lumens per Lamp: N/A
Luminaire Lumens: 4198.0 lumens
Efficiency: N/A
Efficacy: 124.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 33.726
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	77	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°	12693	12693	12693
5°	12771	12367	12356
10°	12683	12116	12051
15°	12556	11861	11769
20°	12384	11566	11455
25°	12184	11279	11128
30°	11945	10962	10803
35°	11683	10635	10499
40°	11383	10312	10207
45°	11060	9983	9892
50°	10687	9635	9540
55°	10281	9218	9193
60°	9802	8772	8806
65°	9308	8270	8319
70°	8614	7718	7844
75°	7697	7017	7316
80°	6200	6305	6797
85°	4372	5692	6262



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.0	2.7
10°-20°	321.9	7.7
20°-30°	489.5	11.7
30°-40°	594.2	14.2
40°-50°	627.9	15.0
50°-60°	587.6	14.0
60°-70°	482.1	11.5
70°-80°	331.6	7.9
80°-90°	181.6	4.3
90°-100°	116.9	2.8
100°-110°	104.9	2.5
110°-120°	86.9	2.1
120°-130°	66.9	1.6
130°-140°	47.0	1.1
140°-150°	28.3	0.7
150°-160°	13.6	0.3
160°-170°	4.5	0.1
170°-180°	0.5	0.0
0°-30°	923.5	22.0
0°-40°	1517.7	36.2
0°-60°	2733.2	65.1
0°-90°	3728.5	88.8
90°-120°	308.7	7.4
90°-150°	450.9	10.7
90°-180°	469.0	11.2
0°-180°	4198.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1179	1179	1179	1179	1179	
5°	1184	1182	1170	1179	1177	112
15°	1133	1138	1136	1150	1150	320
25°	1036	1048	1060	1082	1082	477
35°	902	924	951	977	985	563
45°	742	776	819	856	866	572
55°	564	610	666	708	722	505
65°	382	433	498	545	559	378
75°	199	253	326	377	394	210
85°	44	105	178	226	243	51
90°	0	58	124	170	187	3
95°	0	56	119	163	180	0
105°	0	46	112	153	168	2
115°	2	41	95	136	153	2
125°	2	34	80	117	131	2
135°	2	27	66	95	107	2
145°	2	20	46	73	80	2
155°	2	12	29	46	54	1
165°	2	7	15	22	27	1
175°	2	2	5	5	2	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1179.2	1179.2	1179.2	1179.2	1179.2
2.5°	1186.5	1184.1	1171.9	1181.7	1176.8
5°	1184.1	1181.7	1169.5	1179.2	1176.8
7.5°	1174.4	1174.4	1167.1	1176.8	1174.4
10°	1164.6	1164.6	1157.3	1169.5	1167.1
12.5°	1150.1	1152.5	1147.6	1162.2	1159.8
15°	1133.0	1137.9	1135.5	1150.1	1150.1
17.5°	1113.6	1118.4	1118.4	1135.5	1135.5
20°	1089.3	1096.6	1101.4	1120.9	1120.9
22.5°	1065.0	1074.7	1082.0	1099.0	1106.3
25°	1035.8	1047.9	1060.1	1082.0	1082.0
27.5°	1006.6	1021.2	1035.8	1057.7	1060.1
30°	972.6	989.6	1009.0	1030.9	1035.8
32.5°	938.5	960.4	979.9	1006.6	1013.9
35°	902.0	923.9	950.7	977.4	984.7
37.5°	860.7	887.5	921.5	950.7	958.0
40°	824.2	853.4	887.5	921.5	928.8
42.5°	782.9	814.5	855.9	887.5	899.6
45°	741.6	775.6	819.4	855.9	865.6
47.5°	697.8	736.7	785.3	819.4	831.5
50°	654.0	695.4	746.4	785.3	795.1
52.5°	610.3	654.0	707.5	746.4	758.6
55°	564.1	610.3	666.2	707.5	722.1
57.5°	520.3	566.5	624.9	668.6	683.2
60°	471.7	525.2	583.5	627.3	644.3
62.5°	430.4	479.0	542.2	586.0	600.6
65°	381.7	432.8	498.4	544.6	559.2
67.5°	335.5	389.0	454.7	503.3	517.9
70°	289.3	342.8	413.3	459.5	476.6
72.5°	243.1	299.1	367.1	418.2	435.2
75°	199.4	252.9	325.8	376.9	393.9
77.5°	153.2	211.5	284.5	335.5	355.0
80°	111.8	172.6	245.6	296.6	316.1
82.5°	75.4	136.2	209.1	260.2	279.6
85°	43.8	104.6	177.5	226.1	243.1
87.5°	21.9	80.2	148.3	196.9	214.0
90°	0.0	58.4	124.0	170.2	187.2
92.5°	0.0	55.9	121.6	165.3	182.4
95°	0.0	55.9	119.1	162.9	179.9
97.5°	0.0	53.5	116.7	162.9	177.5
100°	0.0	51.1	116.7	160.5	175.1
102.5°	0.0	48.6	114.3	158.0	172.6
105°	0.0	46.2	111.8	153.2	167.8
107.5°	2.4	46.2	107.0	150.7	165.3
110°	2.4	43.8	102.1	148.3	162.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.4	41.3	97.3	143.5	158.0
115°	2.4	41.3	94.8	136.2	153.2
117.5°	2.4	38.9	90.0	131.3	148.3
120°	2.4	38.9	87.5	126.4	141.0
122.5°	2.4	36.5	82.7	121.6	136.2
125°	2.4	34.0	80.2	116.7	131.3
127.5°	2.4	31.6	77.8	111.8	126.4
130°	2.4	29.2	72.9	107.0	119.1
132.5°	2.4	29.2	70.5	99.7	114.3
135°	2.4	26.7	65.6	94.8	107.0
137.5°	2.4	24.3	60.8	90.0	102.1
140°	2.4	21.9	55.9	85.1	94.8
142.5°	2.4	21.9	51.1	77.8	87.5
145°	2.4	19.5	46.2	72.9	80.2
147.5°	2.4	17.0	41.3	65.6	72.9
150°	2.4	17.0	36.5	58.4	65.6
152.5°	2.4	14.6	31.6	53.5	60.8
155°	2.4	12.2	29.2	46.2	53.5
157.5°	2.4	12.2	24.3	38.9	46.2
160°	2.4	9.7	21.9	31.6	38.9
162.5°	2.4	9.7	19.5	26.7	34.0
165°	2.4	7.3	14.6	21.9	26.7
167.5°	2.4	7.3	12.2	17.0	21.9
170°	2.4	4.9	9.7	12.2	17.0
172.5°	2.4	4.9	7.3	7.3	7.3
175°	2.4	2.4	4.9	4.9	2.4
177.5°	2.4	2.4	2.4	2.4	2.4
180°	2.4	2.4	2.4	2.4	2.4

(END OF REPORT)