

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: P567123

Luminaire Tested: **4SNX-SL3-SLW-UNV-CC83-CD-4000K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567123
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-4000K-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 80CRI, MED LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

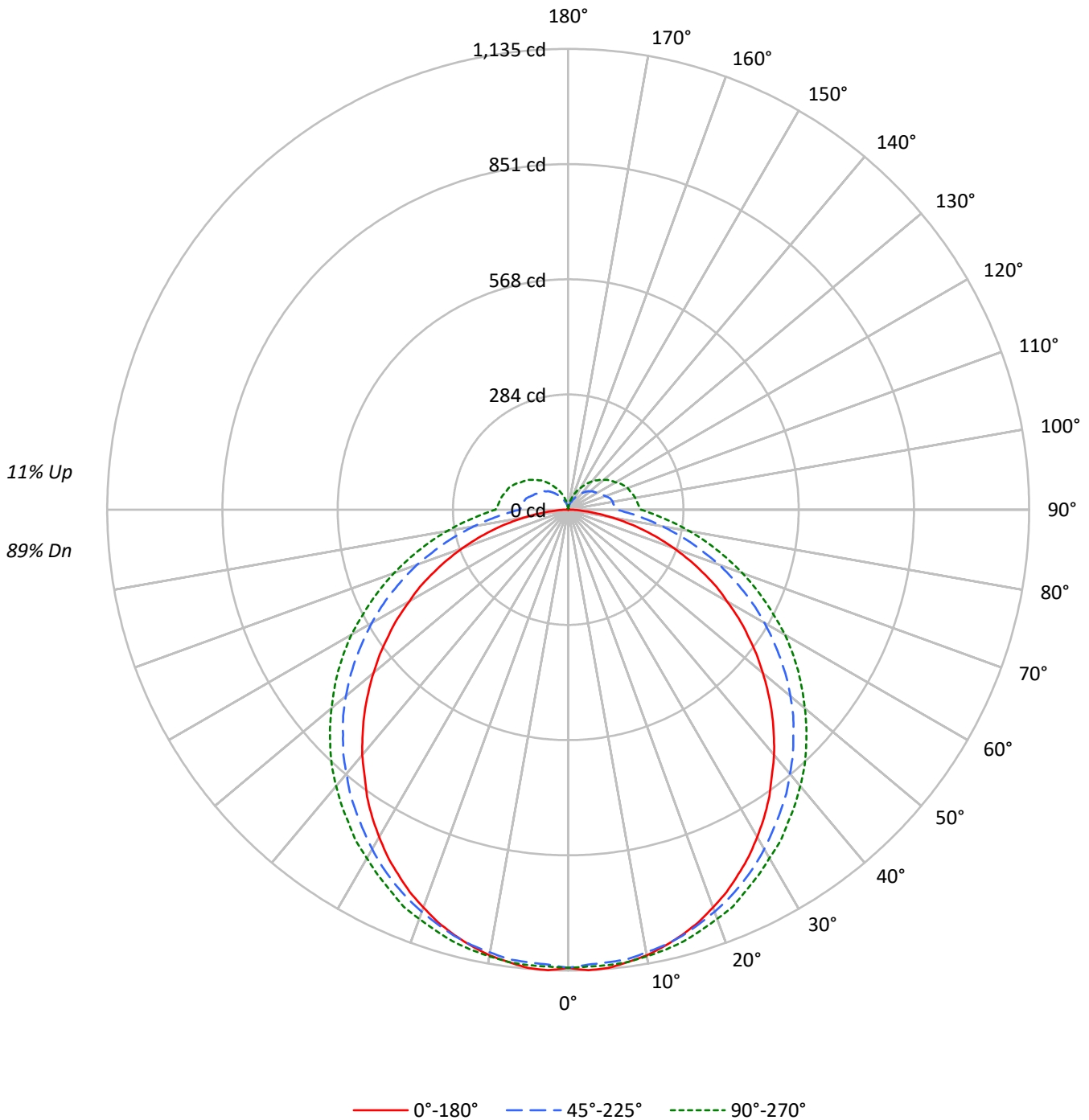
Lumens per Lamp: N/A
Luminaire Lumens: 4017.0 lumens
Efficiency: N/A
Efficacy: 124.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 32.274
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

TEST NUMBER: P567123

CATALOG NUMBER: 4SNX-SL3-SLW-UNV-CC83-CD-4000K-MED

Luminous Intensity Polar Plot





TEST NUMBER: P567123

CATALOG NUMBER: 4SNX-SL3-SLW-UNV-CC83-CD-4000K-MED

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°	12146	12146	12146
5°	12220	11834	11824
10°	12136	11594	11532
15°	12015	11349	11262
20°	11850	11067	10961
25°	11658	10792	10648
30°	11430	10490	10337
35°	11180	10176	10047
40°	10893	9867	9767
45°	10582	9553	9466
50°	10227	9221	9128
55°	9839	8821	8797
60°	9381	8394	8426
65°	8908	7913	7961
70°	8244	7386	7505
75°	7365	6716	7001
80°	5934	6033	6504
85°	4183	5445	5994



TEST NUMBER: P567123

CATALOG NUMBER: 4SNX-SL3-SLW-UNV-CC83-CD-4000K-MED

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.2	2.7
10°-20°	308.1	7.7
20°-30°	468.4	11.7
30°-40°	568.6	14.2
40°-50°	600.9	15.0
50°-60°	562.3	14.0
60°-70°	461.3	11.5
70°-80°	317.3	7.9
80°-90°	173.8	4.3
90°-100°	111.9	2.8
100°-110°	100.4	2.5
110°-120°	83.1	2.1
120°-130°	64.0	1.6
130°-140°	45.0	1.1
140°-150°	27.1	0.7
150°-160°	13.0	0.3
160°-170°	4.3	0.1
170°-180°	0.5	0.0
0°-30°	883.6	22.0
0°-40°	1452.3	36.2
0°-60°	2615.4	65.1
0°-90°	3567.8	88.8
90°-120°	295.4	7.4
90°-150°	431.5	10.7
90°-180°	449.0	11.2
0°-180°	4017.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1128	1128	1128	1128	1128	
5°	1133	1131	1119	1128	1126	107
15°	1084	1089	1086	1100	1100	306
25°	991	1003	1014	1035	1035	457
35°	863	884	910	935	942	539
45°	710	742	784	819	828	547
55°	540	584	638	677	691	483
65°	365	414	477	521	535	362
75°	191	242	312	361	377	201
85°	42	100	170	216	233	48
90°	0	56	119	163	179	3
95°	0	54	114	156	172	0
105°	0	44	107	147	160	2
115°	2	40	91	130	147	2
125°	2	33	77	112	126	2
135°	2	26	63	91	102	2
145°	2	19	44	70	77	1
155°	2	12	28	44	51	1
165°	2	7	14	21	26	1
175°	2	2	5	5	2	0
180°	2	2	2	2	2	



TEST NUMBER: P567123

CATALOG NUMBER: 4SNX-SL3-SLW-UNV-CC83-CD-4000K-MED

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1128.4	1128.4	1128.4	1128.4	1128.4
2.5°	1135.4	1133.0	1121.4	1130.7	1126.1
5°	1133.0	1130.7	1119.1	1128.4	1126.1
7.5°	1123.7	1123.7	1116.8	1126.1	1123.7
10°	1114.4	1114.4	1107.4	1119.1	1116.8
12.5°	1100.5	1102.8	1098.1	1112.1	1109.8
15°	1084.2	1088.8	1086.5	1100.5	1100.5
17.5°	1065.6	1070.2	1070.2	1086.5	1086.5
20°	1042.3	1049.3	1053.9	1072.5	1072.5
22.5°	1019.0	1028.3	1035.3	1051.6	1058.6
25°	991.1	1002.8	1014.4	1035.3	1035.3
27.5°	963.2	977.2	991.1	1012.1	1014.4
30°	930.6	946.9	965.5	986.5	991.1
32.5°	898.1	919.0	937.6	963.2	970.2
35°	863.2	884.1	909.7	935.3	942.3
37.5°	823.6	849.2	881.8	909.7	916.7
40°	788.7	816.6	849.2	881.8	888.7
42.5°	749.2	779.4	819.0	849.2	860.8
45°	709.6	742.2	784.1	819.0	828.3
47.5°	667.7	704.9	751.5	784.1	795.7
50°	625.8	665.4	714.3	751.5	760.8
52.5°	584.0	625.8	677.0	714.3	725.9
55°	539.8	584.0	637.5	677.0	691.0
57.5°	497.9	542.1	597.9	639.8	653.8
60°	451.4	502.5	558.4	600.3	616.5
62.5°	411.8	458.3	518.8	560.7	574.7
65°	365.3	414.1	476.9	521.2	535.1
67.5°	321.1	372.3	435.1	481.6	495.6
70°	276.9	328.0	395.5	439.7	456.0
72.5°	232.7	286.2	351.3	400.2	416.5
75°	190.8	242.0	311.8	360.6	376.9
77.5°	146.6	202.4	272.2	321.1	339.7
80°	107.0	165.2	235.0	283.8	302.5
82.5°	72.1	130.3	200.1	248.9	267.6
85°	41.9	100.0	169.8	216.4	232.7
87.5°	20.9	76.8	141.9	188.5	204.7
90°	0.0	55.8	118.7	162.9	179.1
92.5°	0.0	53.5	116.3	158.2	174.5
95°	0.0	53.5	114.0	155.9	172.2
97.5°	0.0	51.2	111.7	155.9	169.8
100°	0.0	48.9	111.7	153.6	167.5
102.5°	0.0	46.5	109.3	151.2	165.2
105°	0.0	44.2	107.0	146.6	160.5
107.5°	2.3	44.2	102.4	144.2	158.2
110°	2.3	41.9	97.7	141.9	155.9



TEST NUMBER: P567123

CATALOG NUMBER: 4SNX-SL3-SLW-UNV-CC83-CD-4000K-MED

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.3	39.6	93.1	137.3	151.2
115°	2.3	39.6	90.7	130.3	146.6
117.5°	2.3	37.2	86.1	125.6	141.9
120°	2.3	37.2	83.8	121.0	134.9
122.5°	2.3	34.9	79.1	116.3	130.3
125°	2.3	32.6	76.8	111.7	125.6
127.5°	2.3	30.2	74.5	107.0	121.0
130°	2.3	27.9	69.8	102.4	114.0
132.5°	2.3	27.9	67.5	95.4	109.3
135°	2.3	25.6	62.8	90.7	102.4
137.5°	2.3	23.3	58.2	86.1	97.7
140°	2.3	20.9	53.5	81.4	90.7
142.5°	2.3	20.9	48.9	74.5	83.8
145°	2.3	18.6	44.2	69.8	76.8
147.5°	2.3	16.3	39.6	62.8	69.8
150°	2.3	16.3	34.9	55.8	62.8
152.5°	2.3	14.0	30.2	51.2	58.2
155°	2.3	11.6	27.9	44.2	51.2
157.5°	2.3	11.6	23.3	37.2	44.2
160°	2.3	9.3	20.9	30.2	37.2
162.5°	2.3	9.3	18.6	25.6	32.6
165°	2.3	7.0	14.0	20.9	25.6
167.5°	2.3	7.0	11.6	16.3	20.9
170°	2.3	4.7	9.3	11.6	16.3
172.5°	2.3	4.7	7.0	7.0	7.0
175°	2.3	2.3	4.7	4.7	2.3
177.5°	2.3	2.3	2.3	2.3	2.3
180°	2.3	2.3	2.3	2.3	2.3

(END OF REPORT)