

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: P567120

Luminaire Tested: **4SNX-SL3-SLW-UNV-CC83-CD-3500K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567120
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-3500K-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 80CRI, MED LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

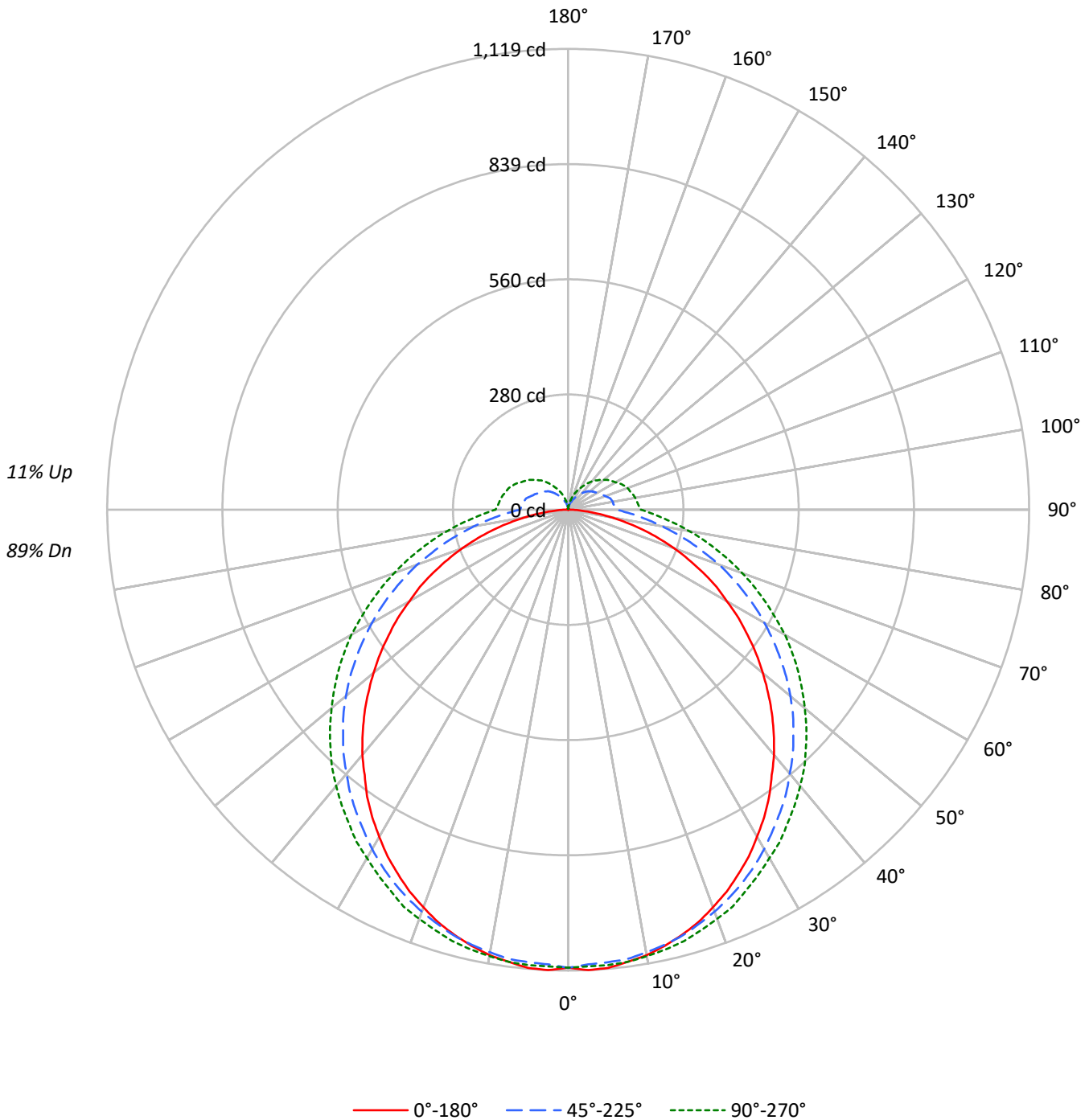
Lumens per Lamp: N/A
Luminaire Lumens: 3959.0 lumens
Efficiency: N/A
Efficacy: 118.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 33.462
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°	11971	11971	11971
5°	12044	11662	11653
10°	11961	11427	11364
15°	11841	11185	11099
20°	11679	10908	10803
25°	11490	10636	10494
30°	11265	10339	10188
35°	11018	10030	9902
40°	10735	9724	9626
45°	10430	9414	9329
50°	10079	9086	8996
55°	9696	8694	8669
60°	9243	8273	8305
65°	8778	7801	7846
70°	8125	7279	7397
75°	7257	6619	6900
80°	5851	5946	6410
85°	4123	5369	5906



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.6	2.7
10°-20°	303.6	7.7
20°-30°	461.6	11.7
30°-40°	560.4	14.2
40°-50°	592.2	15.0
50°-60°	554.1	14.0
60°-70°	454.7	11.5
70°-80°	312.7	7.9
80°-90°	171.3	4.3
90°-100°	110.3	2.8
100°-110°	99.0	2.5
110°-120°	81.9	2.1
120°-130°	63.1	1.6
130°-140°	44.3	1.1
140°-150°	26.7	0.7
150°-160°	12.8	0.3
160°-170°	4.2	0.1
170°-180°	0.5	0.0
0°-30°	870.9	22.0
0°-40°	1431.3	36.2
0°-60°	2577.6	65.1
0°-90°	3516.2	88.8
90°-120°	291.2	7.4
90°-150°	425.3	10.7
90°-180°	443.0	11.2
0°-180°	3959.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1112	1112	1112	1112	1112	
5°	1117	1114	1103	1112	1110	106
15°	1068	1073	1071	1085	1085	301
25°	977	988	1000	1020	1020	450
35°	851	871	897	922	929	531
45°	699	732	773	807	816	539
55°	532	576	628	667	681	476
65°	360	408	470	514	527	357
75°	188	238	307	355	372	198
85°	41	99	167	213	229	48
90°	0	55	117	160	177	3
95°	0	53	112	154	170	0
105°	0	44	106	144	158	2
115°	2	39	89	128	144	2
125°	2	32	76	110	124	2
135°	2	25	62	89	101	2
145°	2	18	44	69	76	1
155°	2	12	28	44	50	1
165°	2	7	14	21	25	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°	1112.1	1112.1	1112.1	1112.1	1112.1
2.5°	1119.0	1116.7	1105.2	1114.4	1109.8
5°	1116.7	1114.4	1102.9	1112.1	1109.8
7.5°	1107.5	1107.5	1100.6	1109.8	1107.5
10°	1098.3	1098.3	1091.5	1102.9	1100.6
12.5°	1084.6	1086.9	1082.3	1096.0	1093.7
15°	1068.5	1073.1	1070.8	1084.6	1084.6
17.5°	1050.2	1054.8	1054.8	1070.8	1070.8
20°	1027.3	1034.1	1038.7	1057.1	1057.1
22.5°	1004.3	1013.5	1020.4	1036.4	1043.3
25°	976.8	988.3	999.7	1020.4	1020.4
27.5°	949.3	963.0	976.8	997.4	999.7
30°	917.2	933.2	951.6	972.2	976.8
32.5°	885.1	905.7	924.1	949.3	956.2
35°	850.7	871.3	896.6	921.8	928.7
37.5°	811.7	836.9	869.0	896.6	903.4
40°	777.3	804.8	836.9	869.0	875.9
42.5°	738.3	768.1	807.1	836.9	848.4
45°	699.4	731.5	772.7	807.1	816.3
47.5°	658.1	694.8	740.6	772.7	784.2
50°	616.8	655.8	703.9	740.6	749.8
52.5°	575.5	616.8	667.3	703.9	715.4
55°	532.0	575.5	628.3	667.3	681.0
57.5°	490.7	534.3	589.3	630.6	644.3
60°	444.8	495.3	550.3	591.6	607.6
62.5°	405.9	451.7	511.3	552.6	566.4
65°	360.0	408.1	470.1	513.6	527.4
67.5°	316.4	366.9	428.8	474.6	488.4
70°	272.9	323.3	389.8	433.4	449.4
72.5°	229.3	282.0	346.2	394.4	410.4
75°	188.0	238.5	307.3	355.4	371.5
77.5°	144.5	199.5	268.3	316.4	334.8
80°	105.5	162.8	231.6	279.7	298.1
82.5°	71.1	128.4	197.2	245.3	263.7
85°	41.3	98.6	167.4	213.2	229.3
87.5°	20.6	75.7	139.9	185.7	201.8
90°	0.0	55.0	116.9	160.5	176.6
92.5°	0.0	52.7	114.6	155.9	172.0
95°	0.0	52.7	112.4	153.6	169.7
97.5°	0.0	50.4	110.1	153.6	167.4
100°	0.0	48.2	110.1	151.3	165.1
102.5°	0.0	45.9	107.8	149.0	162.8
105°	0.0	43.6	105.5	144.5	158.2
107.5°	2.3	43.6	100.9	142.2	155.9
110°	2.3	41.3	96.3	139.9	153.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.3	39.0	91.7	135.3	149.0
115°	2.3	39.0	89.4	128.4	144.5
117.5°	2.3	36.7	84.8	123.8	139.9
120°	2.3	36.7	82.5	119.2	133.0
122.5°	2.3	34.4	78.0	114.6	128.4
125°	2.3	32.1	75.7	110.1	123.8
127.5°	2.3	29.8	73.4	105.5	119.2
130°	2.3	27.5	68.8	100.9	112.4
132.5°	2.3	27.5	66.5	94.0	107.8
135°	2.3	25.2	61.9	89.4	100.9
137.5°	2.3	22.9	57.3	84.8	96.3
140°	2.3	20.6	52.7	80.3	89.4
142.5°	2.3	20.6	48.2	73.4	82.5
145°	2.3	18.3	43.6	68.8	75.7
147.5°	2.3	16.1	39.0	61.9	68.8
150°	2.3	16.1	34.4	55.0	61.9
152.5°	2.3	13.8	29.8	50.4	57.3
155°	2.3	11.5	27.5	43.6	50.4
157.5°	2.3	11.5	22.9	36.7	43.6
160°	2.3	9.2	20.6	29.8	36.7
162.5°	2.3	9.2	18.3	25.2	32.1
165°	2.3	6.9	13.8	20.6	25.2
167.5°	2.3	6.9	11.5	16.1	20.6
170°	2.3	4.6	9.2	11.5	16.1
172.5°	2.3	4.6	6.9	6.9	6.9
175°	2.3	2.3	4.6	4.6	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)