

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: P567132

Luminaire Tested: **4SNX-SL3-SLW-UNV-CC93-CD-4000K-MED**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567132  
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-CC93-CD-4000K-MED  
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, MED LUMEN SETTING, AND SLW LENS  
Light Source: -  
Ballast/Driver: -

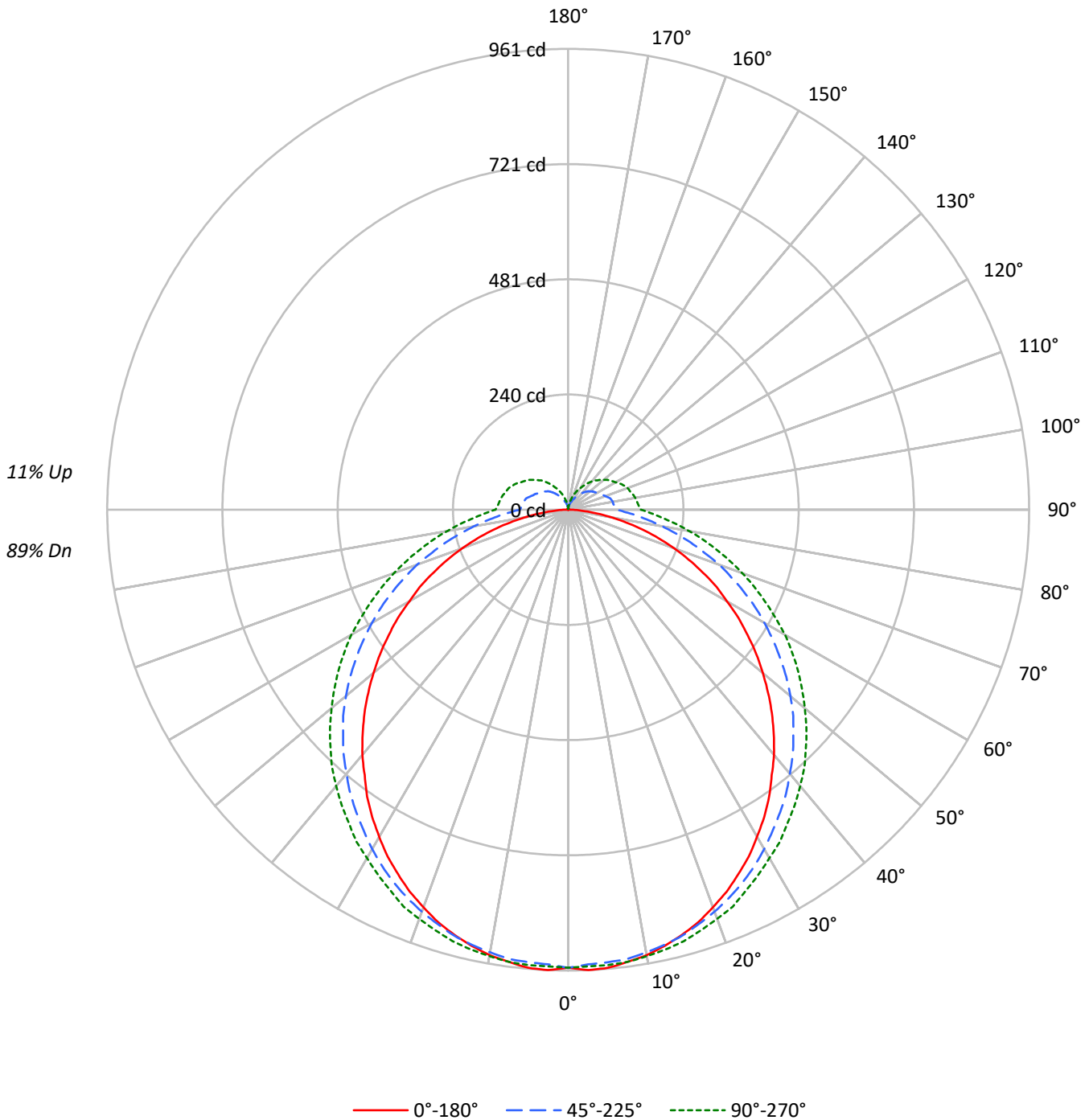
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3400.0 lumens  
Efficiency: N/A  
Efficacy: 105.3 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): 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

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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°	10281	10281	10281
5°	10343	10016	10008
10°	10273	9813	9760
15°	10170	9606	9531
20°	10030	9368	9278
25°	9868	9135	9012
30°	9675	8878	8750
35°	9463	8614	8503
40°	9220	8352	8266
45°	8957	8085	8011
50°	8656	7803	7726
55°	8328	7467	7446
60°	7938	7105	7132
65°	7540	6699	6738
70°	6976	6252	6353
75°	6234	5684	5925
80°	5025	5106	5504
85°	3534	4612	5072



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	90.7	2.7
10°-20°	260.7	7.7
20°-30°	396.5	11.7
30°-40°	481.3	14.2
40°-50°	508.6	15.0
50°-60°	475.9	14.0
60°-70°	390.5	11.5
70°-80°	268.6	7.9
80°-90°	147.1	4.3
90°-100°	94.7	2.8
100°-110°	85.0	2.5
110°-120°	70.4	2.1
120°-130°	54.2	1.6
130°-140°	38.1	1.1
140°-150°	22.9	0.7
150°-160°	11.0	0.3
160°-170°	3.6	0.1
170°-180°	0.4	0.0
0°-30°	747.9	22.0
0°-40°	1229.2	36.2
0°-60°	2213.7	65.1
0°-90°	3019.8	88.8
90°-120°	250.1	7.4
90°-150°	365.2	10.7
90°-180°	380.0	11.2
0°-180°	3400.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	955	955	955	955	955	
5°	959	957	947	955	953	91
15°	918	922	920	931	931	259
25°	839	849	859	876	876	387
35°	731	748	770	792	798	456
45°	601	628	664	693	701	463
55°	457	494	540	573	585	409
65°	309	350	404	441	453	306
75°	162	205	264	305	319	170
85°	35	85	144	183	197	41
90°	0	47	100	138	152	2
95°	0	45	96	132	146	0
105°	0	37	91	124	136	1
115°	2	34	77	110	124	2
125°	2	28	65	94	106	2
135°	2	22	53	77	87	2
145°	2	16	37	59	65	1
155°	2	10	24	37	43	1
165°	2	6	12	18	22	1
175°	2	2	4	4	2	0
180°	2	2	2	2	2	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	955.1	955.1	955.1	955.1	955.1
2.5°	961.0	959.0	949.2	957.0	953.1
5°	959.0	957.0	947.2	955.1	953.1
7.5°	951.1	951.1	945.2	953.1	951.1
10°	943.3	943.3	937.3	947.2	945.2
12.5°	931.4	933.4	929.5	941.3	939.3
15°	917.7	921.6	919.6	931.4	931.4
17.5°	901.9	905.8	905.8	919.6	919.6
20°	882.2	888.1	892.1	907.8	907.8
22.5°	862.5	870.4	876.3	890.1	896.0
25°	838.9	848.7	858.6	876.3	876.3
27.5°	815.3	827.1	838.9	856.6	858.6
30°	787.7	801.5	817.2	834.9	838.9
32.5°	760.1	777.8	793.6	815.3	821.2
35°	730.6	748.3	770.0	791.6	797.5
37.5°	697.1	718.8	746.3	770.0	775.9
40°	667.6	691.2	718.8	746.3	752.2
42.5°	634.1	659.7	693.2	718.8	728.6
45°	600.6	628.2	663.6	693.2	701.0
47.5°	565.2	596.7	636.1	663.6	673.5
50°	529.7	563.2	604.5	636.1	643.9
52.5°	494.3	529.7	573.0	604.5	614.4
55°	456.9	494.3	539.6	573.0	584.9
57.5°	421.4	458.8	506.1	541.5	553.3
60°	382.0	425.3	472.6	508.1	521.8
62.5°	348.6	387.9	439.1	474.6	486.4
65°	309.2	350.5	403.7	441.1	452.9
67.5°	271.8	315.1	368.2	407.6	419.4
70°	234.3	277.7	334.8	372.2	386.0
72.5°	196.9	242.2	297.4	338.7	352.5
75°	161.5	204.8	263.9	305.2	319.0
77.5°	124.1	171.3	230.4	271.8	287.5
80°	90.6	139.8	198.9	240.2	256.0
82.5°	61.0	110.3	169.4	210.7	226.5
85°	35.4	84.7	143.8	183.1	196.9
87.5°	17.7	65.0	120.1	159.5	173.3
90°	0.0	47.3	100.4	137.8	151.6
92.5°	0.0	45.3	98.5	133.9	147.7
95°	0.0	45.3	96.5	131.9	145.7
97.5°	0.0	43.3	94.5	131.9	143.8
100°	0.0	41.4	94.5	130.0	141.8
102.5°	0.0	39.4	92.6	128.0	139.8
105°	0.0	37.4	90.6	124.1	135.9
107.5°	2.0	37.4	86.6	122.1	133.9
110°	2.0	35.4	82.7	120.1	131.9



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.0	33.5	78.8	116.2	128.0
115°	2.0	33.5	76.8	110.3	124.1
117.5°	2.0	31.5	72.9	106.3	120.1
120°	2.0	31.5	70.9	102.4	114.2
122.5°	2.0	29.5	67.0	98.5	110.3
125°	2.0	27.6	65.0	94.5	106.3
127.5°	2.0	25.6	63.0	90.6	102.4
130°	2.0	23.6	59.1	86.6	96.5
132.5°	2.0	23.6	57.1	80.7	92.6
135°	2.0	21.7	53.2	76.8	86.6
137.5°	2.0	19.7	49.2	72.9	82.7
140°	2.0	17.7	45.3	68.9	76.8
142.5°	2.0	17.7	41.4	63.0	70.9
145°	2.0	15.8	37.4	59.1	65.0
147.5°	2.0	13.8	33.5	53.2	59.1
150°	2.0	13.8	29.5	47.3	53.2
152.5°	2.0	11.8	25.6	43.3	49.2
155°	2.0	9.8	23.6	37.4	43.3
157.5°	2.0	9.8	19.7	31.5	37.4
160°	2.0	7.9	17.7	25.6	31.5
162.5°	2.0	7.9	15.8	21.7	27.6
165°	2.0	5.9	11.8	17.7	21.7
167.5°	2.0	5.9	9.8	13.8	17.7
170°	2.0	3.9	7.9	9.8	13.8
172.5°	2.0	3.9	5.9	5.9	5.9
175°	2.0	2.0	3.9	3.9	2.0
177.5°	2.0	2.0	2.0	2.0	2.0
180°	2.0	2.0	2.0	2.0	2.0

(END OF REPORT)