

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: P567129

Luminaire Tested: **4SNX-SL3-SLW-UNV-CC93-CD-3500K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567129
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-3500K-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, MED LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

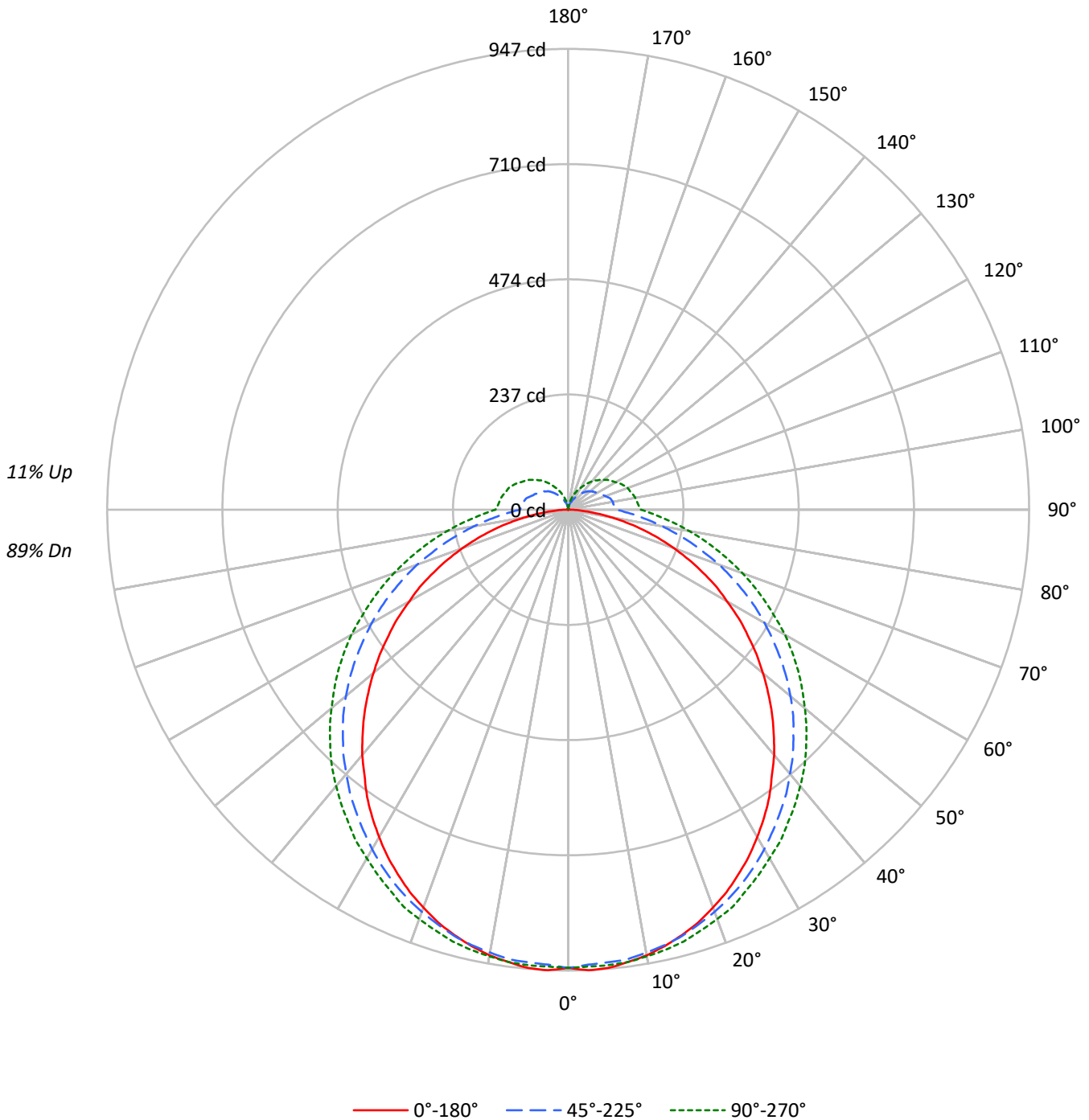
Lumens per Lamp: N/A
Luminaire Lumens: 3351.9 lumens
Efficiency: N/A
Efficacy: 100.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

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

TEST NUMBER: P567129

CATALOG NUMBER: 4SNX-SL3-SLW-UNV-CC93-CD-3500K-MED

Luminous Intensity Polar Plot





TEST NUMBER: P567129

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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°	10135	10135	10135
5°	10198	9874	9866
10°	10127	9675	9622
15°	10026	9470	9397
20°	9889	9236	9147
25°	9728	9006	8885
30°	9538	8754	8626
35°	9329	8492	8383
40°	9089	8233	8150
45°	8830	7972	7898
50°	8534	7693	7617
55°	8209	7360	7340
60°	7826	7004	7032
65°	7432	6604	6643
70°	6878	6162	6263
75°	6145	5602	5842
80°	4953	5034	5427
85°	3484	4544	5000



TEST NUMBER: P567129

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.4	2.7
10°-20°	257.1	7.7
20°-30°	390.9	11.7
30°-40°	474.5	14.2
40°-50°	501.4	15.0
50°-60°	469.2	14.0
60°-70°	385.0	11.5
70°-80°	264.8	7.9
80°-90°	145.0	4.3
90°-100°	93.4	2.8
100°-110°	83.8	2.5
110°-120°	69.3	2.1
120°-130°	53.4	1.6
130°-140°	37.5	1.1
140°-150°	22.6	0.7
150°-160°	10.8	0.3
160°-170°	3.6	0.1
170°-180°	0.4	0.0
0°-30°	737.4	22.0
0°-40°	1211.8	36.2
0°-60°	2182.4	65.1
0°-90°	2977.1	88.8
90°-120°	246.5	7.4
90°-150°	360.0	10.7
90°-180°	375.0	11.2
0°-180°	3351.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	942	942	942	942	942	
5°	946	944	934	942	940	90
15°	905	909	907	918	918	255
25°	827	837	846	864	864	381
35°	720	738	759	780	786	450
45°	592	619	654	683	691	456
55°	450	487	532	565	577	403
65°	305	346	398	435	446	302
75°	159	202	260	301	314	168
85°	35	84	142	181	194	40
90°	0	47	99	136	150	2
95°	0	45	95	130	144	0
105°	0	37	89	122	134	1
115°	2	33	76	109	122	2
125°	2	27	64	93	105	2
135°	2	21	52	76	85	1
145°	2	16	37	58	64	1
155°	2	10	23	37	43	1
165°	2	6	12	18	21	1
175°	2	2	4	4	2	0
180°	2	2	2	2	2	



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CATALOG NUMBER: 4SNX-SL3-SLW-UNV-CC93-CD-3500K-MED

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	941.6	941.6	941.6	941.6	941.6
2.5°	947.4	945.5	935.8	943.5	939.6
5°	945.5	943.5	933.8	941.6	939.6
7.5°	937.7	937.7	931.9	939.6	937.7
10°	929.9	929.9	924.1	933.8	931.9
12.5°	918.3	920.2	916.3	928.0	926.1
15°	904.7	908.6	906.6	918.3	918.3
17.5°	889.2	893.0	893.0	906.6	906.6
20°	869.8	875.6	879.5	895.0	895.0
22.5°	850.3	858.1	863.9	877.5	883.3
25°	827.0	836.7	846.5	863.9	863.9
27.5°	803.7	815.4	827.0	844.5	846.5
30°	776.6	790.2	805.7	823.2	827.0
32.5°	749.4	766.9	782.4	803.7	809.6
35°	720.3	737.7	759.1	780.4	786.3
37.5°	687.3	708.6	735.8	759.1	764.9
40°	658.1	681.4	708.6	735.8	741.6
42.5°	625.1	650.4	683.4	708.6	718.3
45°	592.1	619.3	654.3	683.4	691.1
47.5°	557.2	588.2	627.1	654.3	664.0
50°	522.2	555.2	596.0	627.1	634.8
52.5°	487.3	522.2	565.0	596.0	605.7
55°	450.4	487.3	531.9	565.0	576.6
57.5°	415.5	452.3	498.9	533.9	545.5
60°	376.6	419.3	465.9	500.9	514.5
62.5°	343.6	382.5	432.9	467.9	479.5
65°	304.8	345.6	398.0	434.9	446.5
67.5°	267.9	310.6	363.0	401.9	413.5
70°	231.0	273.7	330.0	366.9	380.5
72.5°	194.1	238.8	293.2	333.9	347.5
75°	159.2	201.9	260.1	300.9	314.5
77.5°	122.3	168.9	227.1	267.9	283.4
80°	89.3	137.8	196.1	236.9	252.4
82.5°	60.2	108.7	167.0	207.7	223.3
85°	34.9	83.5	141.7	180.6	194.1
87.5°	17.5	64.1	118.4	157.3	170.8
90°	0.0	46.6	99.0	135.9	149.5
92.5°	0.0	44.7	97.1	132.0	145.6
95°	0.0	44.7	95.1	130.1	143.7
97.5°	0.0	42.7	93.2	130.1	141.7
100°	0.0	40.8	93.2	128.1	139.8
102.5°	0.0	38.8	91.2	126.2	137.8
105°	0.0	36.9	89.3	122.3	134.0
107.5°	1.9	36.9	85.4	120.4	132.0
110°	1.9	34.9	81.5	118.4	130.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.9	33.0	77.7	114.5	126.2
115°	1.9	33.0	75.7	108.7	122.3
117.5°	1.9	31.1	71.8	104.8	118.4
120°	1.9	31.1	69.9	101.0	112.6
122.5°	1.9	29.1	66.0	97.1	108.7
125°	1.9	27.2	64.1	93.2	104.8
127.5°	1.9	25.2	62.1	89.3	101.0
130°	1.9	23.3	58.2	85.4	95.1
132.5°	1.9	23.3	56.3	79.6	91.2
135°	1.9	21.4	52.4	75.7	85.4
137.5°	1.9	19.4	48.5	71.8	81.5
140°	1.9	17.5	44.7	67.9	75.7
142.5°	1.9	17.5	40.8	62.1	69.9
145°	1.9	15.5	36.9	58.2	64.1
147.5°	1.9	13.6	33.0	52.4	58.2
150°	1.9	13.6	29.1	46.6	52.4
152.5°	1.9	11.6	25.2	42.7	48.5
155°	1.9	9.7	23.3	36.9	42.7
157.5°	1.9	9.7	19.4	31.1	36.9
160°	1.9	7.8	17.5	25.2	31.1
162.5°	1.9	7.8	15.5	21.4	27.2
165°	1.9	5.8	11.6	17.5	21.4
167.5°	1.9	5.8	9.7	13.6	17.5
170°	1.9	3.9	7.8	9.7	13.6
172.5°	1.9	3.9	5.8	5.8	5.8
175°	1.9	1.9	3.9	3.9	1.9
177.5°	1.9	1.9	1.9	1.9	1.9
180°	1.9	1.9	1.9	1.9	1.9

(END OF REPORT)