

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: P566325

Luminaire Tested: **4SNX-33SL-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566325
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-33SL-UNV-L950-CD
Description: 4FT 3300 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

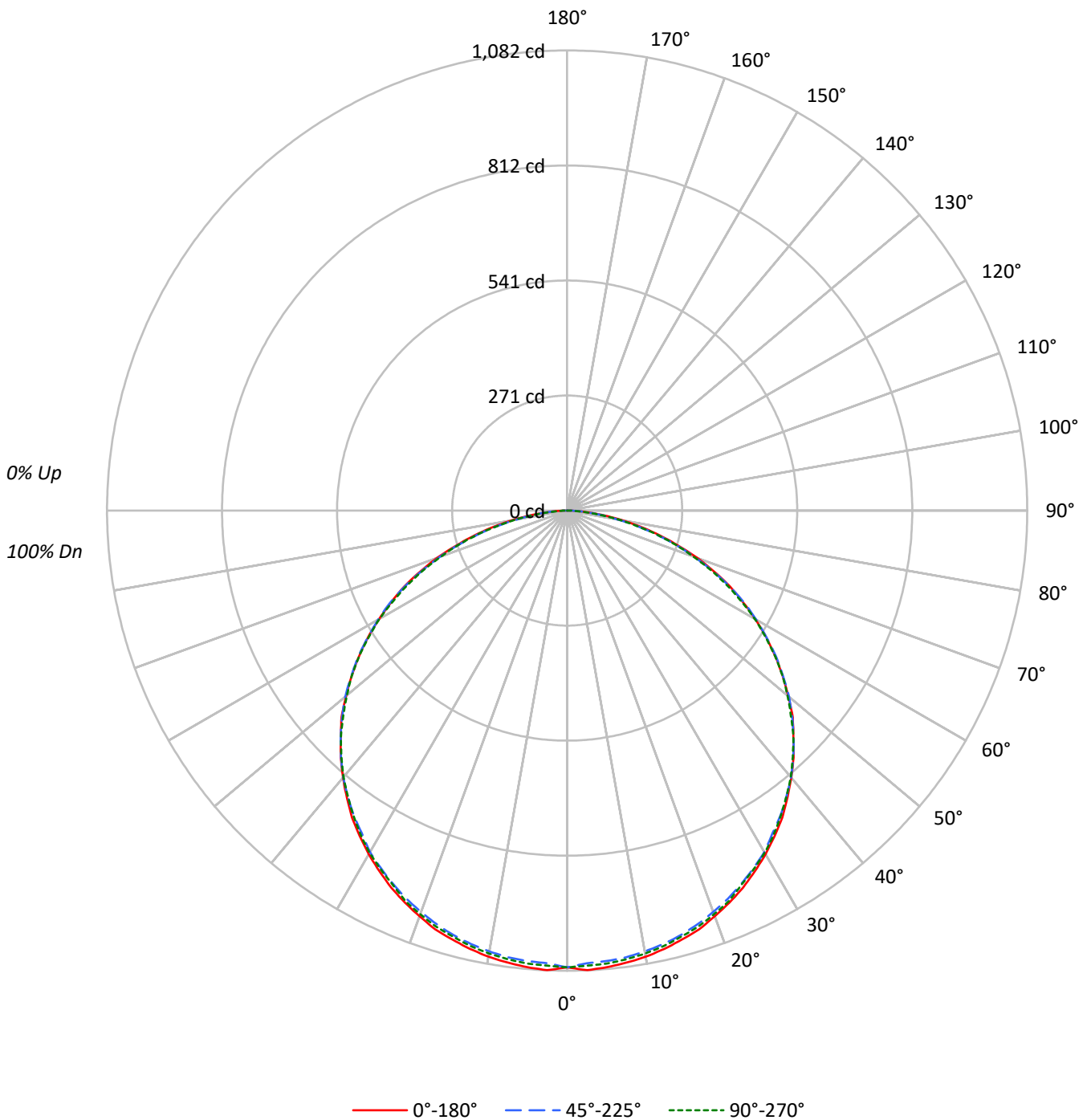
Lumens per Lamp: N/A
Luminaire Lumens: 3211.0 lumens
Efficiency: N/A
Efficacy: 152.2 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 21.1
Input Voltage (V): NR
Input Current (A_{in}): 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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	11559	11559	11559
5°	11646	11489	11552
10°	11643	11506	11558
15°	11634	11516	11558
20°	11627	11505	11572
25°	11619	11504	11527
30°	11595	11523	11548
35°	11586	11498	11510
40°	11521	11508	11494
45°	11452	11467	11452
50°	11369	11402	11320
55°	11219	11254	11200
60°	10999	11039	10977
65°	10774	10700	10552
70°	10244	10030	9907
75°	9357	9037	9079
80°	8083	7482	7662
85°	6089	5842	5249



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.9	3.2
10°-20°	293.6	9.1
20°-30°	449.2	14.0
30°-40°	549.2	17.1
40°-50°	580.9	18.1
50°-60°	535.3	16.7
60°-70°	412.5	12.8
70°-80°	231.1	7.2
80°-90°	57.4	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	844.6	26.3
0°-40°	1393.8	43.4
0°-60°	2510.0	78.2
0°-90°	3211.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3211.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1074	1074	1074	1074	1074	
5°	1078	1074	1063	1074	1069	102
15°	1044	1042	1033	1042	1037	295
25°	978	976	969	976	971	451
35°	882	880	875	878	876	551
45°	752	755	753	752	752	581
55°	598	603	600	600	597	534
65°	423	423	420	410	414	416
75°	225	222	217	210	218	239
85°	49	46	47	47	42	61
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1073.9	1073.9	1073.9	1073.9	1073.9
2.5°	1081.6	1076.8	1065.2	1075.8	1071.0
5°	1077.8	1073.9	1063.3	1073.9	1069.1
7.5°	1072.0	1069.1	1059.4	1069.1	1064.3
10°	1065.2	1062.3	1052.7	1062.3	1057.5
12.5°	1055.6	1053.6	1044.0	1053.6	1048.8
15°	1044.0	1042.0	1033.4	1042.0	1037.2
17.5°	1032.4	1028.5	1019.8	1029.5	1025.6
20°	1015.0	1013.1	1004.4	1013.1	1010.2
22.5°	997.6	995.7	988.0	995.7	993.8
25°	978.3	976.4	968.6	976.4	970.6
27.5°	956.1	957.1	948.4	953.2	950.3
30°	932.9	932.9	927.1	929.1	929.1
32.5°	907.8	907.8	899.1	904.9	903.9
35°	881.7	879.8	875.0	877.9	875.9
37.5°	850.8	849.9	847.0	848.9	847.0
40°	819.9	820.9	819.0	818.0	818.0
42.5°	788.1	790.0	787.1	786.1	785.2
45°	752.3	755.2	753.3	752.3	752.3
47.5°	719.5	720.5	717.6	716.6	713.7
50°	678.9	682.8	680.9	678.9	676.0
52.5°	638.4	644.2	640.3	638.4	638.4
55°	597.8	602.6	599.7	599.7	596.8
57.5°	555.3	560.1	556.3	556.3	552.4
60°	510.9	515.7	512.8	509.9	509.9
62.5°	466.5	470.3	469.4	464.5	461.6
65°	423.0	423.0	420.1	409.5	414.3
67.5°	373.7	372.8	368.9	358.3	365.1
70°	325.5	325.5	318.7	306.1	314.8
72.5°	273.3	276.2	267.5	258.8	267.5
75°	225.0	222.1	217.3	209.6	218.3
77.5°	178.7	173.8	168.0	164.2	169.0
80°	130.4	127.5	120.7	120.7	123.6
82.5°	88.8	86.0	81.1	82.1	78.2
85°	49.3	46.4	47.3	47.3	42.5
87.5°	20.3	20.3	20.3	18.3	16.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)