

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: P566322

Luminaire Tested: **4SNX-33SL-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566322
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-L930-CD
Description: 4FT 3300 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

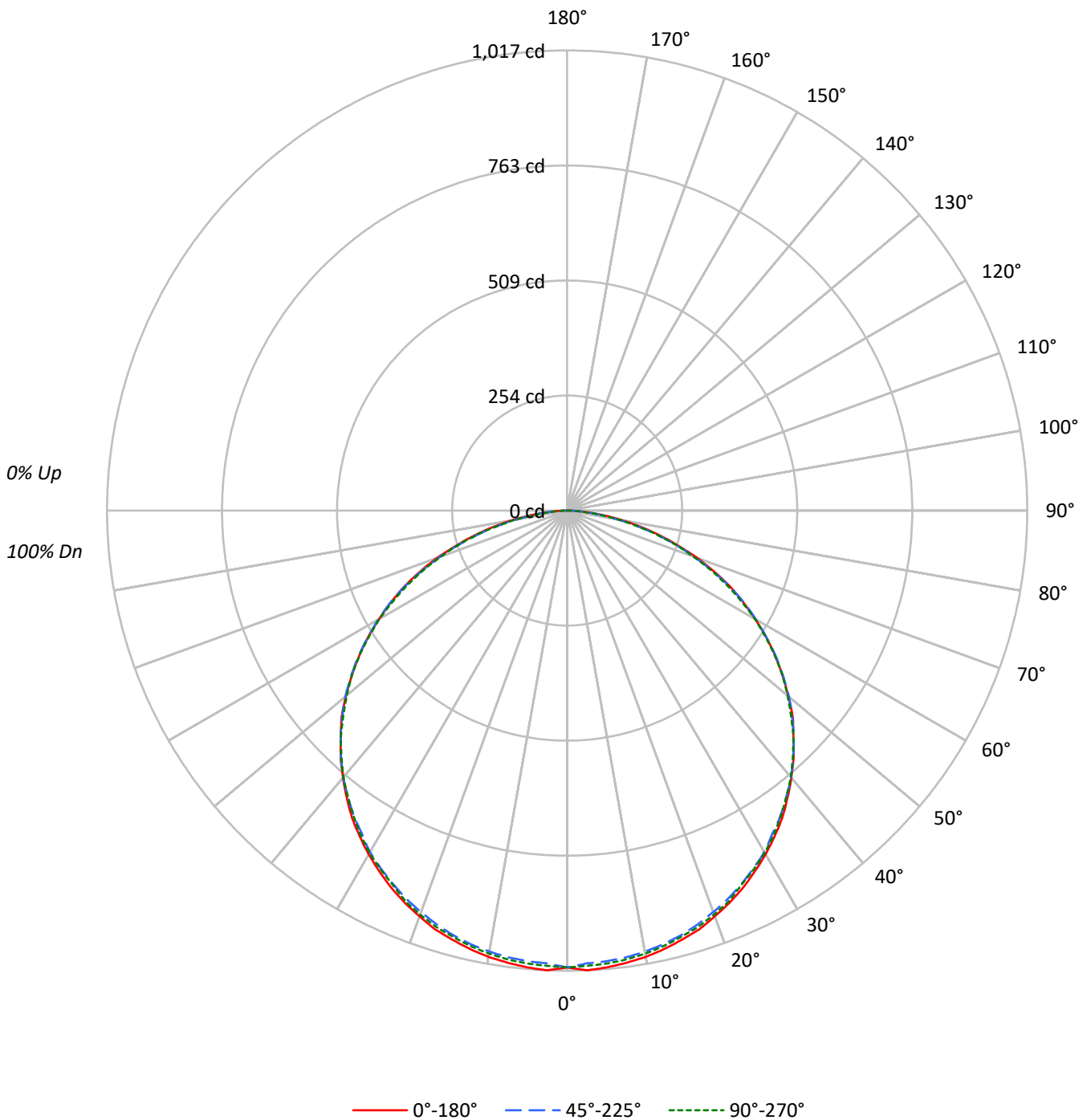
Lumens per Lamp: N/A
Luminaire Lumens: 3019.0 lumens
Efficiency: N/A
Efficacy: 143.1 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 21.1
Input Voltage (V): NR
Input Current (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: P566322

CATALOG NUMBER: 4SNX-33SL-UNV-L930-CD

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°	10868	10868	10868
5°	10949	10802	10861
10°	10946	10817	10868
15°	10939	10827	10867
20°	10931	10817	10880
25°	10924	10816	10837
30°	10902	10834	10857
35°	10893	10811	10822
40°	10832	10819	10807
45°	10767	10781	10767
50°	10689	10719	10644
55°	10549	10582	10530
60°	10340	10381	10320
65°	10129	10060	9920
70°	9630	9429	9316
75°	8800	8497	8534
80°	7600	7036	7203
85°	5718	5496	4940



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.8	3.2
10°-20°	276.0	9.1
20°-30°	422.3	14.0
30°-40°	516.3	17.1
40°-50°	546.2	18.1
50°-60°	503.3	16.7
60°-70°	387.8	12.8
70°-80°	217.3	7.2
80°-90°	54.0	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°	794.1	26.3
0°-40°	1310.4	43.4
0°-60°	2359.9	78.2
0°-90°	3019.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3019.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1010	1010	1010	1010	1010	
5°	1013	1010	1000	1010	1005	96
15°	982	980	972	980	975	277
25°	920	918	911	918	912	424
35°	829	827	823	825	824	518
45°	707	710	708	707	707	546
55°	562	567	564	564	561	502
65°	398	398	395	385	390	391
75°	212	209	204	197	205	224
85°	46	44	44	44	40	57
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1009.7	1009.7	1009.7	1009.7	1009.7
2.5°	1017.0	1012.4	1001.5	1011.5	1007.0
5°	1013.3	1009.7	999.7	1009.7	1005.2
7.5°	1007.9	1005.2	996.1	1005.2	1000.6
10°	1001.5	998.8	989.7	998.8	994.3
12.5°	992.5	990.6	981.6	990.6	986.1
15°	981.6	979.7	971.6	979.7	975.2
17.5°	970.7	967.0	958.9	967.9	964.3
20°	954.3	952.5	944.3	952.5	949.8
22.5°	938.0	936.2	928.9	936.2	934.3
25°	919.8	918.0	910.7	918.0	912.5
27.5°	898.9	899.8	891.7	896.2	893.5
30°	877.1	877.1	871.7	873.5	873.5
32.5°	853.5	853.5	845.4	850.8	849.9
35°	829.0	827.2	822.7	825.4	823.6
37.5°	800.0	799.0	796.3	798.1	796.3
40°	770.9	771.8	770.0	769.1	769.1
42.5°	740.9	742.7	740.0	739.1	738.2
45°	707.3	710.1	708.2	707.3	707.3
47.5°	676.5	677.4	674.6	673.7	671.0
50°	638.3	642.0	640.1	638.3	635.6
52.5°	600.2	605.6	602.0	600.2	600.2
55°	562.1	566.6	563.9	563.9	561.1
57.5°	522.1	526.6	523.0	523.0	519.4
60°	480.3	484.9	482.2	479.4	479.4
62.5°	438.6	442.2	441.3	436.8	434.0
65°	397.7	397.7	395.0	385.0	389.5
67.5°	351.4	350.5	346.9	336.9	343.2
70°	306.0	306.0	299.6	287.8	296.0
72.5°	257.0	259.7	251.5	243.3	251.5
75°	211.6	208.8	204.3	197.0	205.2
77.5°	168.0	163.4	158.0	154.4	158.9
80°	122.6	119.9	113.5	113.5	116.2
82.5°	83.5	80.8	76.3	77.2	73.5
85°	46.3	43.6	44.5	44.5	40.0
87.5°	19.1	19.1	19.1	17.3	15.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)