

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: P568158

Luminaire Tested: **8SNX-96SL-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P568158
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: 8SNX-96SL-UNV-L930-CD
Description: 8FT 9600 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

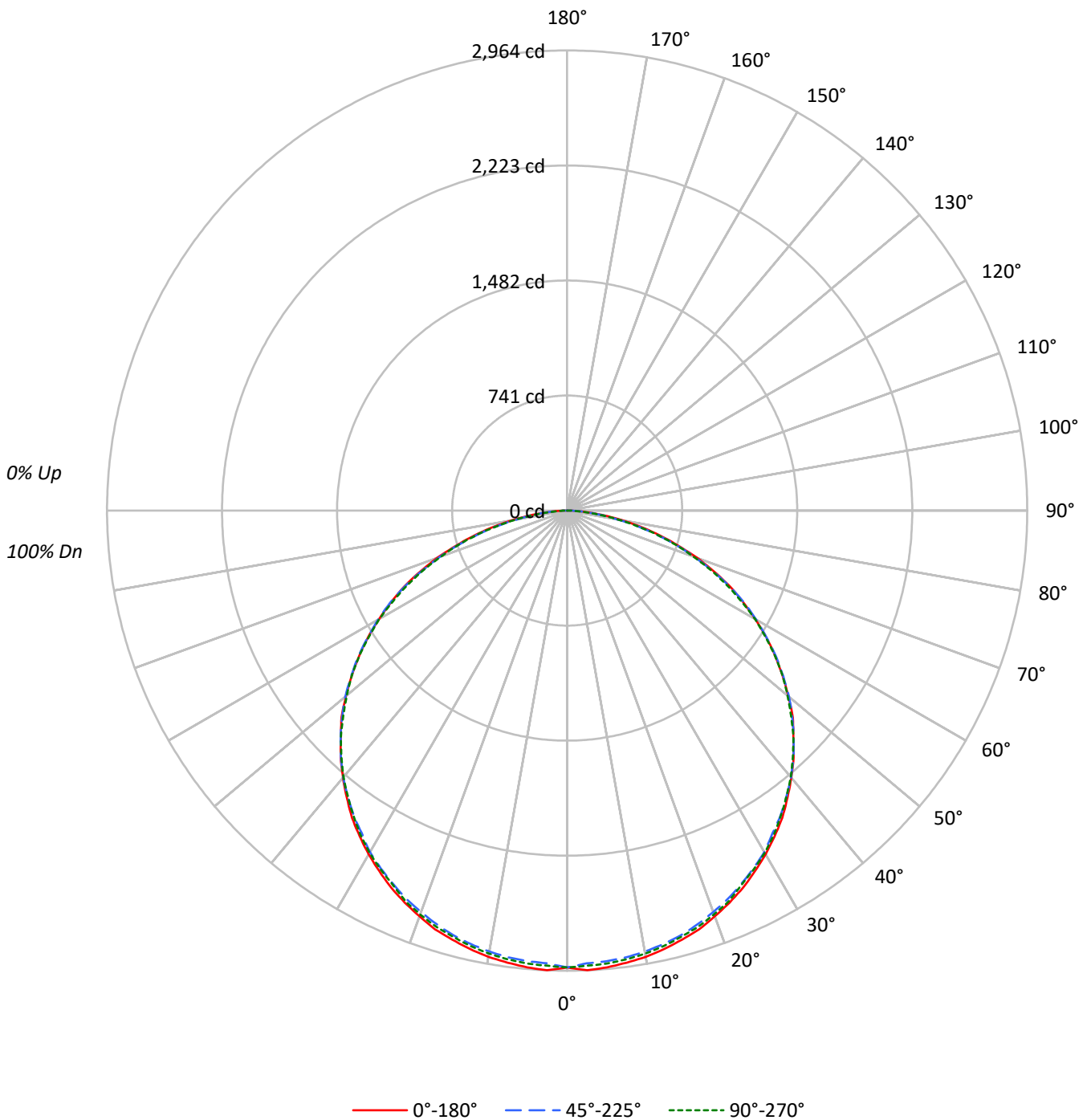
Lumens per Lamp: N/A
Luminaire Lumens: 8798.0 lumens
Efficiency: N/A
Efficacy: 137.0 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')
CIE Type: Direct

Input Watts (W): 64.2
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°	15836	15836	15836
5°	15954	15740	15826
10°	15951	15763	15835
15°	15938	15775	15835
20°	15928	15762	15852
25°	15918	15761	15792
30°	15886	15787	15820
35°	15873	15751	15768
40°	15784	15765	15747
45°	15689	15710	15689
50°	15575	15620	15509
55°	15369	15418	15344
60°	15067	15124	15039
65°	14760	14659	14457
70°	14032	13740	13574
75°	12820	12381	12435
80°	11071	10253	10497
85°	8336	8009	7188



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	279.1	3.2
10°-20°	804.3	9.1
20°-30°	1230.7	14.0
30°-40°	1504.7	17.1
40°-50°	1591.7	18.1
50°-60°	1466.6	16.7
60°-70°	1130.1	12.8
70°-80°	633.2	7.2
80°-90°	157.4	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°	2314.2	26.3
0°-40°	3818.9	43.4
0°-60°	6877.3	78.2
0°-90°	8798.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8798.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2942	2942	2942	2942	2942	
5°	2953	2942	2913	2942	2929	281
15°	2860	2855	2831	2855	2842	808
25°	2680	2675	2654	2675	2659	1235
35°	2416	2411	2397	2405	2400	1510
45°	2061	2069	2064	2061	2061	1592
55°	1638	1651	1643	1643	1635	1463
65°	1159	1159	1151	1122	1135	1140
75°	616	609	595	574	598	654
85°	135	127	130	130	116	167
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2942.5	2942.5	2942.5	2942.5	2942.5
2.5°	2963.7	2950.4	2918.7	2947.8	2934.5
5°	2953.1	2942.5	2913.4	2942.5	2929.3
7.5°	2937.2	2929.3	2902.8	2929.3	2916.0
10°	2918.7	2910.7	2884.3	2910.7	2897.5
12.5°	2892.2	2886.9	2860.5	2886.9	2873.7
15°	2860.5	2855.2	2831.3	2855.2	2841.9
17.5°	2828.7	2818.1	2794.3	2820.8	2810.2
20°	2781.1	2775.8	2752.0	2775.8	2767.8
22.5°	2733.4	2728.1	2707.0	2728.1	2722.9
25°	2680.5	2675.2	2654.1	2675.2	2659.3
27.5°	2619.7	2622.3	2598.5	2611.7	2603.8
30°	2556.2	2556.2	2540.3	2545.6	2545.6
32.5°	2487.4	2487.4	2463.5	2479.4	2476.8
35°	2415.9	2410.6	2397.4	2405.3	2400.0
37.5°	2331.2	2328.6	2320.6	2325.9	2320.6
40°	2246.6	2249.2	2243.9	2241.3	2241.3
42.5°	2159.2	2164.5	2156.6	2153.9	2151.3
45°	2061.3	2069.3	2064.0	2061.3	2061.3
47.5°	1971.4	1974.0	1966.1	1963.4	1955.5
50°	1860.2	1870.8	1865.5	1860.2	1852.3
52.5°	1749.1	1765.0	1754.4	1749.1	1749.1
55°	1637.9	1651.2	1643.2	1643.2	1635.3
57.5°	1521.5	1534.7	1524.2	1524.2	1513.6
60°	1399.8	1413.0	1405.1	1397.2	1397.2
62.5°	1278.1	1288.7	1286.0	1272.8	1264.8
65°	1159.0	1159.0	1151.1	1122.0	1135.2
67.5°	1024.0	1021.4	1010.8	981.7	1000.2
70°	891.7	891.7	873.2	838.8	862.6
72.5°	748.9	756.8	733.0	709.2	733.0
75°	616.5	608.6	595.4	574.2	598.0
77.5°	489.5	476.3	460.4	449.8	463.1
80°	357.2	349.3	330.8	330.8	338.7
82.5°	243.4	235.5	222.3	224.9	214.3
85°	135.0	127.0	129.7	129.7	116.4
87.5°	55.6	55.6	55.6	50.3	45.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)