

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: P567246

Luminaire Tested: **8SNX-114SL-UNV-L930-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567246  
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-114SL-UNV-L930-CD  
Description: 8FT 11400 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

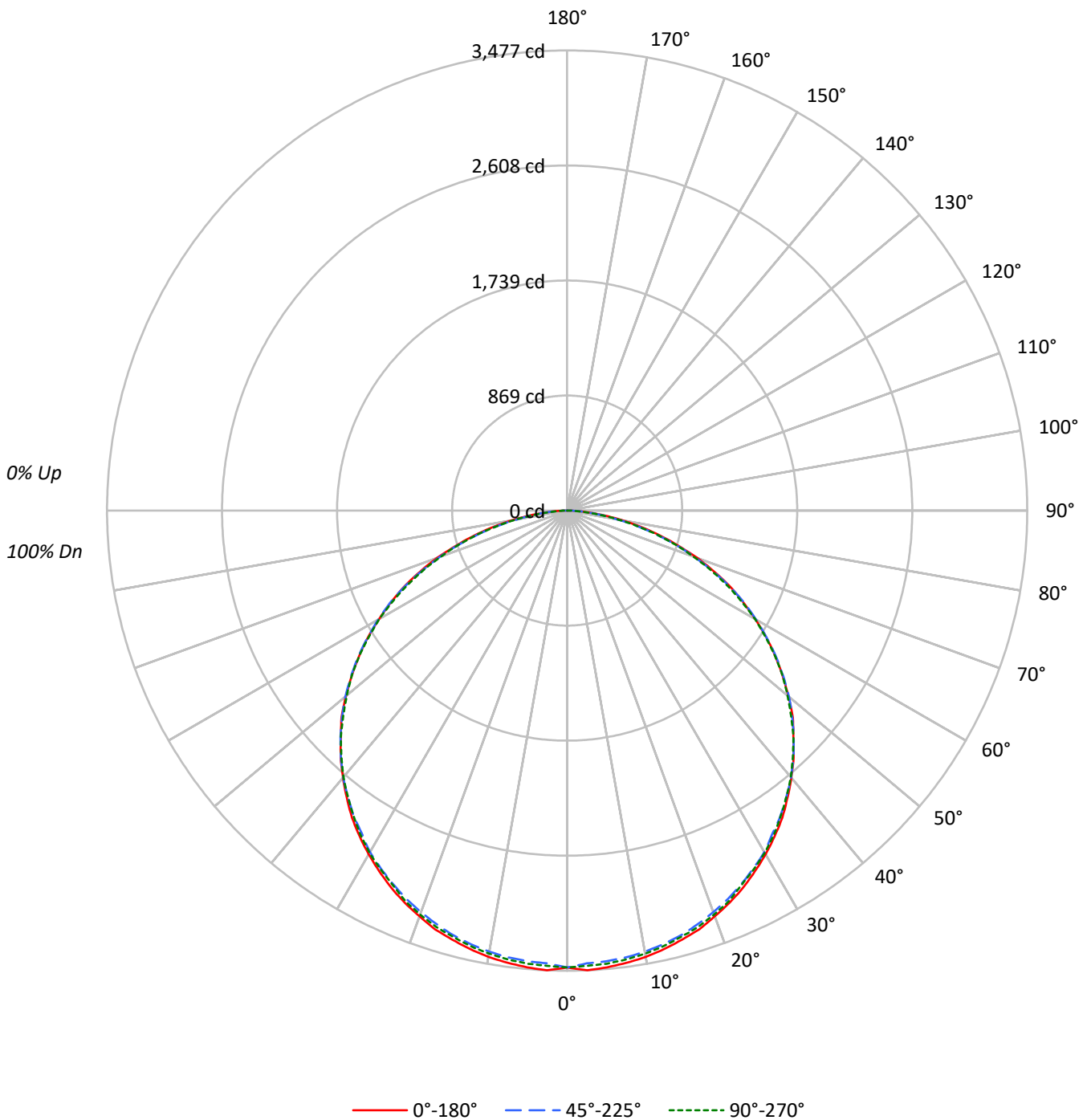
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10322.0 lumens  
Efficiency: N/A  
Efficacy: 130.0 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): 79.4  
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	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°	18580	18580	18580
5°	18718	18466	18567
10°	18713	18493	18578
15°	18698	18508	18578
20°	18687	18492	18598
25°	18675	18491	18528
30°	18637	18521	18560
35°	18622	18480	18500
40°	18517	18496	18474
45°	18407	18431	18407
50°	18274	18326	18195
55°	18032	18090	18003
60°	17678	17744	17644
65°	17317	17198	16960
70°	16463	16121	15926
75°	15041	14525	14589
80°	12989	12029	12317
85°	9775	9392	8435



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	327.5	3.2
10°-20°	943.7	9.1
20°-30°	1443.9	14.0
30°-40°	1765.4	17.1
40°-50°	1867.5	18.1
50°-60°	1720.7	16.7
60°-70°	1325.9	12.8
70°-80°	742.9	7.2
80°-90°	184.7	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°	2715.0	26.3
0°-40°	4480.4	43.4
0°-60°	8068.6	78.2
0°-90°	10322.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10322.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3452	3452	3452	3452	3452	
5°	3465	3452	3418	3452	3437	329
15°	3356	3350	3322	3350	3334	948
25°	3145	3139	3114	3139	3120	1449
35°	2834	2828	2813	2822	2816	1771
45°	2418	2428	2422	2418	2418	1868
55°	1922	1937	1928	1928	1919	1716
65°	1360	1360	1350	1316	1332	1338
75°	723	714	698	674	702	767
85°	158	149	152	152	137	195
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3452.2	3452.2	3452.2	3452.2	3452.2
2.5°	3477.0	3461.5	3424.2	3458.4	3442.9
5°	3464.6	3452.2	3418.0	3452.2	3436.7
7.5°	3446.0	3436.7	3405.6	3436.7	3421.1
10°	3424.2	3414.9	3383.9	3414.9	3399.4
12.5°	3393.2	3387.0	3355.9	3387.0	3371.5
15°	3355.9	3349.7	3321.8	3349.7	3334.2
17.5°	3318.7	3306.3	3278.3	3309.4	3297.0
20°	3262.8	3256.6	3228.7	3256.6	3247.3
22.5°	3206.9	3200.7	3175.9	3200.7	3194.5
25°	3144.8	3138.6	3113.8	3138.6	3120.0
27.5°	3073.4	3076.5	3048.6	3064.1	3054.8
30°	2998.9	2998.9	2980.3	2986.5	2986.5
32.5°	2918.2	2918.2	2890.3	2908.9	2905.8
35°	2834.4	2828.2	2812.7	2822.0	2815.8
37.5°	2735.0	2731.9	2722.6	2728.8	2722.6
40°	2635.7	2638.8	2632.6	2629.5	2629.5
42.5°	2533.3	2539.5	2530.2	2527.0	2523.9
45°	2418.4	2427.7	2421.5	2418.4	2418.4
47.5°	2312.8	2315.9	2306.6	2303.5	2294.2
50°	2182.5	2194.9	2188.7	2182.5	2173.1
52.5°	2052.1	2070.7	2058.3	2052.1	2052.1
55°	1921.7	1937.2	1927.9	1927.9	1918.6
57.5°	1785.1	1800.6	1788.2	1788.2	1775.8
60°	1642.3	1657.8	1648.5	1639.2	1639.2
62.5°	1499.5	1511.9	1508.8	1493.3	1483.9
65°	1359.8	1359.8	1350.5	1316.3	1331.8
67.5°	1201.4	1198.3	1185.9	1151.8	1173.5
70°	1046.2	1046.2	1024.5	984.1	1012.1
72.5°	878.6	887.9	859.9	832.0	859.9
75°	723.3	714.0	698.5	673.7	701.6
77.5°	574.3	558.8	540.2	527.8	543.3
80°	419.1	409.8	388.1	388.1	397.4
82.5°	285.6	276.3	260.8	263.9	251.5
85°	158.3	149.0	152.1	152.1	136.6
87.5°	65.2	65.2	65.2	59.0	52.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)