

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: P567345

Luminaire Tested: **8SNX-126SL-UNV-L950-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567345  
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-126SL-UNV-L950-CD  
Description: 8FT 12600 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

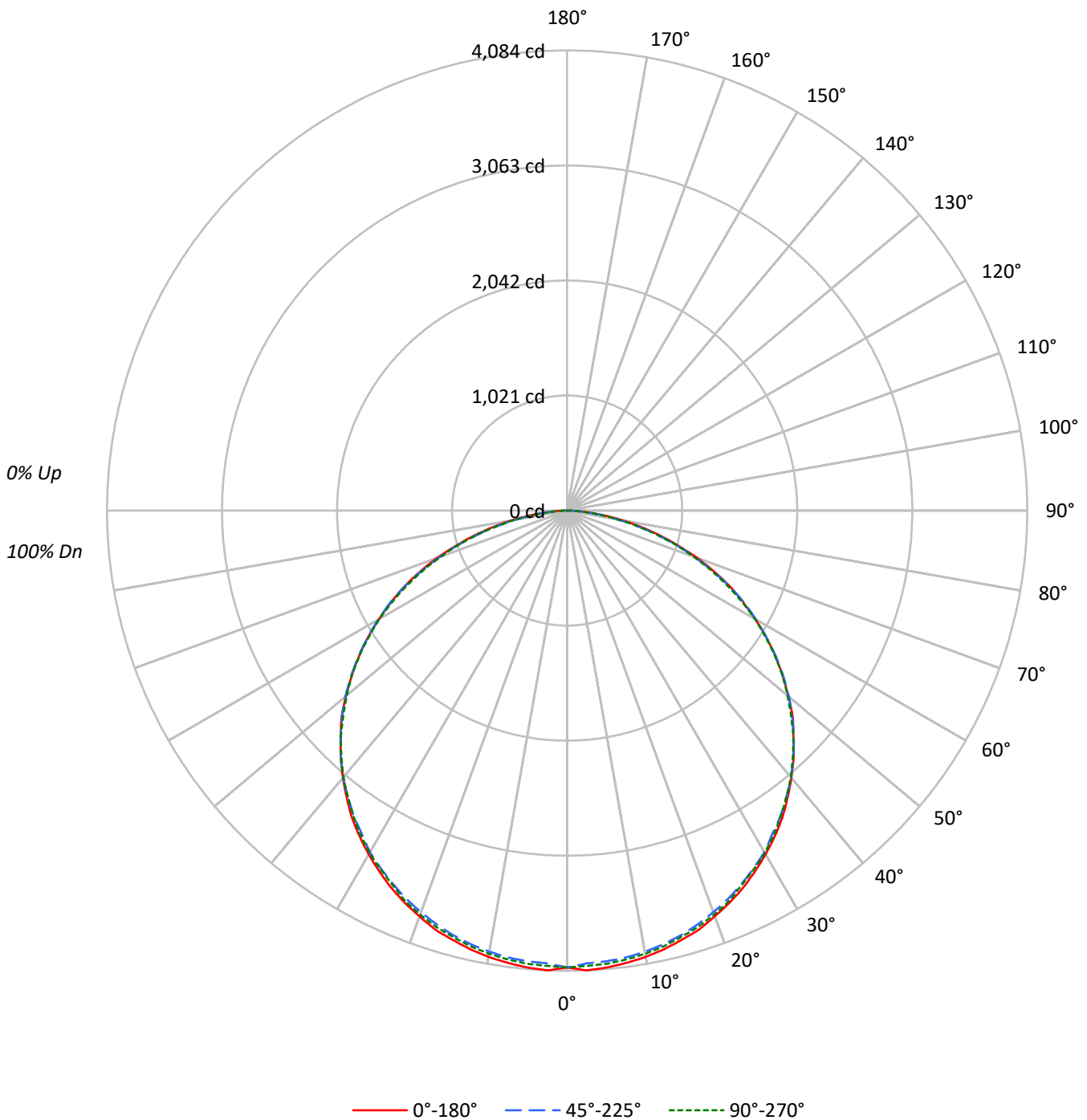
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12125.0 lumens  
Efficiency: N/A  
Efficacy: 136.5 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): 88.8  
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: P567345  
CATALOG NUMBER: 8SNX-126SL-UNV-L950-CD

### Luminous Intensity Polar Plot





TEST NUMBER: P567345

CATALOG NUMBER: 8SNX-126SL-UNV-L950-CD

**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°	21825	21825	21825
5°	21987	21692	21810
10°	21982	21723	21823
15°	21965	21741	21823
20°	21951	21722	21847
25°	21937	21721	21764
30°	21893	21757	21802
35°	21875	21708	21731
40°	21752	21727	21701
45°	21622	21650	21622
50°	21465	21527	21373
55°	21181	21249	21147
60°	20765	20843	20726
65°	20341	20201	19924
70°	19339	18936	18707
75°	17669	17062	17139
80°	15258	14127	14468
85°	11486	11035	9911



TEST NUMBER: P567345

CATALOG NUMBER: 8SNX-126SL-UNV-L950-CD

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	384.7	3.2
10°-20°	1108.5	9.1
20°-30°	1696.1	14.0
30°-40°	2073.8	17.1
40°-50°	2193.7	18.1
50°-60°	2021.2	16.7
60°-70°	1557.5	12.8
70°-80°	872.7	7.2
80°-90°	216.9	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°	3189.3	26.3
0°-40°	5263.1	43.4
0°-60°	9477.9	78.2
0°-90°	12125.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12125.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4055	4055	4055	4055	4055	
5°	4070	4055	4015	4055	4037	387
15°	3942	3935	3902	3935	3917	1114
25°	3694	3687	3658	3687	3665	1703
35°	3330	3322	3304	3315	3308	2080
45°	2841	2852	2844	2841	2841	2195
55°	2257	2276	2265	2265	2254	2016
65°	1597	1597	1586	1546	1564	1571
75°	850	839	820	791	824	901
85°	186	175	179	179	160	230
90°	0	0	0	0	0	



TEST NUMBER: P567345

CATALOG NUMBER: 8SNX-126SL-UNV-L950-CD

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	4055.2	4055.2	4055.2	4055.2	4055.2
2.5°	4084.4	4066.1	4022.4	4062.5	4044.3
5°	4069.8	4055.2	4015.1	4055.2	4037.0
7.5°	4047.9	4037.0	4000.5	4037.0	4018.7
10°	4022.4	4011.4	3975.0	4011.4	3993.2
12.5°	3985.9	3978.6	3942.1	3978.6	3960.4
15°	3942.1	3934.9	3902.0	3934.9	3916.6
17.5°	3898.4	3883.8	3851.0	3887.4	3872.9
20°	3832.7	3825.5	3792.6	3825.5	3814.5
22.5°	3767.1	3759.8	3730.6	3759.8	3752.5
25°	3694.2	3686.9	3657.7	3686.9	3665.0
27.5°	3610.3	3613.9	3581.1	3599.4	3588.4
30°	3522.8	3522.8	3500.9	3508.2	3508.2
32.5°	3428.0	3428.0	3395.1	3417.0	3413.4
35°	3329.5	3322.2	3304.0	3314.9	3307.6
37.5°	3212.8	3209.1	3198.2	3205.5	3198.2
40°	3096.1	3099.7	3092.5	3088.8	3088.8
42.5°	2975.8	2983.0	2972.1	2968.5	2964.8
45°	2840.8	2851.8	2844.5	2840.8	2840.8
47.5°	2716.8	2720.5	2709.5	2705.9	2695.0
50°	2563.7	2578.3	2571.0	2563.7	2552.7
52.5°	2410.5	2432.4	2417.8	2410.5	2410.5
55°	2257.3	2275.6	2264.6	2264.6	2253.7
57.5°	2096.9	2115.1	2100.5	2100.5	2085.9
60°	1929.1	1947.4	1936.4	1925.5	1925.5
62.5°	1761.4	1776.0	1772.3	1754.1	1743.2
65°	1597.3	1597.3	1586.3	1546.2	1564.5
67.5°	1411.3	1407.6	1393.1	1352.9	1378.5
70°	1229.0	1229.0	1203.4	1156.0	1188.8
72.5°	1032.0	1043.0	1010.2	977.3	1010.2
75°	849.7	838.8	820.5	791.3	824.2
77.5°	674.7	656.4	634.5	619.9	638.2
80°	492.3	481.4	455.8	455.8	466.8
82.5°	335.5	324.6	306.3	310.0	295.4
85°	186.0	175.0	178.7	178.7	160.5
87.5°	76.6	76.6	76.6	69.3	62.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)