

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: P567342

Luminaire Tested: **8SNX-126SL-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567342
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-L930-CD
Description: 8FT 12600 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

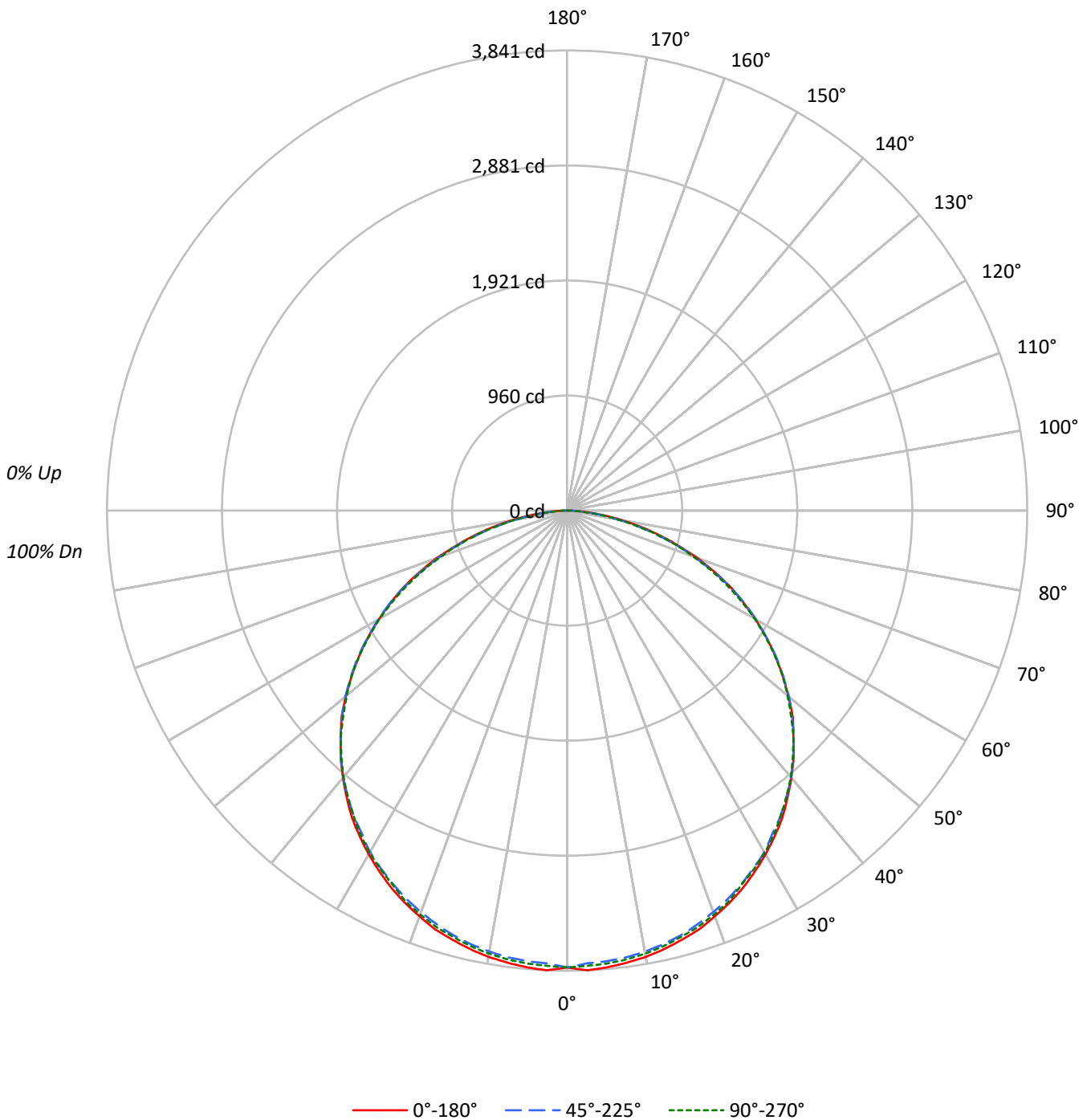
Lumens per Lamp: N/A
Luminaire Lumens: 11402.0 lumens
Efficiency: N/A
Efficacy: 128.4 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')
CIE Type: Direct

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

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	20524	20524	20524
5°	20676	20398	20509
10°	20671	20428	20522
15°	20655	20445	20522
20°	20643	20427	20545
25°	20629	20425	20466
30°	20587	20459	20502
35°	20571	20413	20436
40°	20455	20431	20407
45°	20333	20359	20333
50°	20185	20243	20099
55°	19918	19982	19886
60°	19527	19601	19490
65°	19128	18996	18735
70°	18186	17808	17593
75°	16615	16045	16116
80°	14350	13287	13606
85°	10800	10374	9318



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	361.8	3.2
10°-20°	1042.4	9.1
20°-30°	1594.9	14.0
30°-40°	1950.1	17.1
40°-50°	2062.9	18.1
50°-60°	1900.7	16.7
60°-70°	1464.6	12.8
70°-80°	820.6	7.2
80°-90°	204.0	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°	2999.1	26.3
0°-40°	4949.2	43.4
0°-60°	8912.8	78.2
0°-90°	11402.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11402.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3813	3813	3813	3813	3813	
5°	3827	3813	3776	3813	3796	364
15°	3707	3700	3669	3700	3683	1047
25°	3474	3467	3440	3467	3446	1601
35°	3131	3124	3107	3117	3110	1956
45°	2671	2682	2675	2671	2671	2064
55°	2123	2140	2130	2130	2119	1896
65°	1502	1502	1492	1454	1471	1477
75°	799	789	772	744	775	847
85°	175	165	168	168	151	216
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3813.4	3813.4	3813.4	3813.4	3813.4
2.5°	3840.8	3823.7	3782.5	3820.2	3803.1
5°	3827.1	3813.4	3775.7	3813.4	3796.2
7.5°	3806.5	3796.2	3762.0	3796.2	3779.1
10°	3782.5	3772.2	3737.9	3772.2	3755.1
12.5°	3748.2	3741.4	3707.1	3741.4	3724.2
15°	3707.1	3700.2	3669.4	3700.2	3683.1
17.5°	3665.9	3652.2	3621.3	3655.6	3641.9
20°	3604.2	3597.3	3566.5	3597.3	3587.1
22.5°	3542.5	3535.6	3508.2	3535.6	3528.8
25°	3473.9	3467.0	3439.6	3467.0	3446.5
27.5°	3395.0	3398.4	3367.6	3384.7	3374.4
30°	3312.7	3312.7	3292.1	3299.0	3299.0
32.5°	3223.5	3223.5	3192.7	3213.3	3209.8
35°	3131.0	3124.1	3107.0	3117.2	3110.4
37.5°	3021.2	3017.8	3007.5	3014.4	3007.5
40°	2911.5	2914.9	2908.1	2904.6	2904.6
42.5°	2798.3	2805.2	2794.9	2791.5	2788.0
45°	2671.4	2681.7	2674.9	2671.4	2671.4
47.5°	2554.8	2558.3	2548.0	2544.5	2534.3
50°	2410.8	2424.5	2417.7	2410.8	2400.5
52.5°	2266.8	2287.3	2273.6	2266.8	2266.8
55°	2122.7	2139.9	2129.6	2129.6	2119.3
57.5°	1971.9	1989.0	1975.3	1975.3	1961.6
60°	1814.1	1831.3	1821.0	1810.7	1810.7
62.5°	1656.4	1670.1	1666.6	1649.5	1639.2
65°	1502.0	1502.0	1491.7	1454.0	1471.2
67.5°	1327.1	1323.7	1310.0	1272.3	1296.3
70°	1155.7	1155.7	1131.7	1087.1	1118.0
72.5°	970.5	980.8	949.9	919.1	949.9
75°	799.0	788.7	771.6	744.2	775.0
77.5°	634.4	617.3	596.7	583.0	600.1
80°	463.0	452.7	428.7	428.7	439.0
82.5°	315.5	305.2	288.1	291.5	277.8
85°	174.9	164.6	168.0	168.0	150.9
87.5°	72.0	72.0	72.0	65.2	58.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)