

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: P567339

Luminaire Tested: **8SNX-126SL-UNV-L835-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567339
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-L835-CD
Description: 8FT 12600 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

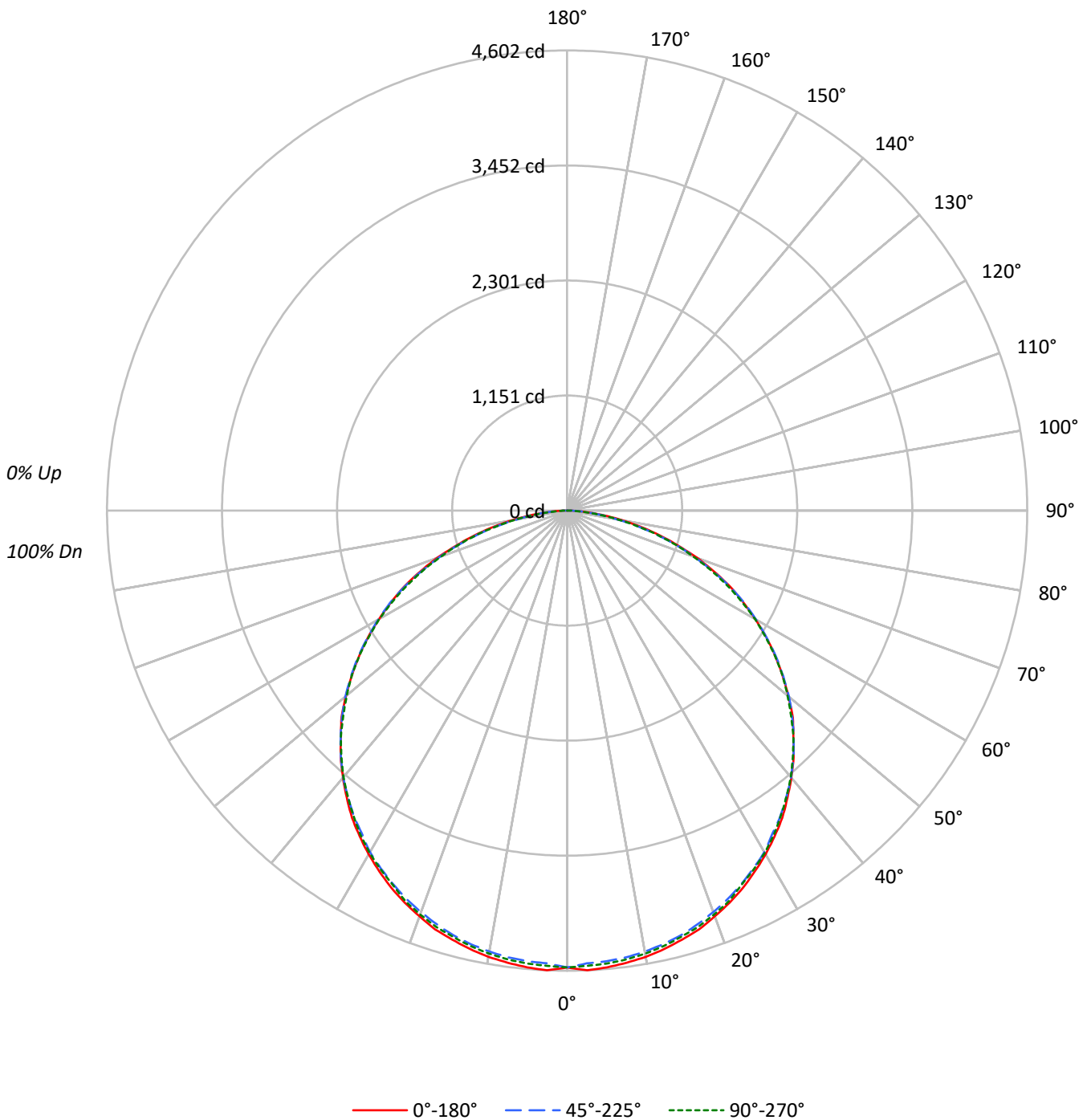
Lumens per Lamp: N/A
Luminaire Lumens: 13661.0 lumens
Efficiency: N/A
Efficacy: 153.8 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')
CIE Type: Direct

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	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°	24590	24590	24590
5°	24772	24439	24573
10°	24767	24475	24588
15°	24747	24495	24587
20°	24732	24474	24614
25°	24716	24472	24521
30°	24666	24513	24564
35°	24647	24457	24484
40°	24508	24479	24450
45°	24361	24392	24361
50°	24184	24254	24081
55°	23864	23941	23826
60°	23395	23484	23351
65°	22918	22761	22446
70°	21788	21336	21077
75°	19906	19224	19310
80°	17192	15918	16299
85°	12937	12430	11165



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	433.4	3.2
10°-20°	1248.9	9.1
20°-30°	1910.9	14.0
30°-40°	2336.5	17.1
40°-50°	2471.6	18.1
50°-60°	2277.3	16.7
60°-70°	1754.8	12.8
70°-80°	983.2	7.2
80°-90°	244.4	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°	3593.3	26.3
0°-40°	5929.8	43.4
0°-60°	10678.6	78.2
0°-90°	13661.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13661.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4569	4569	4569	4569	4569	
5°	4585	4569	4524	4569	4548	436
15°	4442	4433	4396	4433	4413	1255
25°	4162	4154	4121	4154	4129	1918
35°	3751	3743	3722	3735	3727	2344
45°	3201	3213	3205	3201	3201	2472
55°	2543	2564	2552	2552	2539	2271
65°	1800	1800	1787	1742	1763	1770
75°	957	945	924	892	929	1015
85°	210	197	201	201	181	259
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4568.9	4568.9	4568.9	4568.9	4568.9
2.5°	4601.8	4581.2	4531.9	4577.1	4556.6
5°	4585.3	4568.9	4523.7	4568.9	4548.4
7.5°	4560.7	4548.4	4507.3	4548.4	4527.8
10°	4531.9	4519.6	4478.5	4519.6	4499.1
12.5°	4490.8	4482.6	4441.5	4482.6	4462.1
15°	4441.5	4433.3	4396.3	4433.3	4412.8
17.5°	4392.2	4375.8	4338.8	4379.9	4363.5
20°	4318.3	4310.1	4273.1	4310.1	4297.7
22.5°	4244.3	4236.1	4203.2	4236.1	4227.9
25°	4162.1	4153.9	4121.1	4153.9	4129.3
27.5°	4067.6	4071.8	4034.8	4055.3	4043.0
30°	3969.0	3969.0	3944.4	3952.6	3952.6
32.5°	3862.2	3862.2	3825.2	3849.9	3845.8
35°	3751.3	3743.1	3722.5	3734.8	3726.6
37.5°	3619.8	3615.7	3603.4	3611.6	3603.4
40°	3488.3	3492.4	3484.2	3480.1	3480.1
42.5°	3352.7	3360.9	3348.6	3344.5	3340.4
45°	3200.7	3213.0	3204.8	3200.7	3200.7
47.5°	3061.0	3065.1	3052.8	3048.7	3036.4
50°	2888.4	2904.9	2896.7	2888.4	2876.1
52.5°	2715.9	2740.5	2724.1	2715.9	2715.9
55°	2543.3	2563.8	2551.5	2551.5	2539.2
57.5°	2362.5	2383.1	2366.6	2366.6	2350.2
60°	2173.5	2194.1	2181.7	2169.4	2169.4
62.5°	1984.5	2001.0	1996.8	1976.3	1964.0
65°	1799.6	1799.6	1787.3	1742.1	1762.6
67.5°	1590.1	1586.0	1569.5	1524.3	1553.1
70°	1384.6	1384.6	1355.9	1302.5	1339.4
72.5°	1162.8	1175.1	1138.1	1101.1	1138.1
75°	957.3	945.0	924.5	891.6	928.6
77.5°	760.1	739.6	714.9	698.5	719.0
80°	554.7	542.4	513.6	513.6	525.9
82.5°	378.0	365.7	345.1	349.2	332.8
85°	209.5	197.2	201.3	201.3	180.8
87.5°	86.3	86.3	86.3	78.1	69.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)