

SNL SERIES

LED Sanitube Food Service Strip



HUBBELL
Industrial Lighting

CAT.#		APPROVALS
JOB	TYPE	

SPECIFICATIONS

Applications -

- Standard for wet locations such as food processing, commercial kitchens, industrial areas, under awnings, cold storage, clean rooms, car washes and breweries

Features -

- Low wattage LED Sanitube ideal for many food processing applications
- Internal optical diffuser used for controlled, soft, uniform light distribution without pixilation
- Tested to National Sanitation Foundation (NSF) for splash zone rating; IP65 & IP66 rated
- Heavy duty one-piece non-metallic housing with gasketed ends caps & corrosion resistant stainless steel hardware prevents water entry & rust
- Long-life LEDs at L80 (80% lumen maintenance) at 60,000 hours reduce life cycle maintenance costs
- Mounting: wall, ceiling or suspended
- Available in 4' and 8' lengths
- Up to 100 lumens per watt
- Color Rendering Index (CRI) > 80

Construction -

- Extruded acrylic enclosure eliminates risk of residue buildup
- Frosted optical diffuser reduces glare
- Certain airborne contaminants can diminish integrity of acrylic. Contact factory for chemical compatibility
- Stainless steel end caps sealed with neoprene gasket
- Threaded center stud end cap ensuring positive mechanical seal
- Stainless steel mounting brackets included
- Watertight cord system available
- Weight: 4 - 12 lbs.
8 - 24 lbs.

Electrical -

- Input Voltage Range: 100-277 VAC Nom. (90-305 V Min/Max)
- Frequency: 50/60 Hz Nom. (47-63 Hz Min/Max)
- Active Power Factor Correction
- Power Factor: >0.90 @ full load, 100V through 277V



- Inrush Current: 60 Amps max @ 230 VAC, cold start 25°C
- Harmonic Distortion: THD < 20% @ full load
- Protection: Over-Voltage, Over-Temperature (110°) & Short Circuit with self-recovery
- Compliant to FCC Part 15 requirements for EMI/RFI emissions
- NEC/CEC compliant ballast disconnect is standard
- Optional surge protection: ANSI Std. C62.41.2 Category A (10 kV)

Certifications -

- All Luminaires are built to UL1598 standards, and bear appropriate cCSAus labels for wet locations
- Adheres to LM79, LM80 and TM21 industry standards
- Please refer to the Lighting Facts website for specific product qualifications at www.lightingfacts.com

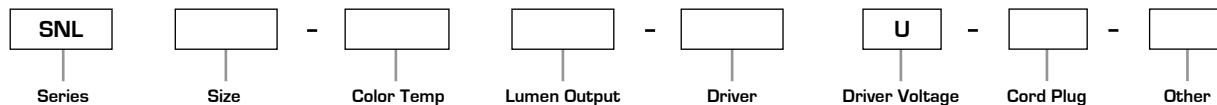
Warranty -

- Five year-warranty standard (Terms and Conditions Apply)



ORDERING INFORMATION

ORDERING EXAMPLE: SNL4-30WW-EU-CWH6



SERIES

SNL	LED Sanitube Food Service Strip
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SIZE

4	4'
8	8'

COLOR TEMP

30	3000K
35	3500K
40	4000K
50	5000K

LUMEN OUTPUT

VW	Very Low Watts
HL	High Lumens
VL	Very High Lumens
XL	Extra High Lumens

DRIVER

E	Fixed Output
ED	0-10V Dimming ¹
ED1	0-10V Dimming 1% ¹

DRIVER VOLTAGE

U	Universal 120-277VAC
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CORD PLUG

CWH6	6' Watertight Cord, No Plug
CWH12	12' Watertight Cord, No Plug
CWH25	25' Watertight Cord, No Plug

OPTIONS

LSP	Lighting Surge Protector
PWCS	Palletized Wide Single Carton
PNCS	Palletized Narrow Single Carton

Notes:

- Must be used in conjunction with lighting controls.

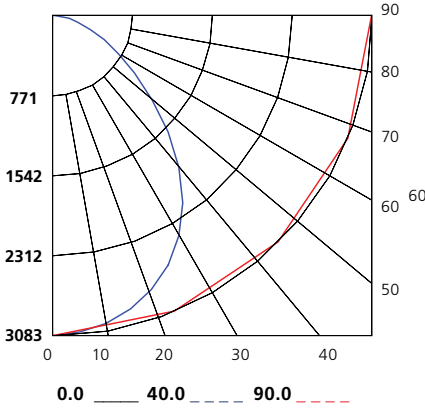
PHOTOMETRIC REPORT: SNL-4-40-HL-EDU | L04141604

LUMINAIRE DATA

SNL-4-40-HL-EDU	
4' SNL fixture with high output	
BALLAST LED96W-034-C2800-M-D	
Lamp	LED
Lumens	8,861
Watts	93
Efficacy	95
Mounting	Wall, Suspended, Ceiling
Spacing Criterion (0-DEG)	1.20
Spacing Criterion (DEG-90)	1.26

ZONE	LUMENS	% FIXT.
0-30	2,366	27.0
0-40	3,830	43.0
0-60	6,488	73.0
0-90	8,338	94.0

INDOOR CANDELA PLOT



OPERATING ENVIRONMENT

Proposed System	Min Temp	Max Temp
SNL-4-XL	-30°C/-22°F	30°C/86°F
SNL-4-LW	-30°C/-22°F	35°C/95°F
SNL-4-ML	-30°C/-22°F	35°C/95°F
SNL-4-HL	-30°C/-22°F	30°C/86°F
SNL-8-XL	-30°C/-22°F	30°C/86°F
SNL-8-LW	-30°C/-22°F	35°C/95°F
SNL-8-ML	-30°C/-22°F	35°C/95°F
SNL-8-HL	-30°C/-22°F	30°C/86°F

Application Notes

1. Application temperatures are provided to ensure the longevity and performance of the driver and LEDs.
2. Results are based off the In-Situ Temperature Measurement Test (ISTMT) along with the drivers' temperature and life curves.
3. Hubbell Industrial's 5 year warranty assumes operation at the maximum ambient temperature range.

COEFFICIENTS OF UTILIZATION (%)

RCR	RC 80				RC 70				RC 50				RC 0	
	RW	70	50	30	10	70	50	30	10	50	30	10	0	0
0	118	118	118	118	118	114	114	114	114	108	108	108	108	94
1	107	102	97	93	103	99	95	91	94	90	87	87	77	77
2	97	89	82	76	94	86	80	75	82	77	72	72	65	65
3	89	78	70	63	86	76	68	62	72	65	61	61	55	55
4	81	69	61	54	79	68	59	53	64	57	52	52	47	47
5	75	62	53	47	72	61	52	46	58	51	45	45	41	41
6	69	56	47	41	67	55	46	40	52	45	40	40	36	36
7	64	51	42	36	62	50	42	36	48	40	35	35	32	32
8	60	46	38	32	58	45	37	32	44	37	31	31	28	28
9	56	43	35	29	54	42	34	29	40	33	28	28	26	26
10	52	39	32	26	51	39	31	26	37	30	26	26	23	23

RCR = Room Cavity Ratio RC = Effective Ceiling Cavity Reflectance RW = Wall Reflectance

AVG. LUMINANCE [Candela/Sq. M.]

	0.0	22.5	45.0	67.5	90.0
0	3083	3083	3083	3083	3083
5	3059	3062	3069	3065	3058
10	3010	3012	3020	3018	3015
15	2926	2930	2943	2949	2954
20	2807	2816	2842	2861	2869
25	2649	2668	2716	2744	2752
30	2447	2484	2559	2595	2606
35	2199	2264	2371	2423	2437
40	1906	2002	2154	2230	2251
45	1582	1715	1917	2024	2052
50	1257	1412	1668	1803	1836
55	968	1123	1419	1574	1613
60	750	890	1198	1370	1415
65	554	668	968	1151	1197
70	396	490	764	941	986
75	257	352	589	750	794
80	170	252	447	588	628
85	50	142	341	459	494

LUMEN PACKAGE OPTIONS

4000K DETAILS*

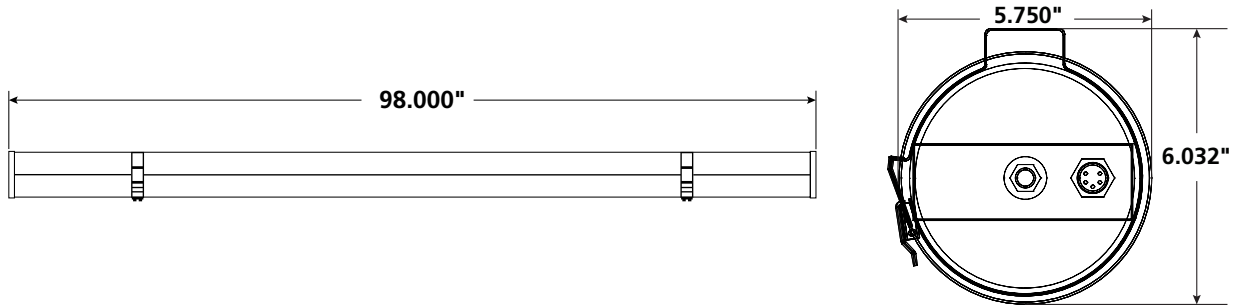
5000K DETAILS**

Proposed System	Lumen Output	CRI	CCT	Lumens Per Fixture	Input Watts	Lumens Per Watt	CCT	Lumens Per Fixture	Input Watts	Lumens Per Watt
SNL-4-VW	VW	>80	4000K	3289	25.5	129.0	5000K	3398	25.5	133.2
SNL-4-HL	HL	>80	4000K	5209	42.5	122.6	5000K	5381	42.5	126.6
SNL-4-VL	VL	>80	4000K	6873	53.1	129.4	5000K	7100	53.1	133.7
SNL-4-XL	XL	>80	4000K	8787	71.4	123.1	5000K	9077	71.4	127.1
SNL-8-VW	VW	>80	4000K	6578	51.0	129.0	5000K	6795	51.0	133.2
SNL-8-HL	HL	>80	4000K	10,418	85.0	122.6	5000K	10,762	85.0	126.6
SNL-8-VL	VL	>80	4000K	1,3746	106.2	129.4	5000K	14,200	106.2	133.7
SNL-8-XL	XL	>80	4000K	17,574	142.8	123.1	5000K	18,154	142.8	127.1

*Lumen values shown are initial delivered lumens tested at 25°C per IES LM-79 standards.

**Lumen values calculated with 1.033 multiplier based on LED manufacturer data.

DIMENSIONS



REMOVABLE DRIVER ACCESS

SUSPENDED

BRACKET
Included



STAINLESS STEEL 1/4" x 2-1/2" EYE BOLT
Order Separately (Part #95011500)



STAINLESS STEEL 10' № 2 GRIPPLE LOOP
Order Separately (Part #95003312)



SUSPENDED

BRACKET
Included



STAINLESS STEEL 15' № 2 SINGLE TOGGLE
Order Separately (Part #95011499)



SURFACE

BRACKET
Included



STAINLESS STEEL 1/4" x 2-1/2" CONCRETE SCREW
Order Separately (Part #95011498)



CEILING

