

**Upgrade fluorescent  
U-Bend lamps to LED  
for more CCT choices**

**Features:**

- CCT Selectable
- Direct replacement for fluorescent U-bend lamps
- Dual mode models compatible with ballast or in ballast bypass configurations
- Shatterproof tube
- Single or double-ended wiring when installed for ballast bypass operation
- Compatible with select emergency backup and dimming ballasts
- 5 year warranty

**Suggested Applications:**

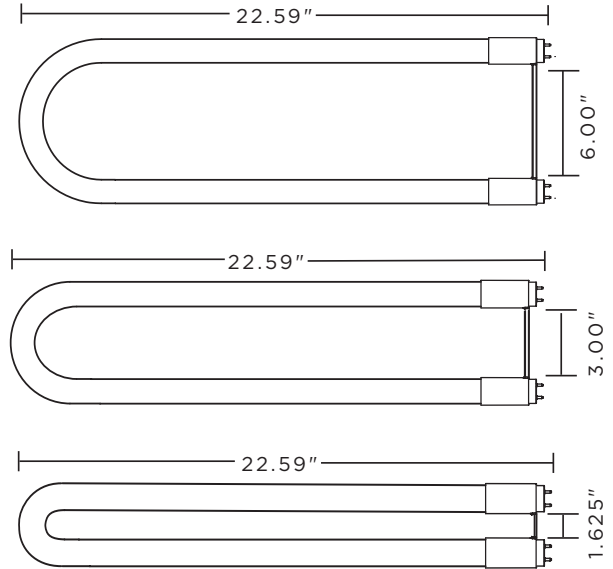
- Commercial
- Hospitality
- Offices
- Retail
- Warehouses
- Factories

SATCO|NUVO's LED T8 U-Bend lamps are CCT selectable and available in 1", 3", and 6" models to provide versatility in a range of applications. 1" and 6" models are Dual Mode to operate in ballast bypass or ballast compatible configurations and the 3" model is ballast bypass. All lamps can be easily installed with single-ended non-shunted sockets or double-ended shunted or non-shunted sockets. Save at least 40% when using LED U-Bend Lamps to replace traditional fluorescent lamps.



**GENERAL SPECIFICATIONS:**

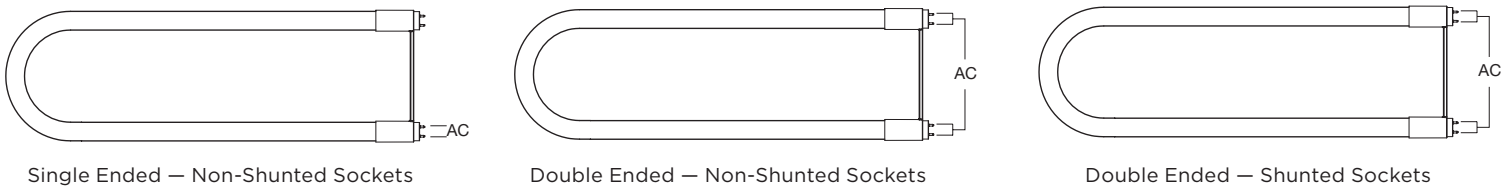
<b>Input Voltage, Frequency:</b>	120-277V, 50/60Hz
<b>Power Factor, THD %:</b>	0.9, 20%
<b>Dimmable:</b>	With select ballasts <sup>^</sup>
<b>Efficacy:</b>	Up to 153 LPW
<b>Functional Life (L70):</b>	50,000 hours
<b>Beam Angle:</b>	160°
<b>Location Rating:</b>	Damp
<b>Ambient Operating Temperature:</b>	-20°C (-4°F) to +45°C (+113°F)
<b>Enclosed Fixture Rating:</b>	Rated for enclosed fixtures
<b>Construction:</b>	Shatterproof plastic
<b>Base:</b>	Medium Bi-Pin
<b>Pin Type:</b>	G13



**Wiring-Ballast Compatible Type A**

- Compatible with emergency and dimming ballasts\*
- For instant start ballasts on the approved list, ensure that LED/fluorescent sockets are wired in a shunt configuration according to manufacturer's wiring diagram.
- For rapid start ballasts on the approved list, non-shunted LED/fluorescent sockets are needed and must be wired according to manufacturer's wiring diagram.

**Wiring Options-Ballast Bypass Type B - 120-277V**



**LED U-Bend Lamps**

Item	Description	UPC	Lumens	Wattage	Input Current @120V/277V	Ballast Type	CCT	Size	DLC ID	Pack Quantity
S18410	13T8/U6/LED/CCT/DUAL	045923184109	1900/1975/1950	13W	0.11-0.05A	Dual Mode - Type A & B	3500/4000/5000K	6"	S-R4NQ0V	12
S18412	13T8/U3/LED/CCT/BP	045923184123	1850/1950/1950	13W	0.11-0.05A	Ballast Bypass - Type B	3000/4000/5000K	3"	--	12
S18411	13T8/U1/LED/CCT/DUAL	045923184116	1900/1975/1950	13W	0.11-0.05A	Dual Mode - Type A & B	3500/4000/5000K	1"	S-KA0DXR	24

**System Performance Chart**

Bare Lamp (Rated)		Bare Lamp Wattage			System Wattage			Initial Lumens			Lifetime		
Nominal Wattage	Nominal Lumens	LBF (0.78)	NBF (0.88)	HBF (1.18)	LBF (0.78)	NBF (0.88)	HBF (1.18)	LBF (0.78)	NBF (0.88)	HBF (1.18)	LBF (0.78)	NBF (0.88)	HBF (1.18) <sup>†</sup>
13	2000	11.0	13.0	18	14.0	16.0	21.0	1750	2000	2600	>50Khrs	>50Khrs	<50Khrs

DLC Primary Use: Dual Mode Internal Driver (UL Type A and Type B) <sup>^</sup>May not be compatible with all ballasts. Please see Satco.com for an approved list. <sup>\*</sup>Lamps are cULus Listed when ballast compatible. <sup>\*\*</sup>Lamps are cULus Classified when ballast is bypassed.