

INTERIOR LIGHTING**LED Interior Lighting T5 HO
Fluorescent Tube Replacement****5 Year Full Product Warranty**

LED T5 HO LED tubes offer a convenient and inexpensive way to replace existing T5 HO fluorescent tubes with energy saving LED tubes.

Major Power Savings - Compared to fluorescent tubes, more than 50% less power usage dramatically reduces energy costs

Lower Maintenance - Lasts 50,000 hours resulting in lower costs by reducing re-lamp frequency, especially in difficult to reach areas that require lifts, scaffolding, etc.

Cool Operation - Remains cool to the touch, fire safe, reduces air conditioning loads significantly

Full strength light up - no buzzing or flickering

No Radiation - No ultraviolet or infrared, No RFI/EMI/HD problems related to fluorescents, especially in hospital radiology areas or around sensitive instruments

Flexible Ambient Temperatures - Greater performance in cold or freezer-type applications where fluorescents have very high failure rates

Environmentally friendly - eliminates the mercury present in fluorescent tubes, fully recyclable, drastically reduces landfill problems caused by fluorescent lights

OPTIONS**OPTION 1****Direct Drive LED T5 Lamps**

Emium "ballast by-pass" LED T5 Lamps eliminate the need to maintain aging T5HO ballasts.

- Uses only 24-Watts
- 50,000 hour L70 rated life
- Over 50% energy savings versus T5 HO 54W fluorescent
- Environmentally friendly, mercury free

OPTION 2**Plug & Play LED T5 Lamps**

Emium Plug & Play LED T5 Lamps replace fluorescent T5 tubes without removing the existing T5 ballast.

- Available in 2, 3 & 4 ft. lengths/14, 18, & 28-watts
- 50,000 hour L70 rated life
- Direct replacement for T5HO lamps
- Compatible with programmable start T5HO electronic ballasts.



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Ordering Guide: T5 LED Lamps: Example: (Type A) EL-SE-T5-18W4FT 5000K (Type B) EL-SE-T5-24W4FT-BPTE 5000K

Fixture Type	Wattage	Length	Voltage Type	CCT (X,X00) Kelvin
EL-SE-T5				
EL-SE-T5 T5 LED Series	14W Type A, ballast compatible 18W Type A, ballast compatible 28W Type A, ballast compatible 24W Type B, direct 120-277VAC	2FT = 2 foot 3FT = 3 foot 4FT = 4 foot	BPTE = By-pass, 120-277VAC, two end input BLANK = Type A, Ballast Compatible	3000K (warm white) 4000K (natural white) 5000K (daylight white)

SPECIFICATIONS

Model	EL-SE-T5-24W4FT-BPTE	EL-SE-T5-14W2FT	EL-SE-T5-18W3FT	EL-SE-T5-28W4FT
Input Voltage	100-277VAC Type B - Line Direct/Ballast By-pass	Ballast Compatible Type A - For use with programmable start T5HO electronic ballasts		
Tube Length	46" Note: The 4 ft. T5 tube is actually 46" in length to fit in a standard T5 fixture	22"	34"	46"
Power	24W	14W	18W	28W
Lumen Output	3,500	1,400 - 1,600 (Ballast Dependent)	1,800 - 2,050 (Ballast Dependent)	2,800 - 3,200 (Ballast Dependent)
Color Temp	3000K, 4000K, 5000K			
Operating Temp	-4°F to +113°F			
Beam Angle	160°			
CRI	> 80 Ra			
Rated Life	> 50,000 hrs.			

Type B, BPTE models – Two End Power Connection

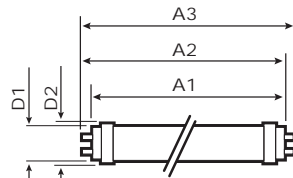
Direct to line voltage - 120-277VAC



Note: Type A models are also designed for two end connection, with the ballast remaining in the circuit.



Dimensions



A1 (nom) - 45.2 in
A2 (nom) - 45.5 in
A3 (nom) - 45.7 in
D1 (nom) - 0.61 in
D2 (nom) - 0.68 in

