



HIGH OUTPUT™ T12 LED Ballast Bypass

The NLI *High Output™ T12* is the premium 360° H.O. retrofit **LED** tube available today.

- **Replaces:** F18T12HO, F24T12HO, F36T12HO, F42T12HO, F48T12HO, F60T12HO, F64T12HO, F72T12HO, F84T12HO, F96T12HO
- Use No Ballast with these T12 Retrofit LED Tubes.
- Built in Universal line voltage input driver. Range: (120v ~ 277v) (50HZ / 60HZ)
- Suitable for Outdoor Signs, Cold Temperatures, & Damp locations.
- This LED tube operates exclusively on direct line voltage input. (Optimal Format for all LED Tubes)
- Bypassing the ballast optimizes lamp life and efficiency and eliminates any ballast anomalies that may exist.
- Operating temperature range is -25°C ~ +40°C.
- Double End power option. (Single End or Double End)
- Rotating end caps (90°) for precise tube positioning
- Field Adjustable CCT. (4,000k, 5,000k, & 6,500k)
- Not for use with Dimmers or Emergency Fixtures
- 360° Full High Output Lighting



Specifications:

Model:	LED-T12HO Tube	Series:	T12-High Output™
Wattages:	7w, 9w, 12w, 15w, 18w, 24w, 26w, 30w, 32w, 36w		
Input Voltage:	Universal voltage driver 120VAC~277VAC		
Color Temp:	4,000k, 5,000k, 6,500k		
Lumens:	See chart at the bottom right of this sheet.		
Viewing Angle:	360 Degrees of Light Output		
Operating Temp:	-25°C ~ +40°C		C.R.I. >83
Life Hours:	50,000Hrs		
Diameter & Base:	1" Tube Diameter	Base:	R17d High Output
Replaces:	High Output T12 Fluorescent Tubes Pack: 10/Pack		

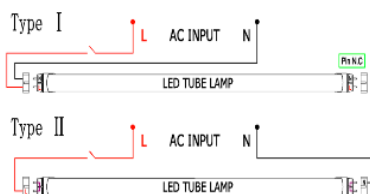
Qualifications:



Features & Special Data:

- Easy Installation with double power input option.
- Bypass the ballast operation. Use no ballast.
- 120v ~ 277v Voltage Input Range
- Eliminates All potential problems with old or incompatible ballasts.
- Huge energy savings combined with Long Life and High Lumen Output.
- Field Selectable color temperature. Switch: 4,000k, 5,000k or 6,500k
- Perfect LED tube replacement for Signs, Coolers, & more.
- 3 Year Limited Warranty

Important Notice:



Ordering:

NLI Ordering Code:

Model Number

LED-FxxT12HO

XX = Length

Length Options, Wattage, Lumens:

18	18"	• 7w • 1,000lm
24	24"	• 9w • 1,250lm
36	36"	• 12w • 1,750lm
42	42"	• 15w • 2,200lm
48	48"	• 18w • 2,500lm
60	60"	• 24w • 3,300lm
64	64"	• 26w • 3,650lm
72	72"	• 30w • 4,150lm
84	84"	• 32w • 4,450lm
96	96"	• 36w • 5,050lm

Field Selectable CCT

4k/5k/65k

4k (4,000k) Cool White
5k (5,000k) Pure white
65k (6,500k) Daylight

It is critical to replace any damaged, broken, worn out or old lamp sockets before installing LED tubes. Failure to do so may result in electrical arcing or short which can lead to lamp failure. The condition of the lamp sockets should be determined solely by a qualified electrician trained in identifying lamp sockets in need of upgrade or replacement *before* converting to high end LED technology.

