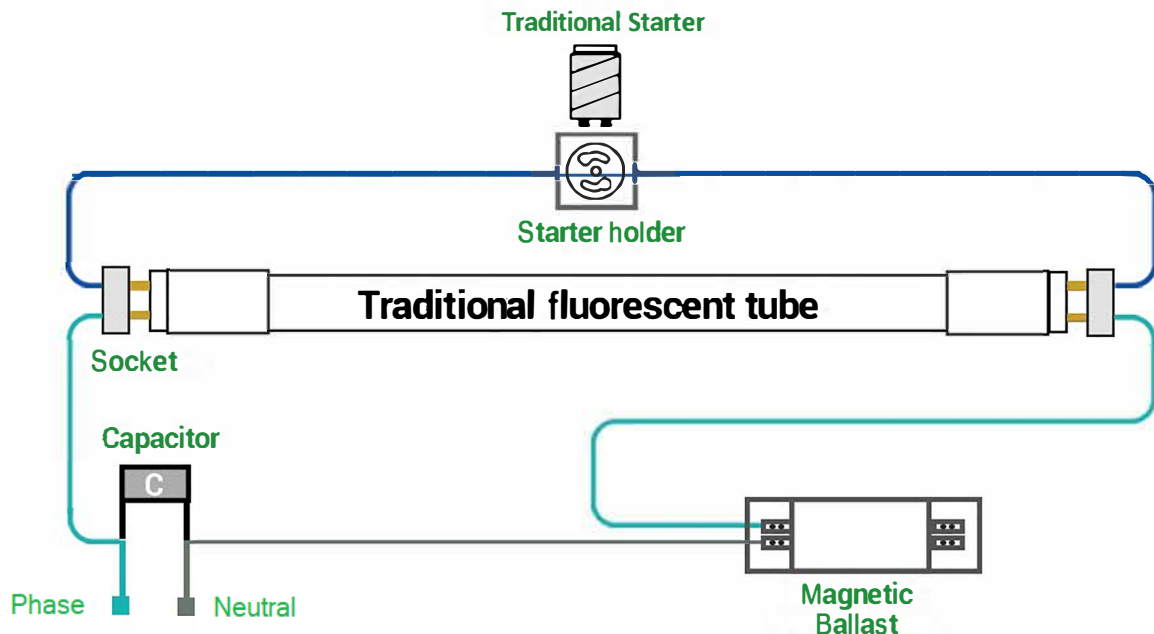


Installation instructions for T8 LED TUBES - Installations with ferromagnetic ballast

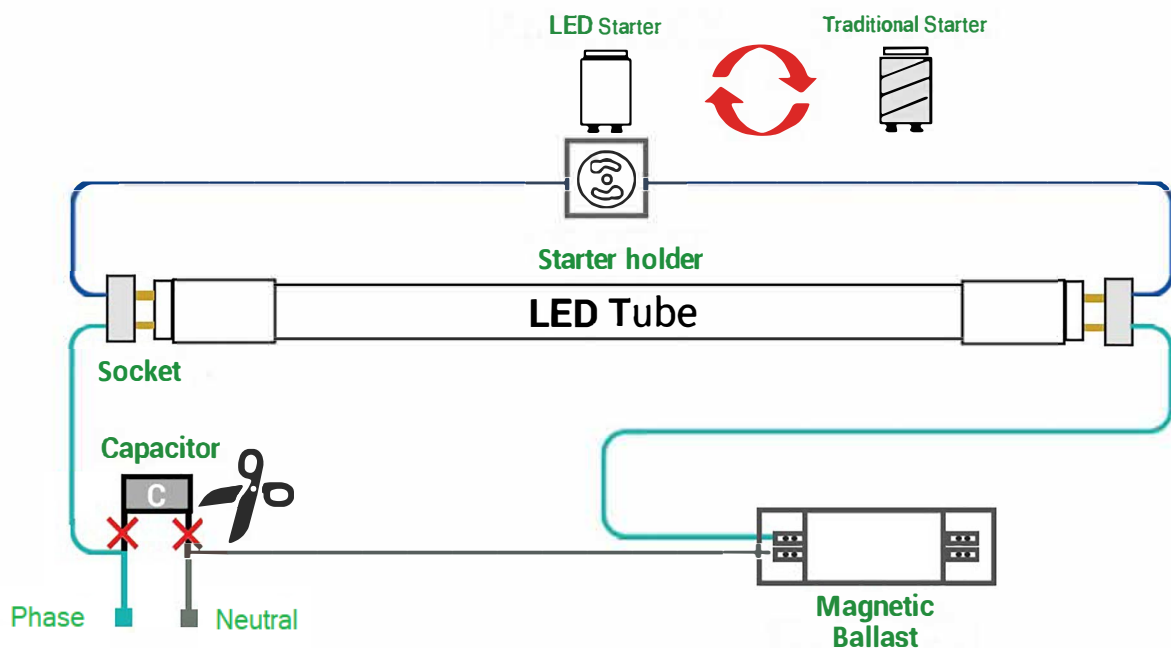
Note: Approximately 90% of fluorescent tube installations use magnetic ballasts.

This is how most traditional Fluorescent tubes
with magnetic ballasts are installed:



STEP-BY-STEP INSTALLATION:

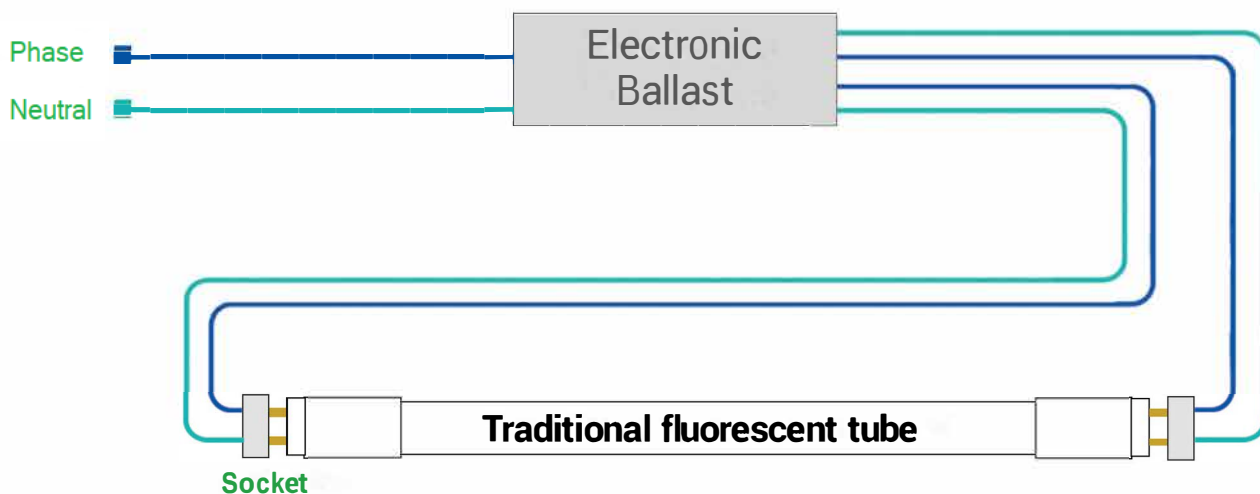
- Step 1:** Turn off power at the electrical service panel and verify that there is no electrical current.
- Step 2:** Remove the old tube and then the starter.
- Step 3:** Install the new LED starter (included with each tube).
- Step 4:** Remove the capacitor (to prevent overvoltage).
- Step 5:** Install the new LED tube.



Installation instructions for T8 LED TUBES - Installations with electronic ballast

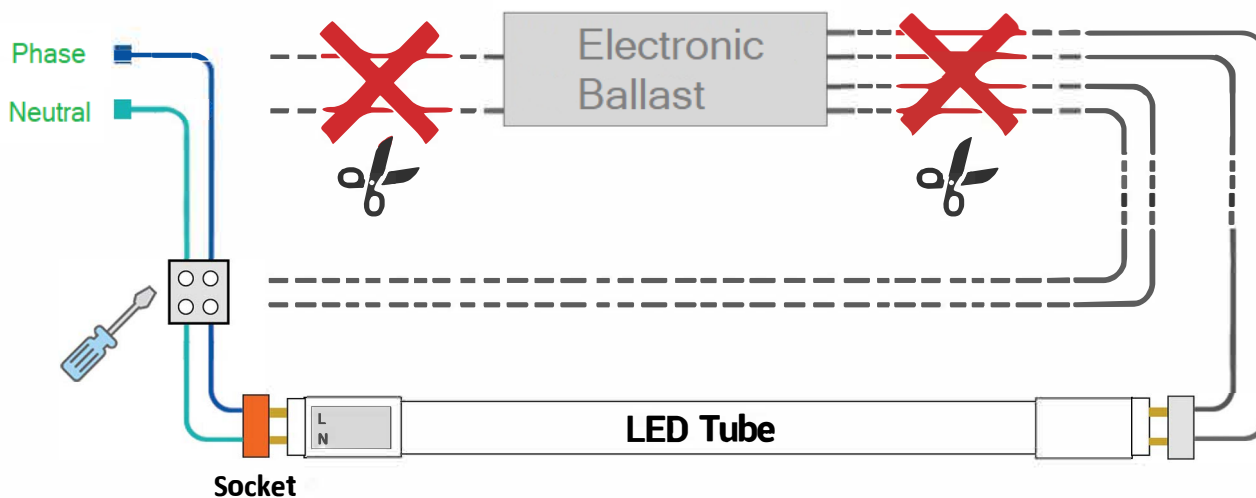
Note: Approximately 10% of fluorescent tube installations use electronic ballasts.

This is how most traditional Fluorescent tubes with electronic ballasts are installed:



STEP-BY-STEP INSTALLATION:

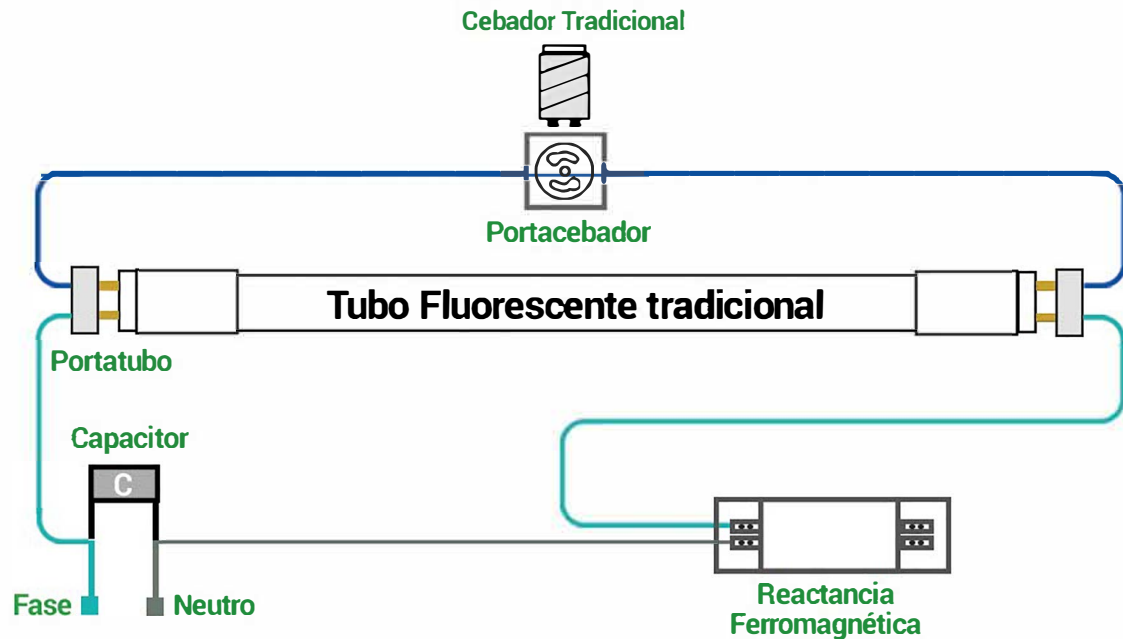
- Step 1:** Turn off power at the electrical service panel and verify that there is no electrical current.
- Step 2:** Remove the old tube (in this case, there is no starter, as it's incorporated within the electronic ballast).
- Step 3:** Disconnect the cables entering the electronic ballast (there's no need to remove it, just disconnect it electrically).
- Step 4:** Choose one of the 2 sockets to connect its 2 cables directly to the electrical network.
- Step 5:** We recommend labeling the socket where the connection has been made to facilitate the installation of the LED tube.



Instrucciones instalación TUBOS T8 LED en instalaciones con reactancia Ferromagnética

Dato útil: Aproximadamente el 90% de las instalaciones de Tubos fluorescentes son ferromagnéticas.

Así es como estan instalados la mayoría de Tubos Fluorescentes convencionales con reactancia Ferromagnética:



INSTALACIÓN PASO A PASO:

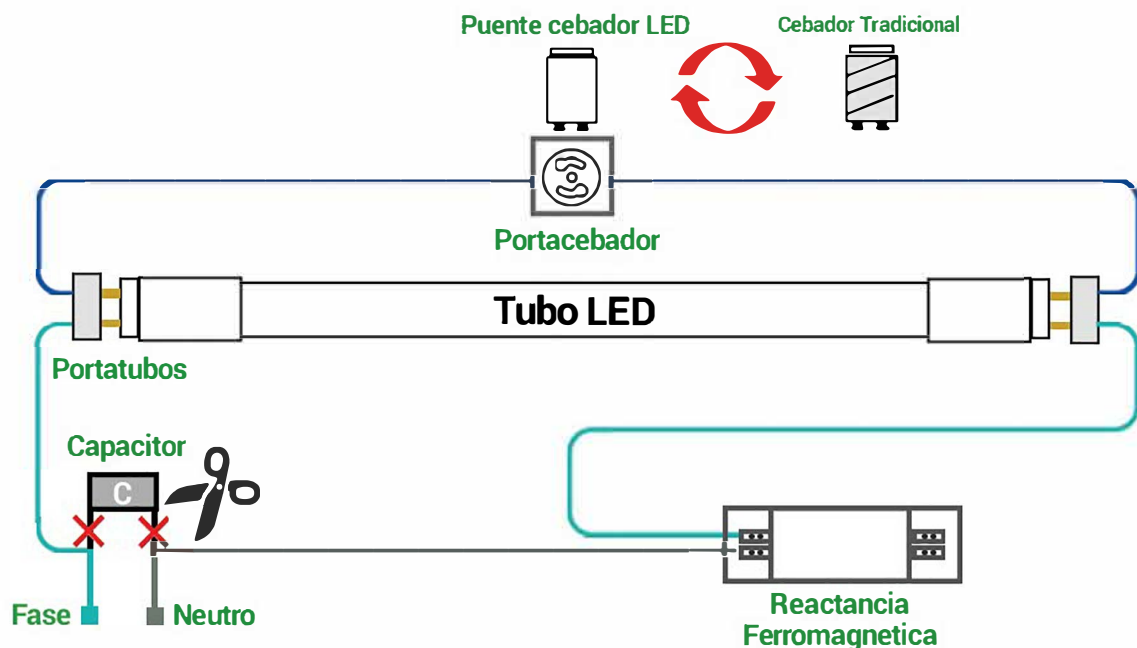
Paso 1: Apaga la luz del cuadro general eléctrico y verifica que no llegue corriente eléctrica.

Paso 2: Quita el tubo antiguo y luego el cebador.

Paso 3: Coloca el nuevo puente cebador LED (incluido con cada tubo).

Paso 4: Retira el capacitor o condensador (para evitar sobretensiones)

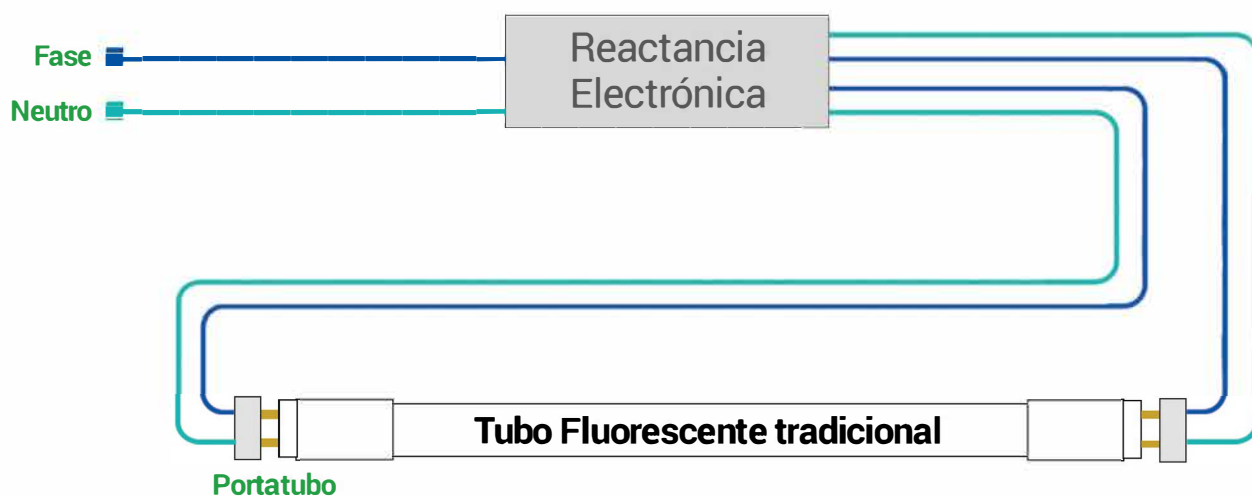
Paso 5: Instala el nuevo tubo LED.



Instrucciones instalación TUBOS T8 LED en instalaciones con reactancia electrónica

Dato útil: Aproximadamente el 10% de las instalaciones de Tubos fluorescentes son con reactancia electrónica.

Así es como están instalados Tubos fluorescentes tradicionales con reactancia electrónica:



INSTALACIÓN PASO A PASO:

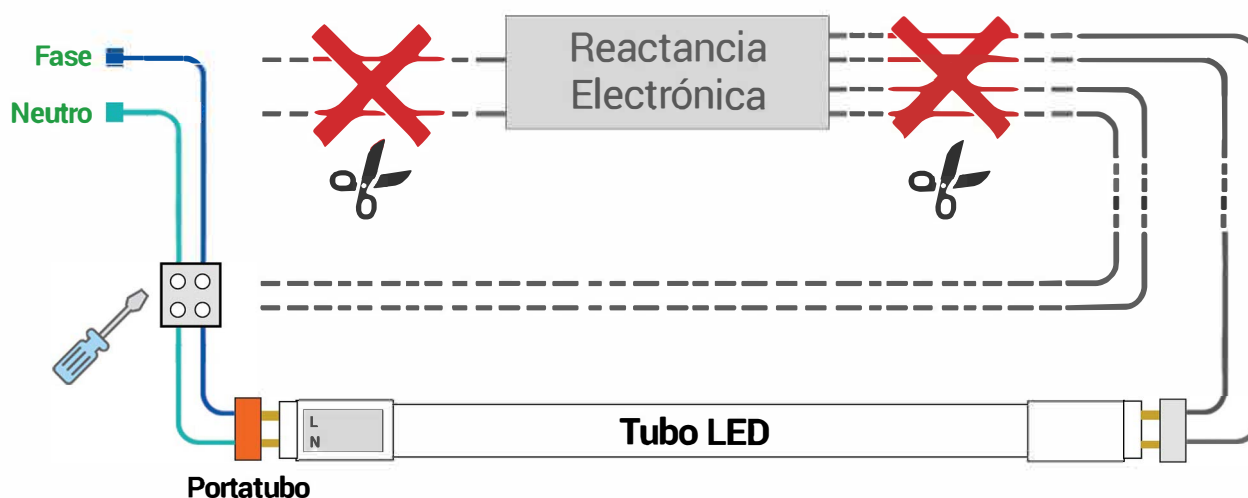
Paso 1: Apaga la luz del cuadro general eléctrico y verifica que no llegue corriente eléctrica.

Paso 2: Quita el tubo antiguo (en este caso no hay cebador, ya que esta incorporado dentro de la reactancia electrónica).

Paso 3: Desconecta los cables que entran a la reactancia electrónica (no hace falta sacarla, solo desconectarla electricamente).

Paso 4: Elige uno de los 2 portatubos para conectar sus 2 cables directamente a la red eléctrica.

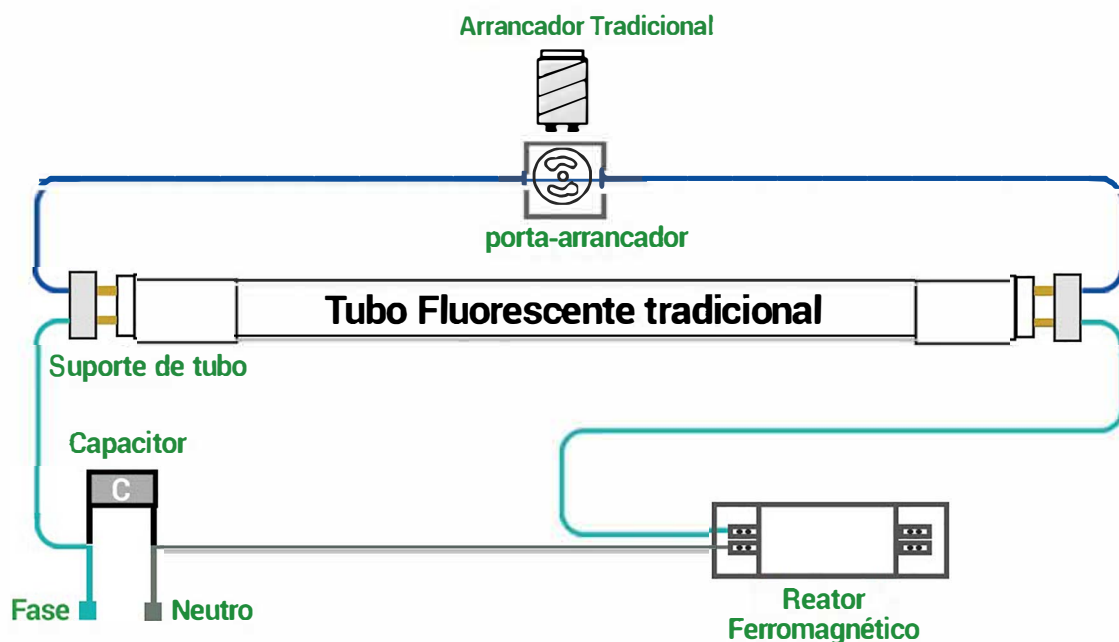
Paso 5: Recomendamos señalar el portalámparas donde se ha realizado la conexión para facilitar la instalación del tubo LED.



Instruções de Instalação dos Tubos T8 LED em instalações com reatância ferromagnética

Informação útil: Aproximadamente 90% das instalações de tubos fluorescentes são ferromagnéticas.

A maioria dos Tubos Fluorescentes tradicionais com reator Ferromagnético são instalados assim:



PASSO A PASSO DA INSTALAÇÃO:

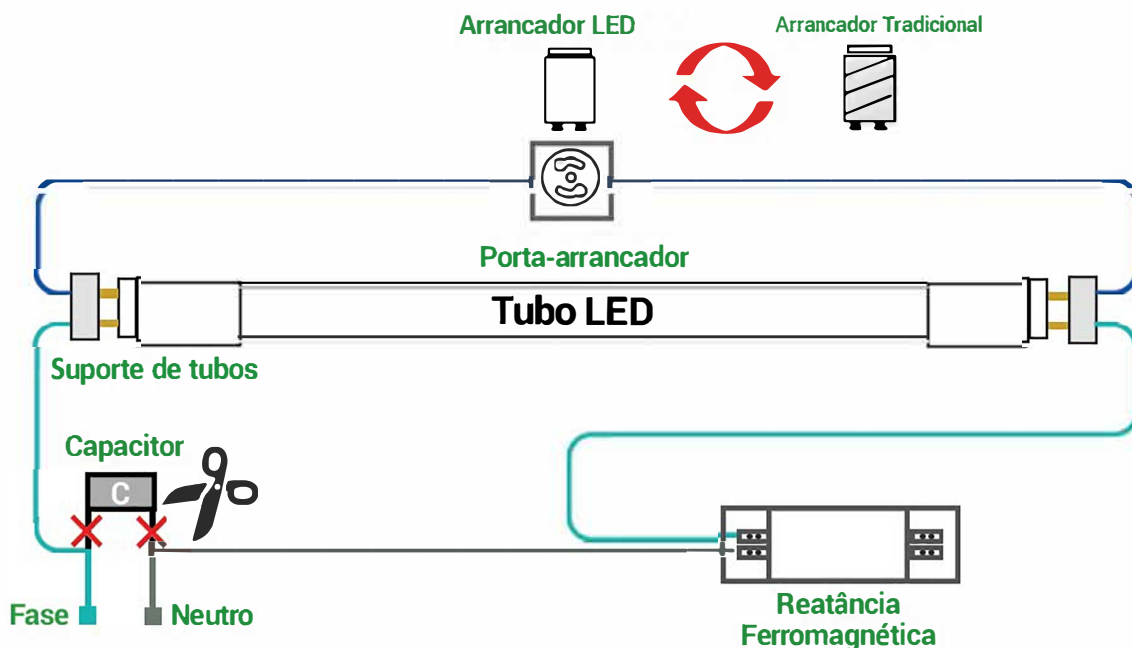
Passo 1: Desligue o quadro elétrico e verifique se não há energia.

Passo 2: Retire o tubo antigo e depois o arrancador.

Passo 3: Coloque o arrancador LED (incluído com cada tubo).

Passo 4: Retire o capacitor ou o condensador (para evitar a sobretensão).

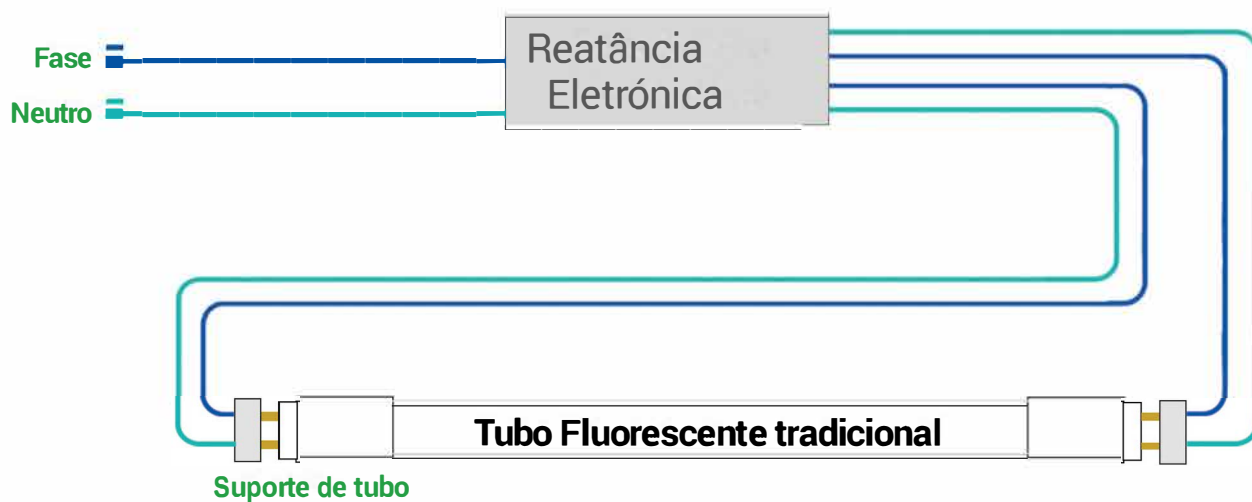
Passo 5: Instale o novo tubo LED.



Instruções de instalação de TUBOS T8 LED em instalações com reatância eletrônica

Informação útil: Aproximadamente 10% das instalações de Tubos fluorescentes são com reator eletrônico.

É assim que os Tubos fluorescentes tradicionais com reator eletrônico são instalados:



PASSO A PASSO DA INSTALAÇÃO

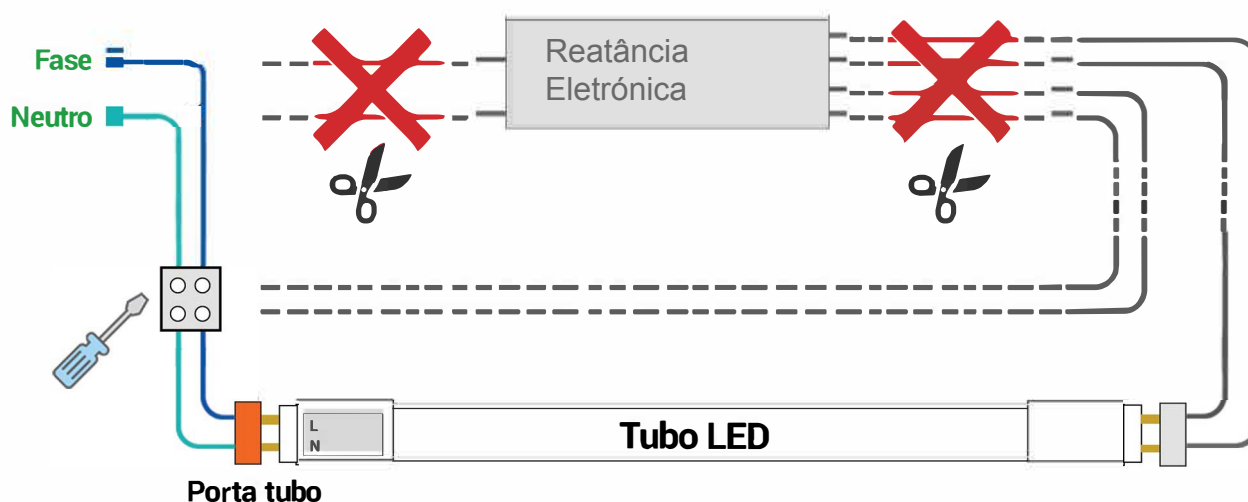
Passo 1: Desligue a luz do quadro geral e verifique se não há energia elétrica.

Passo 2: Retire o tubo antigo (neste caso não há arrancador, pois está inserido no balastro eletrônico).

Passo 3: Desconecte os fios que conduzem ao balastro eletrônico (não é necessário remover o balastro, basta desligá-lo eletricamente).

Passo 4: Escolha um dos 2 suportes de tubos para ligar os seus 2 cabos diretamente à rede elétrica.

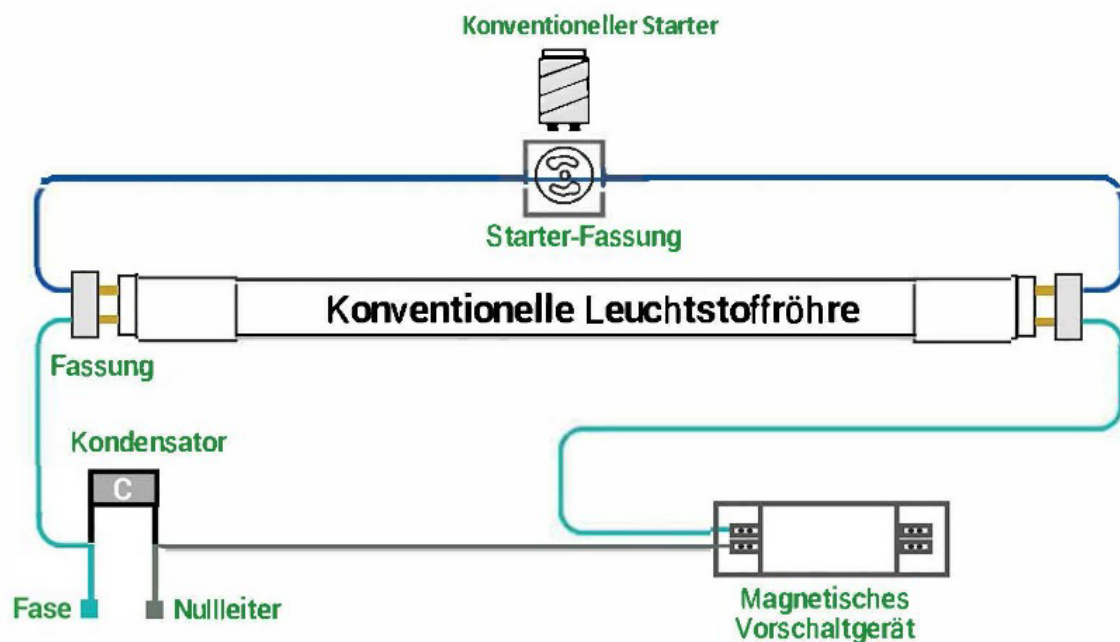
Passo 5: Recomendamos a marcação do suporte da lâmpada onde a ligação foi efetuada para facilitar a instalação do tubo LED.



Installationsanleitung für T8 LED Röhren bei magnetischen Vorschaltgeräten

Info Etwa 90 % der Installationen von Leuchtstoffröhren sind magnetisch.

So sind die meisten konventionellen Leuchtstoffröhren mit elektromagnetischem Vorschaltgerät installiert:



Schritt für Schritt Installation:

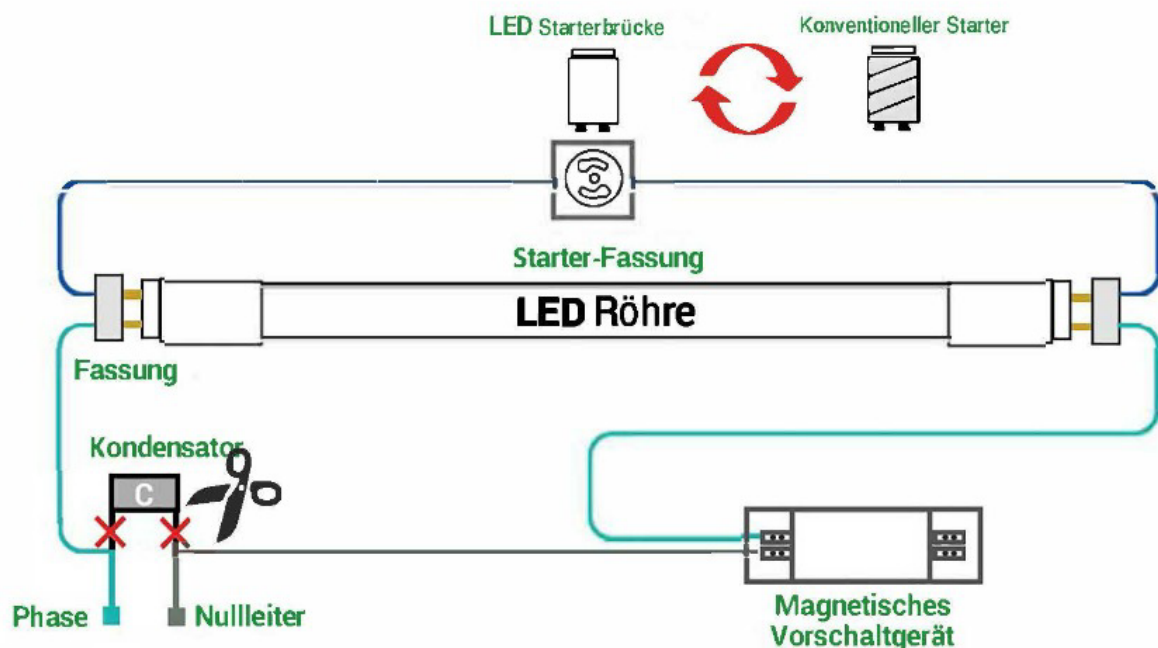
Schritt 1: Trennen Sie die Stromzuführung und stellen Sie sicher, dass die Stromzufuhr unterbrochen ist.

Schritt 2: Entnehmen Sie zuerst die alte Röhre und danach den Starter.

Schritt 3: Ersetzen Sie den entnommenen Starter durch den im Lieferumfang enthaltenen LED Starter (Ein Starter pro LED Röhre).

Schritt 4: Entfernen Sie den Kondensator (um Überspannung zu vermeiden).

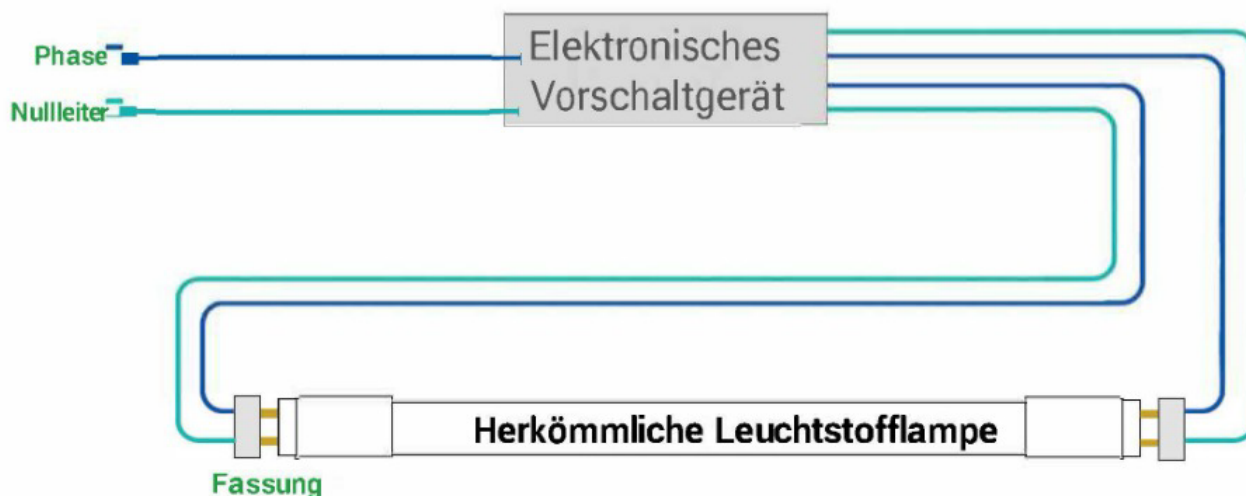
Schritt 5: Montieren Sie die neue LED Röhre.



Installationsanleitung für T8 LED Röhren bei elektronischen Vorschaltgeräten

Info: Etwa 10 % der Leuchtstoffröhreninstallationen sind mit elektronischen Vorschaltgeräten ausgestattet.

So sind die meisten konventionellen Leuchtstofflampen mit elektronischem Vorschaltgerät installiert:



Schritt für Schritt Installation:

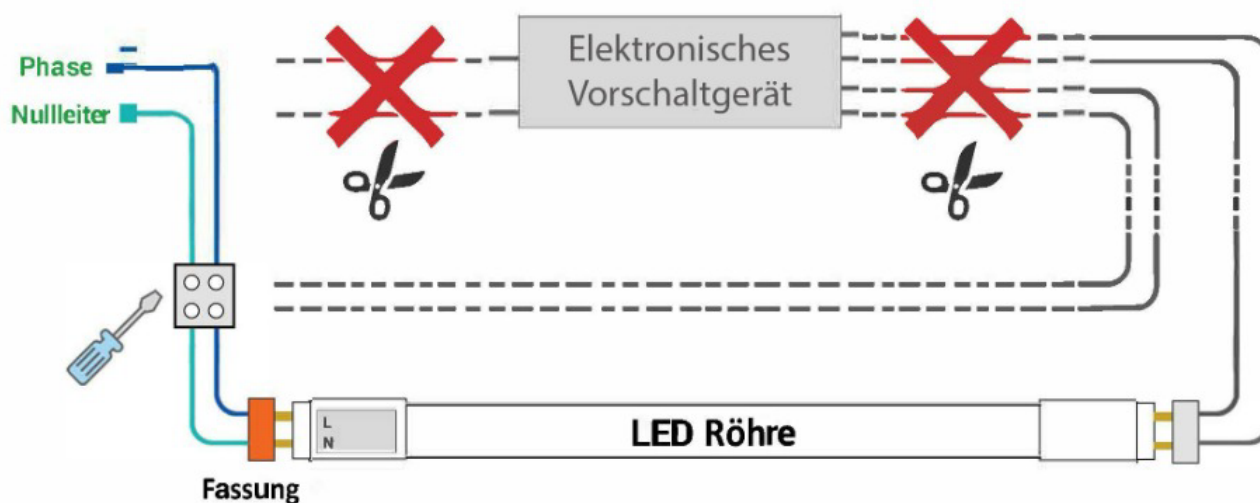
Schritt 1: Trennen Sie die Stromzufuhr und stellen Sie sicher, dass die Stromzufuhr unterbrochen ist.

Schritt 2: Entnehmen Sie die alte Röhre (in diesem Fall ist kein Starter vorhanden, da es sich im elektronischen Vorschaltgerät befindet).

Schritt 3: Trennen Sie die Drähte, die zum elektronischen Vorschaltgerät führen (das Vorschaltgerät muss nicht entfernt werden, es muss nur elektrisch abgeklemmt werden)

Schritt 4: Wählen Sie eine der zwei Fassungen, um ihre zwei Kabel direkt an das Stromnetz anzuschließen.

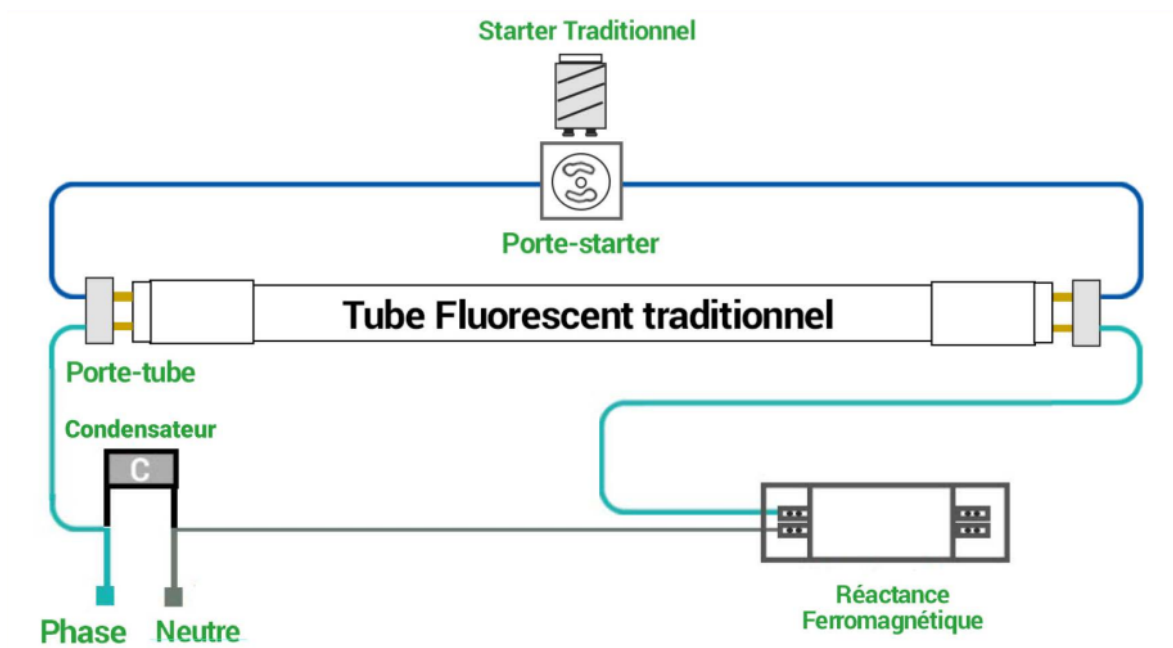
Schritt 5: Es wird empfohlen, die Fassung an der Stelle zu markieren, an der die Verbindung hergestellt wurde, um die Installation der LED Röhre zu erleichtern.



Instructions d'installation des TUBES LED T8 pour les installations avec réactance ferromagnétique

Info utile : environ 90 % des installations de tubes fluorescents sont ferromagnétiques.

Voici comment sont installés la majorité des Tubes Fluorescents classiques avec réactance ferromagnétique :



INSTALLATION PAS À PAS :

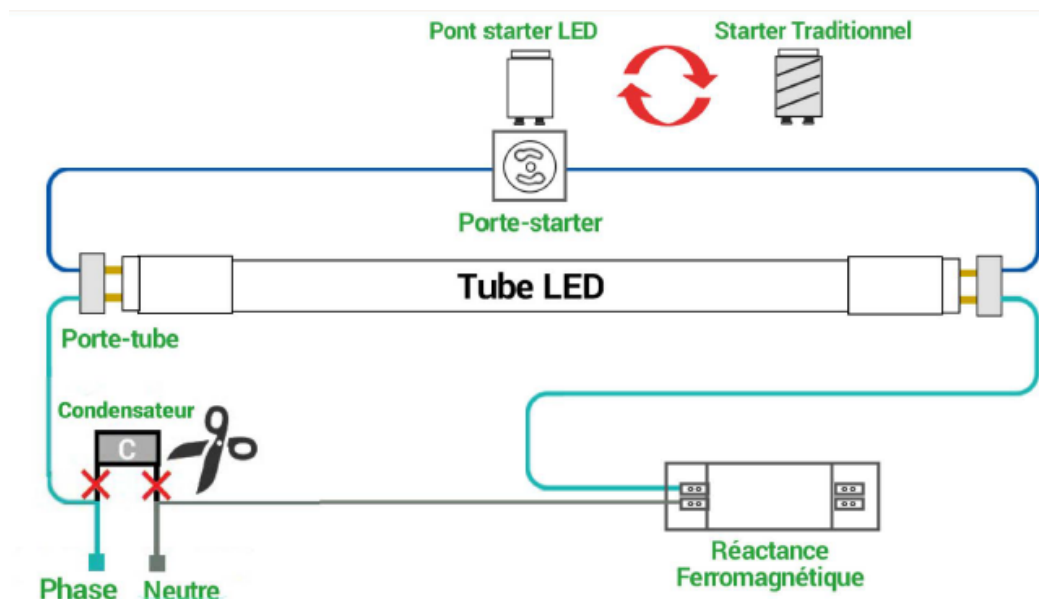
Étape 1: Éteignez l'alimentation principale au tableau électrique et assurez-vous qu'aucune alimentation électrique ne soit présente.

Étape 2: Retirez le tube existant, suivi du starter.

Étape 3: Installez le nouveau pont de démarrage LED fourni avec chaque tube.

Étape 4: Retirez tout condensateur ou condensation susceptible de causer des surtensions.

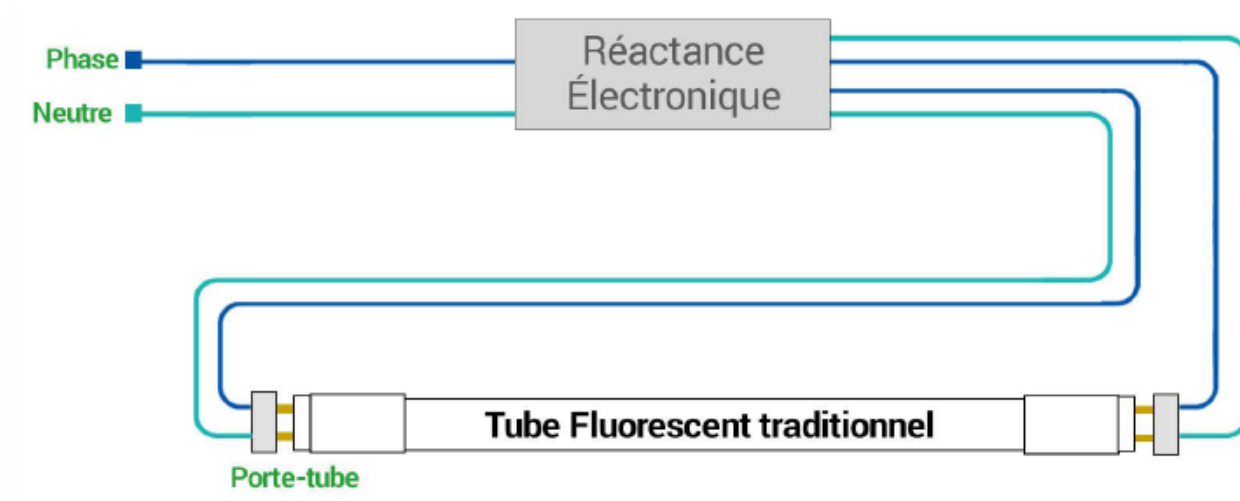
Étape 5: Installez le nouveau tube LED en suivant les instructions fournies.



Instructions d'installation des TUBES LED T8 pour les installations avec réactance ferromagnétique

Info utile : environ 90 % des installations de tubes fluorescents sont ferromagnétiques.

Voici comment sont installés la majorité des Tubes Fluorescents classiques avec réactance ferromagnétique :



INSTALLATION PAS À PAS :

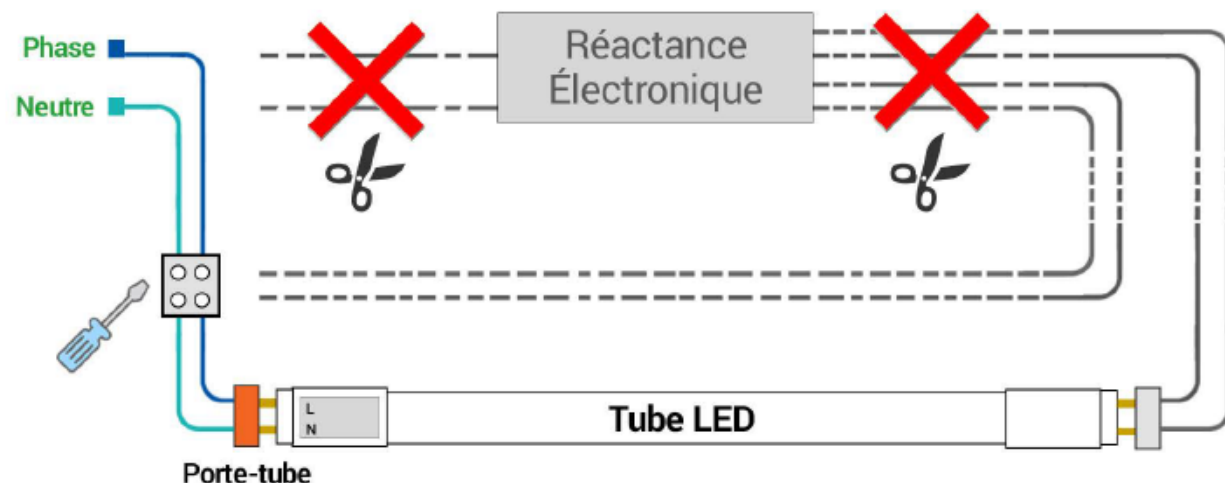
Étape 1 : Éteignez l'éclairage au niveau du tableau principal et assurez-vous qu'aucune alimentation électrique n'est présente.

Étape 2 : Retirez l'ancien tube (remarque : dans ce cas, le démarreur est intégré au ballast).

Étape 3 : Débranchez les fils connectés au ballast (il n'est pas nécessaire de retirer le ballast, une simple déconnexion électrique suffit).

Étape 4 : Sélectionnez l'un des deux porte-tubes et connectez directement ses deux fils au réseau électrique.

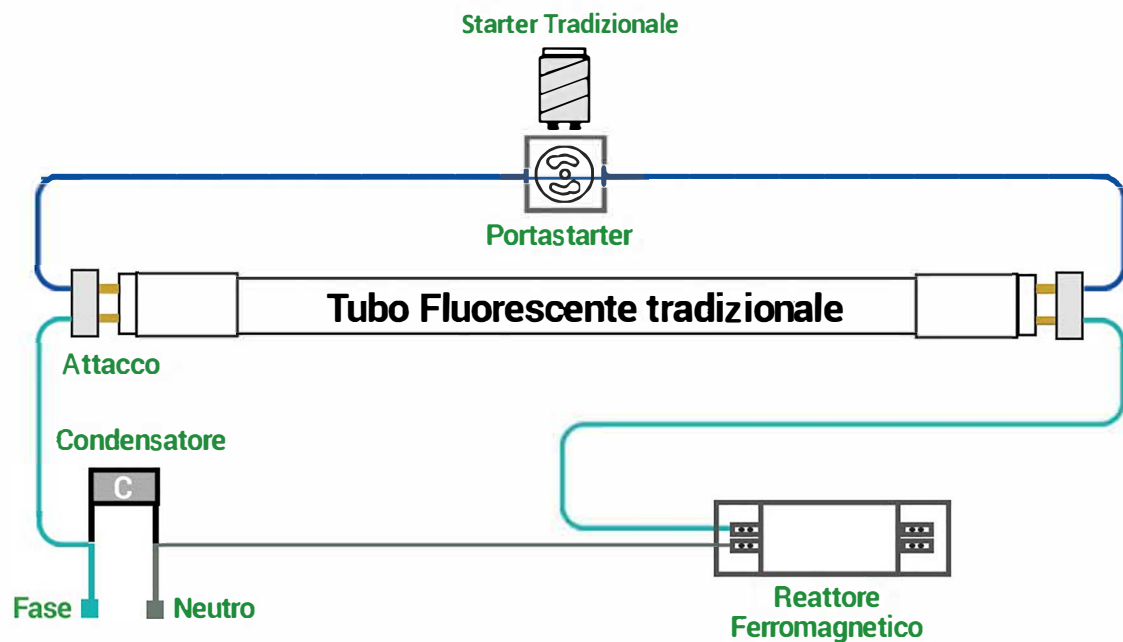
Étape 5 : Il est recommandé de marquer la douille où la connexion a été faite pour faciliter l'installation du tube LED.



Istruzioni montaggio TUBI LED T8 - Installazioni con reattore ferromagnetico

Dato: Circa il 90% delle installazioni di Tubi fluorescenti sono ferromagnetiche.

Ecco come sono installati la maggior parte dei Tubi Fluorescenti tradizionali con Reattore Ferromagnetico:



INSTALLAZIONE PASSO DOPO PASSO:

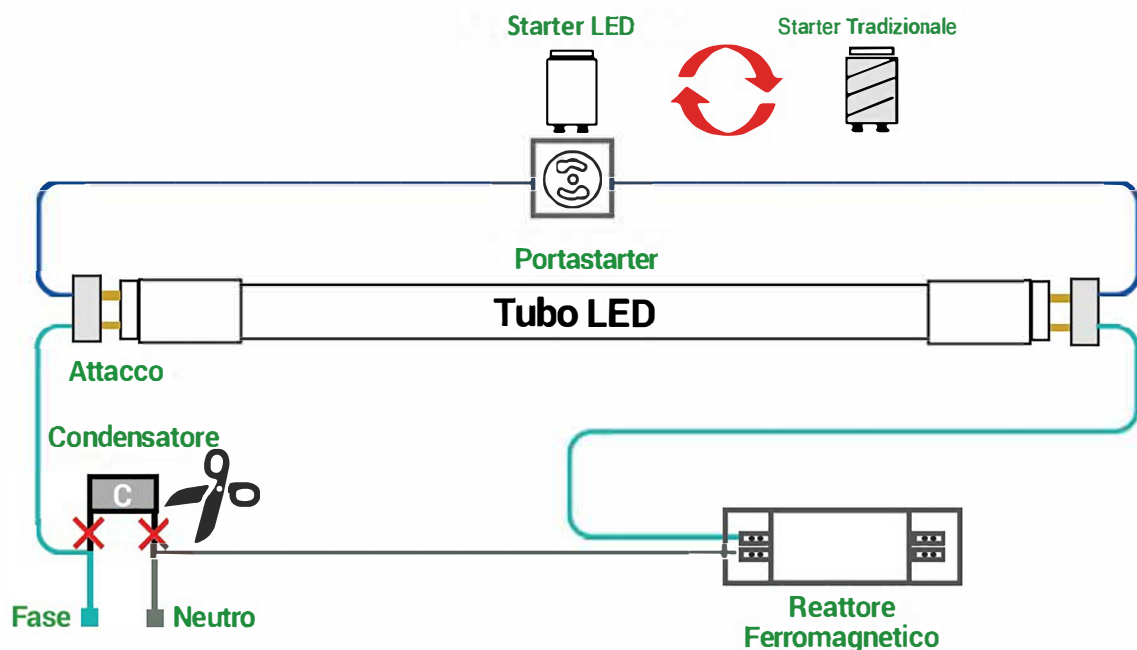
Passo 1: Spegner la luce dal quadro elettrico principale e verificare che non ci sia corrente elettrica.

Passo 2: Rimuovere il vecchio tubo e poi lo starter.

Passo 3: Installare il nuovo starter LED (incluso con ogni tubo).

Passo 4: Rimuovere il condensatore (per evitare sovratensioni).

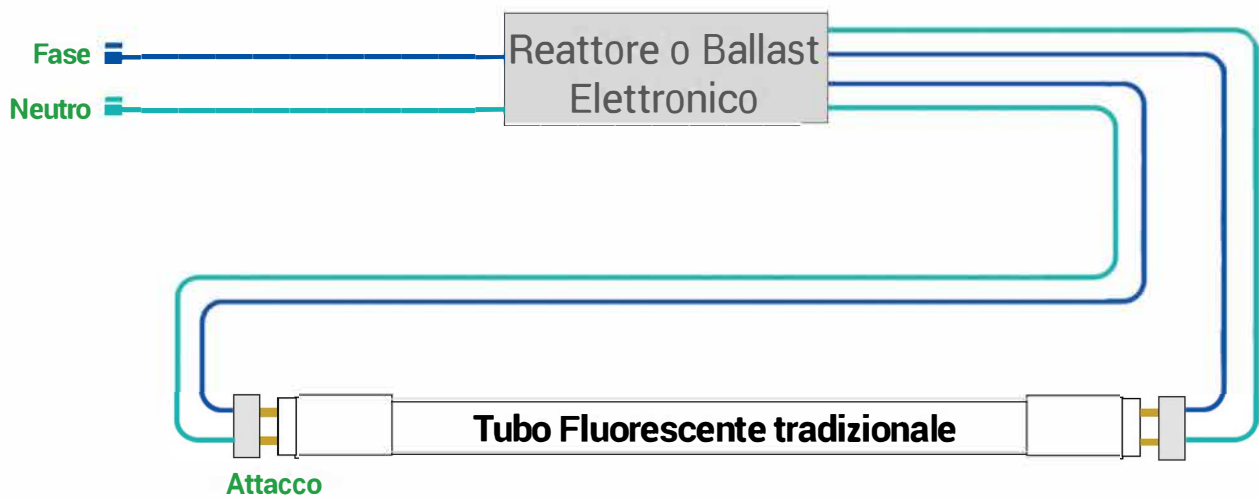
Passo 5: Installare il nuovo tubo LED.



Istruzioni montaggio TUBI LED T8 - Installazioni con reattore elettronico

Dato: Circa il 10% delle installazioni di tubi fluorescenti sono fatte con reattore elettronico.

Ecco come sono installati la maggior parte dei Tubi Fluorescenti tradizionali con Ballast elettronico:



INSTALLAZIONE PASSO DOPO PASSO:

Passo 1: Spegnerne la luce dal quadro elettrico principale e verificare che non ci sia corrente elettrica.

Passo 2: Rimuovere il vecchio tubo (in questo caso non c'è starter, poiché è incorporato nel ballast elettronico).

Passo 3: Disconnettere i cavi che vanno al ballast elettronico (non è necessario rimuoverlo, solo disconnetterlo).

Passo 4: Scegliere uno dei 2 attacchi per collegare i 2 cavi direttamente alla rete elettrica.

Passo 5: Raccomandiamo di segnalare il portalampada dove è stata effettuata la connessione per facilitare l'installazione del tubo LED.

