



Sign Lighting World, LLC
www.SignLightingWorld.com
720-242-9000
sales@signlightingworld.com

Features

- 180° lens design provides even illumination
- Double side and single side options avail.
- Multiple end cap options avail.
- Variety of lengths ranging from F18 to F120
- Built-in Internal driver
- IP54 Waterproof
- PC covering of Aluminum to avoid electric shock
- Over 50% energy saving than fluorescent tube
- Over 50,000 hours lifetime and 5 years warranty
- UL approved

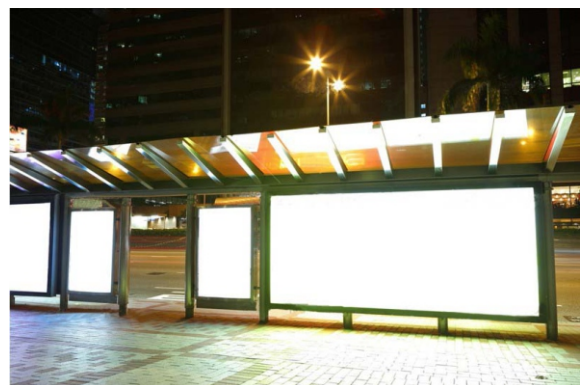


Specifications

Model No	Length	Wattage	Efficiency	Color Temp	CRI	End Cap	Beam Angle	IP Rating
360 Degree Tube	4ft./8ft.	24W/48W	2640/5280lm	6000K	>80	HO	360°	IP54

Applications

Great for use in Single/Double Sided Signs, Coolers, and Retrofits of HO tubes

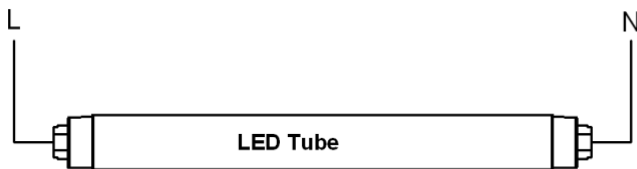




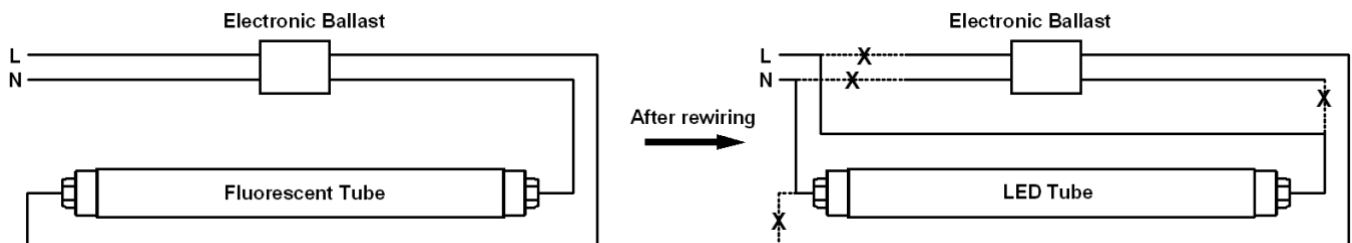
Installation Guide

For new installation:

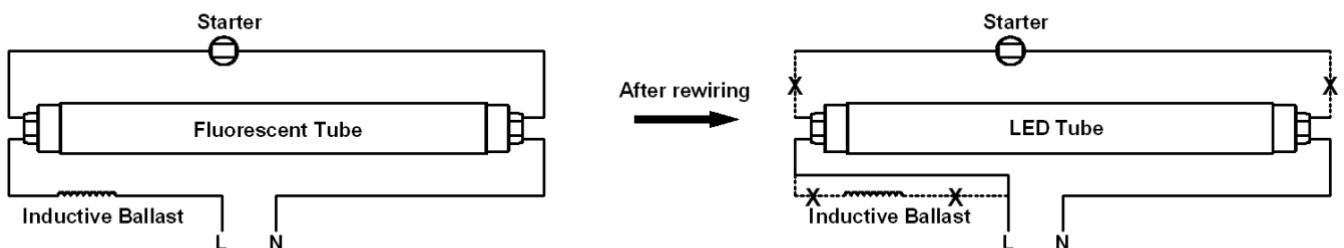
Place tube into socket, no ballast needed, ensure all tubes' (L) and (N) correspond with the correct sockets



For electronic ballast signs: Remove electronic ballast and rewire



For electronic ballast signs: Remove inductive ballast&starter and rewire



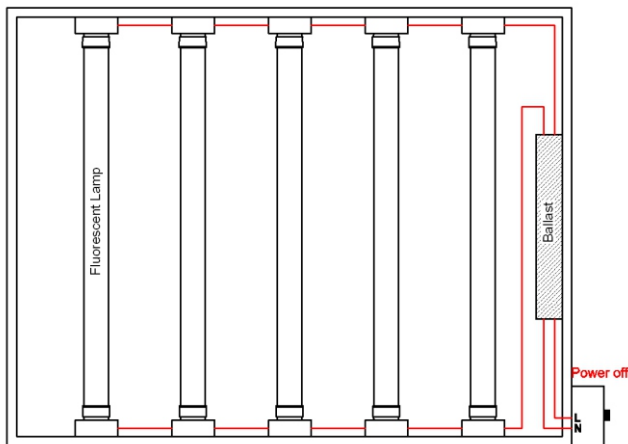
Important Notice:

1. Disconnect power sbefore installation or maintainence
2. This product is not suitable for dimming
3. Any modifiacion or alteration of this product will terminate any warranties

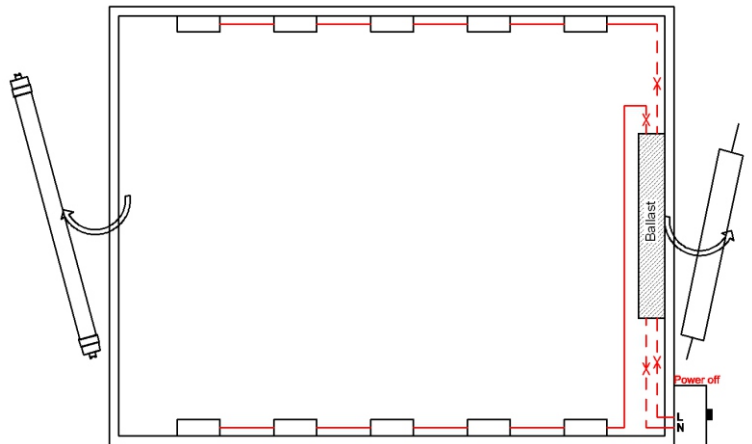


Installation Guide

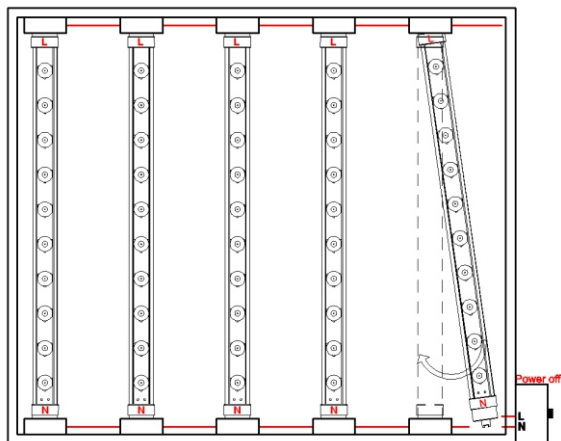
For replacing fluorescent tubes with ballast:
1. Disconnect power supply and open sign



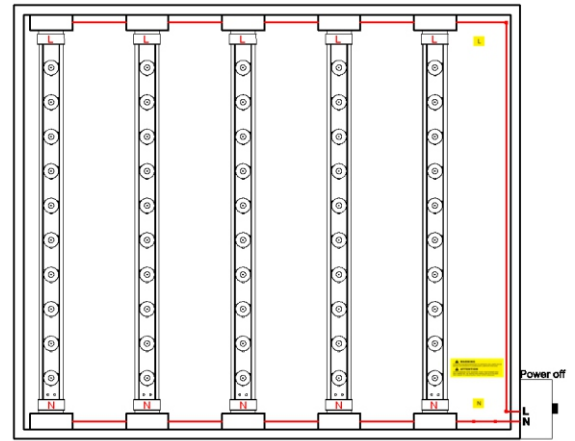
2. Remove fluorescent lamps and ballast from sign. Do not disconnect wire on lamp holder



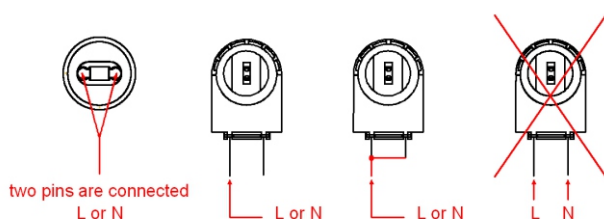
6. Insert LED tubes and rotate tubes to desired position for optimal illumination, ensure all tubes are oriented in a consistent manner, "LINE(L)" on one side, "NEUTRAL(N)" on the other side



5. Connect "L" side wire directly to "LINE", and "N" side wire directly to "NEUTRAL", stick safety label on signs where easily visible



Attention: Do not put "L" and "N" on one side. Short Circuit will occur



Please find this label in packaging

