



Tips for Fluorescent T8 Ballast Installation and Troubleshooting



Avoiding Problems

- The two leading causes of ballast failure are high temperature and moisture. Avoiding both will increase the life of your product.
- Do not mount under louvers or doors where water may come into contact with the ballast.
- Make sure the input voltage is within +/- 5% of the ballast's rating.

Tips for Installation

- Mount the ballast in the lowest third of the sign cabinet for cooler operation.
- Mount ballast metal to metal—do not double nut. If the ballast needs to be raised off the bottom or side of the cabinet, use a solid metal plate.
- Do not completely enclose the ballast inside another enclosure without allowing good ventilation in both enclosures.

Selecting the Proper T8 Ballast

- Following the ballast's lamp length rules will provide years of uninterrupted service.
- Ballast types beginning with EB25 and EBR845 will light lamps 60" or shorter.
- EBR828, EBR848 and EBR868 ballasts are used when any single lamp in the installation is longer than 60".

Visit our website for full ballast selection equations.



Read more tips and view detailed installation diagrams on our website

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