

Dali Dimming Driver Option

History

The history of DALI is an interesting one. The idea first came from a ballast company in Europe over 10 years ago. Three other ballast companies joined with the first to form a proposal for the International Electrotechnical Commission (IEC) in order to create a standard on communication protocols used for ballasts. About six years ago, the United States became involved as well. The current standard doesn't yet define much for the DALI controls, other than the fact that they must have the capability to send messages to the ballasts.

DALI was accepted as an international standard in 2002; the first DALI ballasts were introduced into the United States in the late '90s.

What is DALI?

Put simply, DALI (digital addressable lighting interface) is a two-way communication system that brings digital technology to lighting. An international standard for communication, DALI defines the commands that ballasts need to recognize in order to be considered DALI ballasts. The system allows individual ballasts to "talk" to the user ... and allows the user to "talk" back via DALI controllers, computers equipped with appropriate software, or building management systems (BMS).

Most of the hardware used in a DALI system is the same as what's used in a more typical system. The big difference: With DALI, ballasts can be linked to a central computer, allowing each one to be controlled independently

Dali Dimmer Wiring Diagram

