



Reference: 093004-1
Report: 00007

Technical Bulletin

Product:

LS12, LS12 Switched, WL28, and WL39

Scope:

Software upgrade that adds flash patterns and modifies functionality.

Description:

The LS12 hard-wired, LS12 switched, WL28 and WL39 have recently been updated to incorporate a wider variety of more effective flash patterns. In the case of the LS12 switched, functionality has remained the same but we have increased the number of flash patterns to choose from. In the hard-wired products, functionality has been modified which has allowed us to add more flash patterns. This new functionality incorporates the use of a pattern selection wire to toggle through the flash patterns in order to select a pattern for each of the two switched pattern wires. This is a similar process we developed for selecting patterns on our 360 Star.

Additional flash patterns include: A "cycle-all" pattern which automatically cycles through the available flash patterns. California steady-on flash patterns are now incorporated in each product eliminating the need for a separate product number. Lastly, there is support for several "night-mode" flash patterns, which are dimmed down for nighttime operations.

All LS12, LS12 Switched, WL28 and WL39 product will be manufactured with this new software, identified as "revision 2". We will label the product and boxes as follows:

1. The part number located on the back of the product will have an "r2" following the part number. For example, LS12RB r2.
2. The part number on the box label(s) will also be followed by an "r2"

Note that when ordering these products, you are **not** required to add the r2 indicator since all products will now be manufactured this way.

New installation guides are also available with each product and on our website as well.

Projected Availability Date:

Shipments began in September, 2004