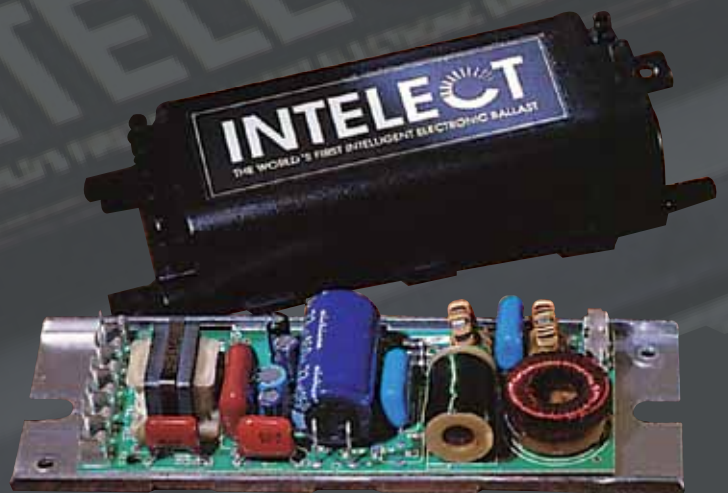


INTELECT DIMMING BALLAST

Replacement Guide

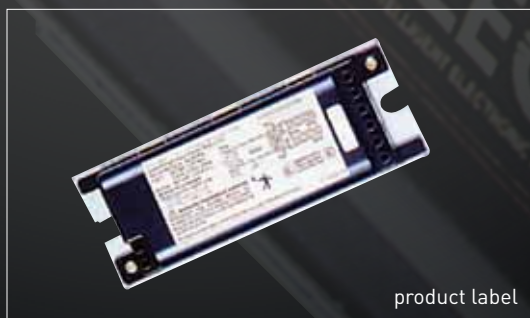


Intellect Dimming Ballast Replacement Guide



GETTING STARTED

Prescolite has anticipated the things we will need to know in order to assist you in replacing these ballasts. If you desire to use Prescolite replacement parts, please proceed as outlined. Alternatively you may want to replace the ballasts (and controls) on your own- in which case please become completely familiar with the issues involving complex ballast replacement, and the needs of lighting controls before proceeding. Your Prescolite Representative may be able to assist you, but he or she will be in a better position to assist you using Prescolite parts and designs.



product label

THINGS WE NEED TO KNOW TO ASSIST YOU:

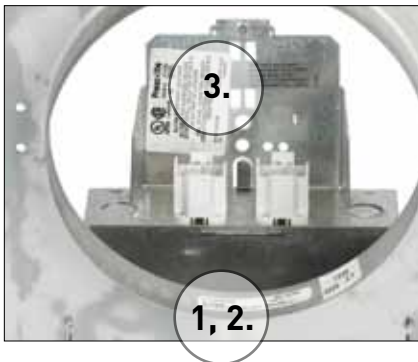
1. **Fixture catalog number** (for example: CFT632HEB).
2. **Fixture commodity code** (usually identified by a number starting with PUV or BG followed by a string of numbers). This will tell us which revision of housing is installed to ensure we offer the correct replacement ballast assembly configuration.
*If you cannot locate the commodity code, please provide the following information so we can attempt to identify your fixture
 - Nominal aperture size (6" or 8")
 - Number of lamps
 - Lamp orientation (Vertical or Horizontal)
 - Digital photos from the top of the luminaire showing the junction box and ballast are very helpful.
3. **Date code.** (shown on the UL label)
4. **Does the customer want their dimming system upgraded to:**
 - 0-10V (4-wire)
 - line voltage (2-wire) dimming
 - non-dimming system
5. **Lamp wattage and type.** (for example: 18, 26, 32, or 42W; and quad tube, or triple tube)
6. **Voltage being used in the application.** (120V or 277V)

We hope the Prescolite Intellect equipment you are replacing has given you many thousands of hours of service. As all electronic parts have a finite life, it is expected these will have to be replaced sooner or later. This guide is designed to assist you in that task.

THINGS YOU NEED TO KNOW:

- The Prescolite Intellect CFL dimming product was introduced in 1993 and designed to interface with 3-12V controls.
- In 1998, the industry standard for low voltage dimming changed to 0-10V. This required Prescolite to change this offering to 0-10V, which forced the obsolescence of the 3-12V systems.
- Prior to this change, Prescolite sold many thousands of 3-12V dimming ballasted downlight housings and controls systems.
- Some of these ballasts and controls are now in the need of replacement and/or upgrade.
- 3-12V dimming ballasts are not compatible with 0-10V controls.
- 3-12V controls are not compatible with 0-10V dimming ballasts.
- Prescolite cannot supply 3-12V dimming ballasts or controls.
- There are no other current controls or ballast products that are directly compatible, so replacement of all ballasts and controls on a zone is required. The installed wiring may be compatible, depending on choices below.

1.



2.

3.

4.

5.

6.



SOLUTION STEPS:

1. Contact technical support at 888-777-4832.
2. Provide technical support with the 6 pieces of information listed.
3. Technical support will provide you with catalog numbers that can be ordered for replacement 0-10V (Advance Mark VII) or line voltage (Advance Mark X) dimming ballast assemblies that can be installed in place of the Intellect ballasts from either above or below the ceiling.
4. Place your order for these catalog numbers with quotes and they will provide pricing.

*Note that in either case, existing wires used that were used with the Intellect 3-12V dimming system can be reused with any of these replacement ballast assemblies.



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