

PowerLux® PowerRim™

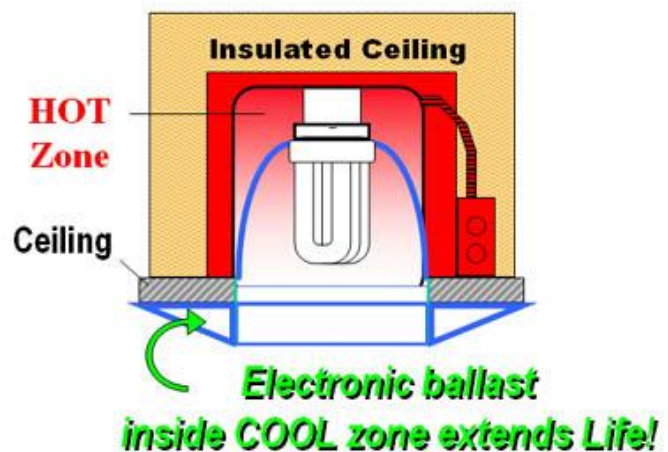
Exclusive Instant Retrofit System Resolves Early Failures

Retrofit up to 200W Incandescent with no tools needed!

CFLs are four times more efficient than incandescent lamps and typically last 10-13 times longer. But CFLs need a ballast to function and the ballast is sensitive to the heat generated by CFLs which is trapped inside recessed downlights. A typical 23-watt CFL can raise temperatures to 70°C in the downlight. The maximum operating temperature recommended for an electronic ballast is 40°C. Temperatures above 40°C will destroy the ballast and cause chronic early failures.

While for every 10° C increase in ambient temperature, the ballast life is reduced by 50% and components are irreversibly damaged by the heat, ballast life is also doubled for every 10°C *reduction* in operating temperature.

The exclusive PowerRim™ system features a "cool zone" where the ballast is located, keeping temperatures in the recommended range and *virtually eliminating early failures*.



PowerLux® PowerRim™ Advantages:

- Instant conversion up to 42W CFL (200-250W incandescent equivalent)
- No wiring necessary. Saves on electrician installation cost
- Simple, do-it-yourself installation. No tools needed.
- No need for new ceilings.
- Ideal solution for retrofitting fixtures in asbestos ceilings which cannot be disturbed!
- Compatible with CFLs (passed >40,000-cycle test by GE)
- Ballast located in exclusive cool zone away from destructive lamp heat
- Extends ballast life (5-year warranty)
- Auto-restart feature
- End-of-lamp-life protection

PowerLux® Corporation

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PowerLux® Products Have Stood the Test of Time!