

PowerRim™

High Performance Electronic CFL Adapter System for Downlights

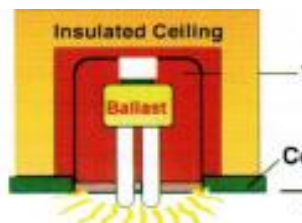
Instant Upgrade Retrofit

Exclusive PowerRim™ System Resolves Early Failures in Downlights!

CFLs are 4 times more efficient than incandescent lamps and typically last 16-20 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. The exclusive PowerRim™ system features a “cool zone” where the ballast is located, keeping temperatures in the recommended range and *virtually eliminating early failures.*

Problem:

Typical Downlight Retrofit



Ballast suffers early failure

Solution:

Exclusive Patented PowerRim™ System



Ballast in cool zone

- Glare
- Insufficient light
- Thermal build-up
- Higher wattage makes problem worse!
- EARLY FAILURE!
- Built in glare shield
- Ballast located in “cool zone”
- No thermal build-up
- Extends ballast life for multiple CFL replacements!

Catalog#		Type
Project		
Note		Date
Prepared by		

APPLICATIONS:

University lecture halls, ballrooms, conference rooms, theaters, offices, lobbies, etc.



PowerRim™ features...

Latest Technology

- Engineered for 4-pin 18W, 26W, 32W and 42W replaceable compact fluorescent lamps (CFL)

Compact Design

- Low profile fits all 6” downlights
- Replaces incandescent lamps up to 200W!

Energy Savings...Long Life

- CFL lamps save up to 78% in electricity costs and last 16-20 times longer than incandescent lamps. Lowers lamp replacement and maintenance costs. Operates cooler and reduces air-conditioning costs too.

Quick & Simple Installation

- Uses medium screw base adapter
- No wiring required (Hard wire version available)
- Direct retrofit into existing incandescent downlight
- Reduces costly labor and fixture removing expenses

PowerLux® Corporation

U.S. Manufacturer of Sustainable Energy Efficient Lighting Products

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