

# DLU LIGHTING

THE ENERGY SAVING CHOICE

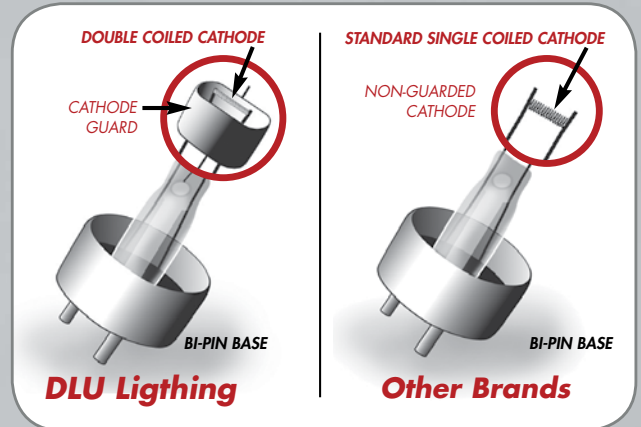
## T8 28W Energy Saving Lamps

**DLU Lighting the Energy Saving** choice introduces energy saving T8's. These lamps deliver the same performance as a standard T8 while consuming less energy. Retrofitting has never been so easy, no need to replace the ballast or fixture simply replace the lamps and save energy.

### The DLU Difference

The cathode is the filament of a linear fluorescent. DLU Fluorescents have a unique double coiled cathode designed like a spring; This technology provides resistance during any vibrations and ensures longer life.

Every time a fluorescent tube is ignited there is a sputtering from the cathode. This sputtering causes the ends of the fluorescent tube to darken. The cathode guard is a shield around the cathode that collects the sputtering and reduces end darkening.



### Suggested Applications

With various color temperatures and color rendering options DLU T8 lamps are suitable for every application and marketplace.

- Office Buildings
- Schools
- Factories
- Retail Locations
- Health Care
- Hotel/Motel
- Work Spaces
- (Garages, Technical work areas, etc...)

### Features and Benefits

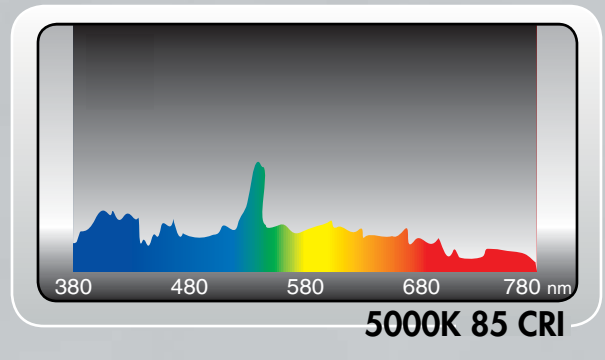
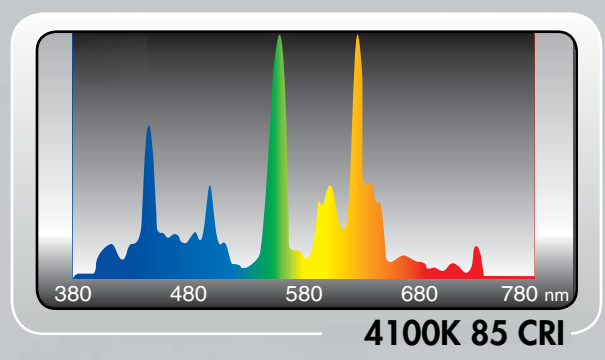
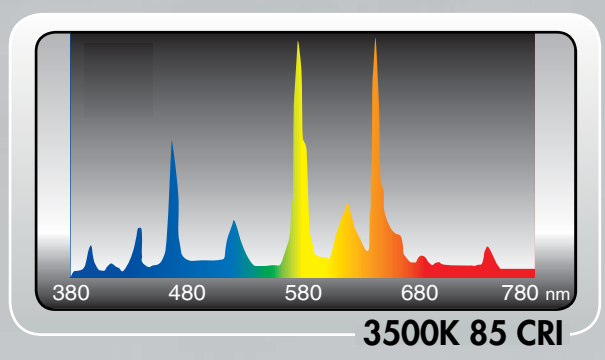
- **Double Coiled Cathode** : Prevents premature lamps failure
- **Cathode Guard** : Greatly reduces end blackening
- **Up to 30000 Hours Lifetime** : Less maintenance cost
- **TCLP Compliant** : Low Mercury content, Environmentally friendly
- **Less watts consumed** : Save Energy
- **Optimal color temperatures available** : Works in all types of different environments
- **Works with standard 32W ballast**: Replace your old 32W T8's without changing the ballast

**Technical Specifications**

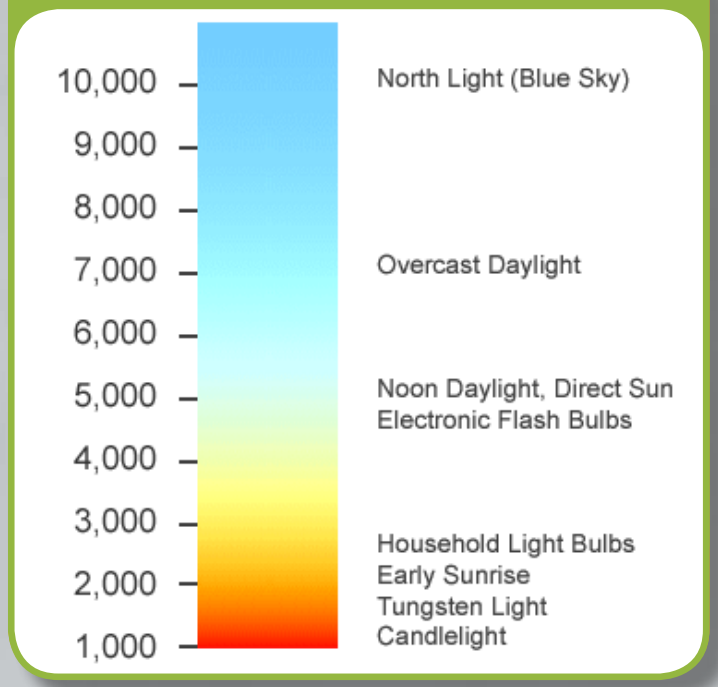
Watts	Code	Description	Avg Life	Commercial Life	Color Temp	CRI	Length	Initial Lumens	Mean Lumens	Lumen Maintenance
28	FLTHLVX4V	F28T8/835ES	24,000	30,000	3500 K	85	48"	2750	2600	95
28	FLTHLVX5V	F28T8/841ES	24,000	30,000	4100 K	85	48"	2750	2600	95
28	FLTHLVX6V	F28T8/850ES	24,000	30,000	5000 K	85	48"	2750	2600	95

- Average 24000 Hour is based on ANSI/IESNA standards of 3 hour per start
- Average 30000 Hour is based on estimated commercial operating standards of 12 hours per start

**Colorimetric Data**



**Colour Temperatures in the Kelvin Scale**



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