ESPEN TECHNOLOGY

LED TECHNOLOGY

Features & Benefits

- No rewiring needed
- Works with fluorescent electronic ballast (Instant Start, Programmed Start, and Dimming)*
- Long life
- High CRI
- Instant on, no delay
- Convenient and quick installation
- Utilizes existing instant start or rapid start sockets
- Compatible with controls and sensors
- Dimmable
- Works in cold temperature applications
- Suitable for damp locations
- Nano-Plastic tube for superior optical performance
- 5 Year Warranty

UL RoHS Hg NSF DLC

* EMERGENCY BALLAST RESTRICTIONS

RetroFlex™
LED T8 LAMP · Simplicity.
Commercial Grade LED T8 Lamp

Specification Data (with Normal Ballast Factor)

Order Code	Length	Lamp Wattage	System Wattage	CCT	Initial Lumens	CRI	Beam Angle	Lamp Efficacy	System Efficacy	Life
L36T8/830/12P-EB	36	12	14	3000K	1700	83	325	135	120	50000
L36T8/835/12P-EB	36	12	14	3500K	1700	83	325	135	120	50000
L36T8/840/12P-EB	36	12	14	4000K	1700	83	325	135	120	50000
L36T8/850/12P-EB	36	12	14	5000K	1700	83	325	135	120	50000

System Performance

Lamp Model	Low Ballast Factor				High Ballast Factor			
	Lamp Power	System Power	Lumen Output	Lamp Efficacy	Lamp Power	System Power	Lumen Output	Lamp Efficacy
L36T8/830/12P-EB								
L36T8/835/12P-EB								
L36T8/840/12P-EB								
L36T8/850/12P-EB								

Wiring diagram

1-LAMP Instant Start Electronic Ballast
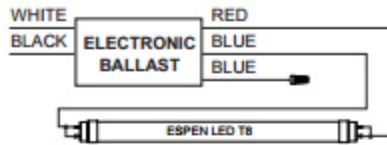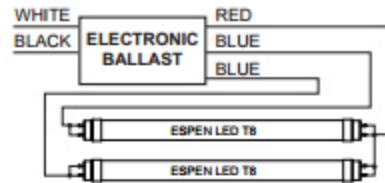
WHITE
BLACK — ELECTRONIC BALLAST — RED / BLUE / BLUE
ESPEN LED T8

2-LAMP Instant Start Electronic Ballast

WHITE
BLACK — ELECTRONIC BALLAST — RED / BLUE / BLUE
ESPEN LED T8
ESPEN LED T8

3-LAMP Instant Start Electronic Ballast

WHITE
BLACK — ELECTRONIC BALLAST — YELLOW / YELLOW / RED / RED / BLUE / BLUE
ESPEN LED T8
ESPEN LED T8
ESPEN LED T8

4-LAMP Instant Start Electronic Ballast

WHITE
BLACK — ELECTRONIC BALLAST — YELLOW / YELLOW / RED / RED / BLUE / BLUE
ESPEN LED T8
ESPEN LED T8
ESPEN LED T8
ESPEN LED T8

1-LAMP Programmed Start Electronic Ballast

WHITE
BLACK — ELECTRONIC BALLAST — BLUE / BLUE / RED / RED
ESPEN LED T8

2-LAMP Programmed Start Electronic Ballast

WHITE
BLACK — ELECTRONIC BALLAST — YELLOW / YELLOW / RED / RED / BLUE / BLUE
ESPEN LED T8
ESPEN LED T8
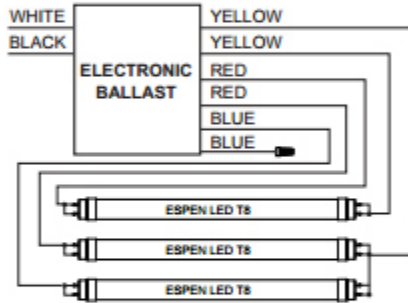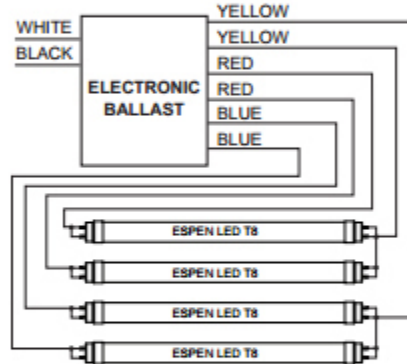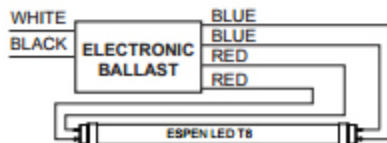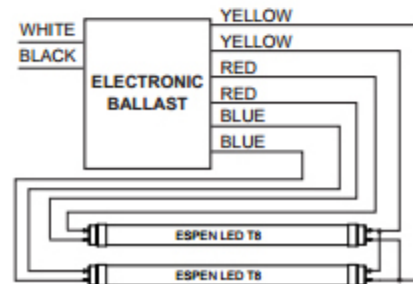
DLC Information

Order Code	DLC Product ID	DLC Product Model	DLC Version
L36T8/830/12P-EB	PZQQYEVF	L36T8/830/12P-EB	5
L36T8/835/12P-EB	PKMIEMK9	L36T8/835/12P-EB	5
L36T8/840/12P-EB	P8UVZZQX	L36T8/840/12P-EB	5
L36T8/850/12P-EB	P6E6AP75	L36T8/850/12P-EB	5

* Please refer to the Ballast Compatibility List for compatible models.

Specification data is based on tests performed in a controlled environment and represents relative performance. Actual performance can vary depending on operating conditions. Application and performance data subject to change without notice. All specifications are nominal unless noted otherwise.