

APPLICATIONS

One of the fastest growing retrofit segments is changing linear fluorescent lamps to LED T8 lamps. The Mobern TLEDM will operate on most T8 Electronic Instant Start ballasts and provides significant energy savings, excellent life, low maintenance and a more controlled light source. LED Lamps are mercury-free, which minimizes environmental impact.

FEATURES & BENEFITS

- ◆ 4" LED T8 or T12 replacement (T12 only when direct wiring to the lamp)
- ◆ Environmentally friendly-energy saving and mercury-free
- ◆ Frosted lens
- ◆ Built-in driver for easy installation
- ◆ High lumen efficiency and high CRI
- ◆ Multiple installation options- 2 end wiring, 1 end wiring, electronic ballast direct install
- ◆ Power Factor >0.95
- ◆ 5 year limited warranty
- ◆ UL Listed
- ◆ Consult for DLC



ORDERING DATA

EXAMPLE: TLEDM48T818W840

TLEDM		Length		Nominal Tube Size		Wattage & Lumens		Color Temperature	
Series					T8				
TLEDM		24	24 inches			15W	15 watts/ 1800 Lumens	830	3000K
		48	48 inches			15W	15 watts/ 1800 Lumens	835	3500K
						18W	18 watts/ 2100 Lumens	840	4000K
								850	5000K

Installation Instruction

- ◆ Check the ballast installed in the field and make sure the ballast is in manufacturer's ballast list.
- ◆ Loose and damaged lamp holder and socket need to be adjusted or be replaced.

"Plug" and "Play" procedure

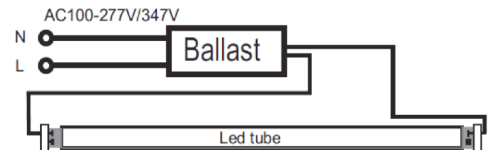
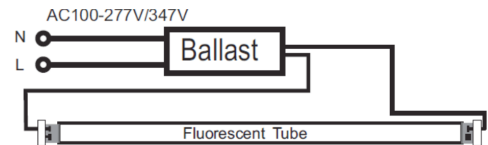
- ◆ Turn off the power to the light fixture at the breaker panel before installation.
- ◆ Open the diffuser from the light fixture.Ensure pins are firmly seated in lampholders.
- ◆ Remove the fluorescent tubes, Please dispose of these items properly as they contain mercury.
- ◆ Put led tube into the lighting fixture.
- ◆ Install the Led tube,close the diffuser.
- ◆ Turn on the power.

Caution

- ◆ Use only with specific electronic ballast.
- ◆ Risk of fire.Loose or damaged end cap and lampholder need to be replaced before installation.
- ◆ Risk of electric shock. Make installation with gloves.
- ◆ Use only in place of fluorescent lamps specified on label.
- ◆ This lamp is intended for use with emergency exists.
- ◆ These lamps are to be used in indoor damp location only. Do not suitable for wet location.
- ◆ These lamps works with a light dimmer.
- ◆ If the lamp or luminaire exhibits undesirable operation (Buzzing, Flickering, etc), immediately turn off power, remove lamp from luminaire and contact manufacturer.
- ◆ This lamp only operates on electronic ballasts.If lamp does not light when the luminaire is energized, remove this lamp from luminaire and contact manufacturer.
- ◆ Do not make mass installation before sample testing.

- Consult ballast compatibility chart prior to use.
- Due to varying condition of ballasts, compatibility cannot be guaranteed.
- Confirm compatibility via test install prior to large scale implementation.
- Consult factory additional models.

Mobern Part Number	Supplier Part Number- On DLC QPL	DLC Product ID
TLEDM-48T815W830	ZY-T8P-15W1200 BIXX PLUG AND PLAY (FROSTED LENS) 3000K	PS6FKK37
TLEDM-48T815W835	ZY-T8P-15W1200 BIXX PLUG AND PLAY (FROSTED LENS) 3500K	PPHE659K
TLEDM-48T815W840	ZY-T8P-15W1200 BIXX PLUG AND PLAY (FROSTED LENS) 4000K	PFB13QJE
TLEDM-48T815W850	ZY-T8P-15W1200 BIXX PLUG AND PLAY (FROSTED LENS) 5000K	PSAD1JZ4
TLEDM-48T818W830	ZY-T8P-18W1200 BIXX PLUG AND PLAY (FROSTED LENS) 3000K	PXZCJYYP
TLEDM-48T818W835	ZY-T8P-18W1200 BIXX PLUG AND PLAY (FROSTED LENS) 3500K	PU7G6TE7
TLEDM-48T818W840	ZY-T8P-18W1200 BIXX PLUG AND PLAY (FROSTED LENS) 4000K	PQQT18BE
TLEDM-48T818W850	ZY-T8P-18W1200 BIXX PLUG AND PLAY (FROSTED LENS) 5000K	PVRMZH5E



Dimensions and specifications subject to change without notice.



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CAT#

JOB NAME

TYPE