

**LED T5 - LINEAR REPLACEMENT LAMP**

DirectReplace SERIES



**PRODUCT DESCRIPTION:**

LumiraLED Lighting DirectReplacement LED T5 lamp is the ideal plug and play solution that works straight out of the box. Designed to deliver over 3100 lumens, these energy-saving LED lamps are quick, easy and safe to install into existing linear fluorescent fixtures without any extra effort or re-wiring. LumiraLED Lighting LED T5 lamps utilize the existing 54W T5HO electronic ballasts, thus minimizing maintenance and labor costs. Tested to NSF Standards, these lamps carry the ETL Sanitation Mark and are suitable for use in an environment where food intended for human consumption is produced.

**FEATURES:**

- Wattage (Bare Lamp): 27W
- Input Voltage: 120-277 VAC, determined by fluorescent ballast
- Compatible with most electronic 54W T5HO ballasts
- All glass construction with PET coating
- 240° beam angle
- Color Rendering Index (CRI): ≥83
- 50,000 hour life
- THD <20%
- Power Factor: 0.9 nominal
- Five year limited warranty
- Suitable for use in dry and damp locations
- Suitable for use in totally enclosed recessed fixture
- Direct replacement for 54W T5HO lamps only
- Do not install this lamp in a pre-heat luminaire
- This device is not intended for use with emergency exits or for emergency lighting

MODEL SELECTION (Full list of order codes on pg. 2)		Typical order example: L27T5DF440-CG		
L27	T5	DF	LN	
FAMILY	LAMP TYPE	OPERATION	LENGTH	CCT
L27= LED Linear L27 = LED Linear	T5= T5 tube T5 = T5 tube	DF= Direct Replacement DF = Direct Replacement	LN= 4 FT LN= 2 FT	35-CG= 3500K, Coated Glass 40-CG= 4000K, Coated Glass 50-CG= 5000K, Coated Glass

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DirectReplacement CG SERIES

## SPECIFICATIONS:

ITEM	SPECIFICATION	DETAILS
GENERAL PERFORMANCE	Bare Lamp Wattage	27W
	Lumens Delivered*	3100-3400
	CRI	≥83
	Beam Angle	240°
	Color Temperature (CCT)	3500, 4000K, 5000K
	Lumen Maintenance (L70)	50,000 hours
ELECTRICAL	Power Factor	≥ 0.9
	Input Voltage	120-277V, 347V ballast dependent
PHYSICAL	Operating Temperature	-4°F to 113°F
CERTIFICATION	Certification	UL, DLC, ETL Sanitation Listed
	Material Usage	RoHS compliant, no mercury
	Environment	Dry, Damp, ETL Sanitation Listed
	Warranty	5 Years

\* Operating with T5HO ballast

## WATTS & LUMENS\*:

BARE LAMP WATTAGE	AVERAGE SYSTEM WATTS	INITIAL LUMENS
27	30	3100

\* Lumens and watts will vary by ballast and fixture

## ORDERING:

ORDER CODE	MODEL	CCT	DIMENSIONS (L" x DIA")
96537	L27T5DF435-CG	3500K	45.75" x 0.75"
91499	L27T5DF440-CG	4000K	45.75" x 0.75"
91500	L27T5DF450-CG	5000K	45.75" x 0.75"

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## COMPATIBLE BALLASTS (2 LAMPS):

MANUFACTURER	MODEL NUMBER	LAMP QTY	INPUT VOLTAGE 120V	INPUT VOLTAGE 277V	INPUT VOLTAGE 347V
ESPEN	VE454MVHRP	2	✓	✓	✗
FUSION	FB254347T5E	2	✗	✗	✓
FUSION	FB254T5MVE	2	✓	✓	✗
HALCO	EP254HO/PS/MV	2	✓	✓	✗
HALCO	EP254HO/PS/MV/MC	2	✓	✓	✗
HALCO	EP454HO/PS/MV	2	✓	✓	✗
HUAFENG	ENP-T5-54-S2MC	2	✓	✓	✗
KEYSTONE	KTEB-254HO-UV-PS-SL	2	✓	✓	✗
KEYSTONE	KTEB-254HO-UV-PS/A	2	✓	✓	✗
MAXLITE	MLEU542HOP/SC	2	✓	✓	✗
OSRAM	QTP5 2*54	2	✓	✗	✗
OZ.LIYUAN	LYEB5812	2	✓	✓	✗
PACIFIC	EB-254PRS-U	2	✓	✓	✗
PHILIPS	ICN-2S54-N	2	✓	✓	✗
SUNPARK	U-2/54T5HO	2	✓	✓	✗

## COMPATIBLE BALLASTS (4 LAMPS):

MANUFACTURER	MODEL NUMBER	LAMP QTY	INPUT VOLTAGE 120V	INPUT VOLTAGE 277V	INPUT VOLTAGE 347V
FUSION	FB454347T5E	4	✗	✗	✓
FUSION	FB454T5MVE	4	✓	✓	✗
HALCO	EP454HO/PS/MV	4	✓	✓	✗
HUAFENG	ENP-T5-54-S4LC	4	✓	✓	✗
KEYSTONE	KTEB-454HO-UV-PS	4	✓	✓	✗
MAXLITE	MLEU544HOP/SC	4	✓	✓	✗

Please contact Lumira **LED** Lighting for questions about third party ballasts that are not on this list.