

# USER GUIDE

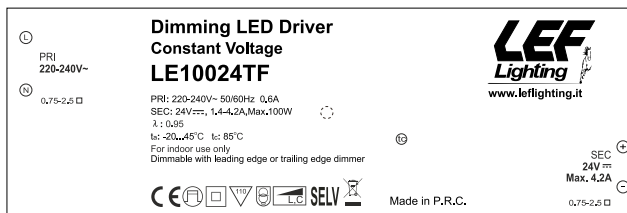
## LE10024TF

Phase-cut dimmable constant voltage 24Vdc (CV) LED driver



### General Characteristics

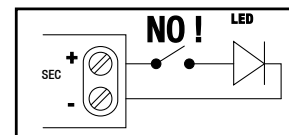
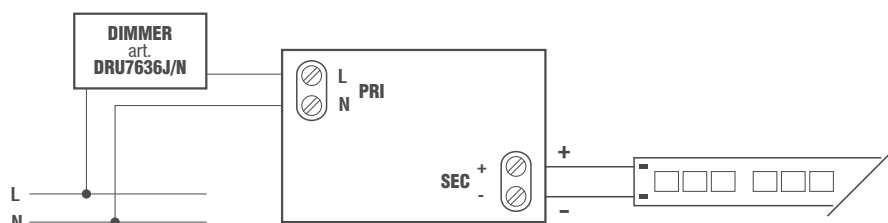
Plastic case  
Driver for independent mounting  
Electric class protection II  
Protection degree IP20



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CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Potenza di uscita Output power (W)		Comando Command	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (mA)		PFC (λ)	CC CV	Peso Weight (g)
			MIN	MAX			MIN	MAX			
LE10024TF	220-240	50÷60	33,6	100	TRIAC-IGBT	24	1400	4200	0,95	CV	390

### Wiring Diagrams



#### N.B.

Power supply not suitable for  
no-load operation.

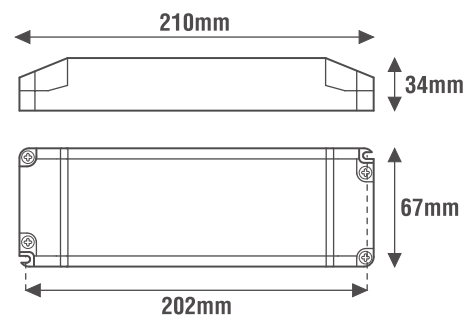
#### ATTENTION:

The installation of the product must be  
followed by qualified personnel.  
If the product is used for purposes other  
than the original ones or if it is connected  
incorrectly, LEF Lighting S.R.L. will not  
accept any responsibility for damages  
caused.

**Dimmerazione a Taglio di Fase ascendente (a inizio fase) TRIAC Leading Edge**  
Ascending Phase Cutting Dimming (at the beginning of the phase) TRIAC Leading Edge  
**Dimmerazione a Taglio di Fase discendente (a fine fase) IGBT Trailing Edge**  
Descending Phase Cutting dimming (at the end of the phase) IGBT Trailing Edge

### Technical Features

Input voltage range 220-240Vac  
Input frequency 50÷60Hz  
**Constant voltage output 24Vdc**  
**Output power 100W**  
Energy Efficiency (EE): 91%  
**Phase-cut dimmable with mode:**  
- TRIAC Leading-Edge  
- IGBT Trailing-Edge  
Open circuit protection (OCP)  
Overload protection (OLP)  
Protection against overtemperature (OTP)  
Short circuit protection (SCP)  
Power factor correction (PFC)  $\lambda \geq 0,95$   
Operating ambient temperature  $T_a -20^{\circ}\text{C} \div +45^{\circ}\text{C}$   
Max case temperature on  $T_c 85^{\circ}\text{C}$



### Reference standards

EN 55015  
EN 61000-3-2  
EN 61000-3-3  
EN 61347-1  
EN 61347-2-13  
EN 61547  
EN 62384



PRODUCT TO BE DISPOSED  
DIFFERENTLY FROM URBAN WASTE  
AEE Identification nr.IT18040000010321



MADE IN P.R.C.



LEF LIGHTING S.R.L. | www.lef Lighting.it

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