

INSTRUCTIONS LE1835TF / LE1850TF / LE1870TF DIMMABLE CONSTANT CURRENT LED DRIVERS

Dimmable constant current LED drivers.

Constant output current 350/500/700mA.

Phase-cut dimmable with mode:

- TRIAC Leading-Edge

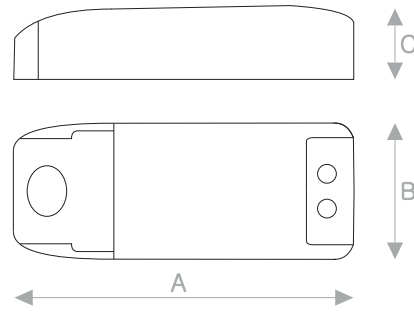
- IGBT Trailing-Edge

Plastic case.

Driver for independent mounting.

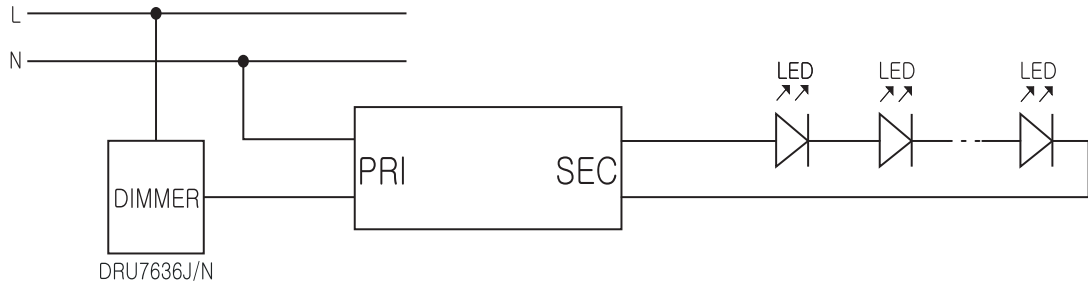
Electric class protection II.

Protection degree IP20.



CODICE CODE	TENSIONE DI INGRESSO INPUT VOLTAGE (Vac)	FREQUENZA DI RETE INPUT FREQUENCY (Hz)	POTENZA DI USCITA OUTPUT POWER (W)		N° LED MIN - MAX	TENSIONE DI USCITA OUTPUT VOLTAGE (Vdc)	CORRENTE DI USCITA OUTPUT CURRENT (mA)		CC CV	PFC (λ)	PESO WEIGHT (g)	DIMENSIONI DIMENSIONS (mm)			
			@110V	@230V			Vled ≈ 3V	@110V				@230V	A	B	C
LE1835TF	220-240	50÷60	-	18	5-14	15-52	-	350	CC	0,90	100	113	44	28	-
LE1850TF					3-10	9-36		500							
LE1870TF					2-7	6-26		700							

WIRING DIAGRAM



Dimming LED Driver Constant Current
LE1835TF 18W 350mA

PRI: 220-240V~ 50/60Hz 0.11A
SEC: 350mA, 15-52V $\overline{=}$, Max.18W
 λ : 0.90C t_a =-20...50°C t_c =90°C
Dimmable with leading edge or trailing edge dimmer
SELV

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Dimming LED Driver Constant Current
LE1850TF 18W 500mA

PRI: 220-240V~ 50/60Hz 0.11A
SEC: 500mA, 9-36V $\overline{=}$, Max.18W
 λ : 0.90C t_a =-20...50°C t_c =90°C
Dimmable with leading edge or trailing edge dimmer
SELV

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Dimming LED Driver Constant Current
LE1870TF 18W 700mA

PRI: 220-240V~ 50/60Hz 0.11A
SEC: 700mA, 6-26V $\overline{=}$, Max.18W
 λ : 0.90C t_a =-20...50°C t_c =90°C
Dimmable with leading edge or trailing edge dimmer
SELV

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Technical Features

- Input voltage range: 220-240Vac
- Input frequency: 50÷ 60 Hz
- **Constant output current 350/500/700mA**
- Protection against overtemperature (OTP)
- Overload protection (OLP)
- Short circuit protection (SCP)
- Open circuit protection (OCP)
- Power factor correction (PFC) $\lambda \geq 0,90$
- Operating ambient temperature T_a -20°C ÷ +50°C
- Max case temperature on T_c : 90°C

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.

Reference Standards:

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



PRODUCT TO BE DISPOSED DIFFERENTLY FROM URBAN WASTE



MADE IN P.R.C.

LEF LIGHTING S.R.L.

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