

# USER GUIDE

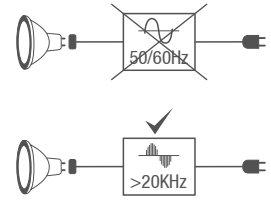
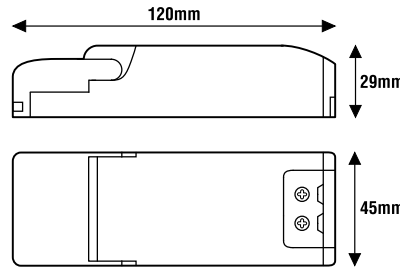
## MAXDLED70N, MAXDLED105N

Phase-cut dimmable electronic transformers for halogen and LED lamps 12Vac



### General Characteristics

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



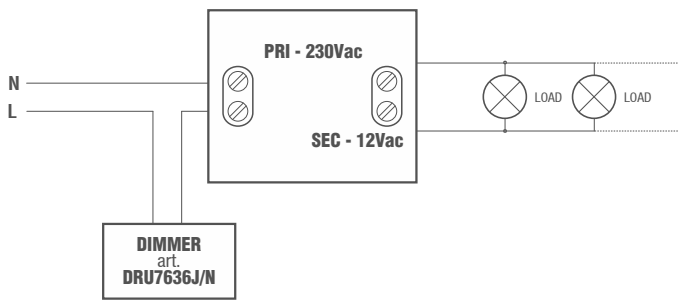
Connectable LED lamps must admit a 12Vac power supply in high frequency (HF) or one operating indication with electronic transformer

**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

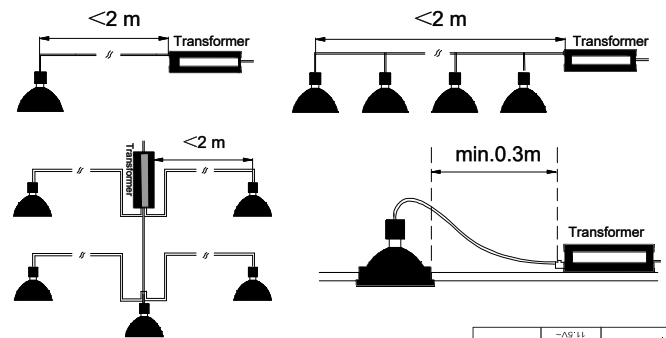
**Dimmerazione a Taglio di Fase ascendente (a inizio fase) TRIAC Leading Edge**  
Ascending Phase Cutting dimming (at the beginning of the phase) TRIAC Leading Edge

CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Potenza lampade LED Power LED lamps (W)	Potenza lampade alogene Power halogen lamps (W)	Tensione di uscita Output voltage (Vac)	Frequenza di uscita Output voltage (Khz)	PFC (λ)	Peso Weight (g)
MAXDLED70N	220-240	50÷60	1-50	1-70	12	26÷38	0,99	110
MAXDLED105N				1-105				120

### Wiring diagram



### Installation distances to be respected



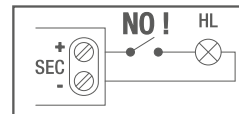
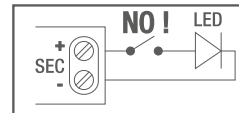
- N.B. Maximum number of 12Vac LED lamps connectable: 6 pcs**
- N.B. Secondary power supply cables must not exceed 2 meters in length**

### Reference Standards

- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 61347-1
- EN 61347-2-2
- EN 61547
- EN 62493

### Technical Features

- Input voltage range 220-240Vac
- Input frequency 50÷60Hz
- Voltage output 12Vac
- Output frequency 26÷38KHz
- Phase-cut dimmable:
  - TRIAC Leading-Edge
  - IGBT Trailing-Edge
- Energy Efficiency (EE) 93%
- Open circuit protection (OCP)
- Protection against overtemperature (OTP)
- Overload protection (OLP)
- Short circuit protection (SCP)
- Power factor correction (PFC) λ ≥ 0,99
- Operating ambient temperature Ta -10°C ÷ +50°C
- Max case temperature on Tc 80°C



**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.

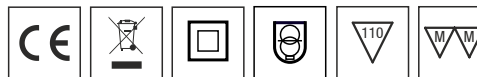


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MADE IN P.R.C.

LED	HL	EE 93%	DIM TRIAC IGBT	OUT HF 40KHz
ta MAX 50°C	tc MAX 80°C	PFC λ ≥ 0,99	105 WATT	AC 12V
				55mm

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



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Viale L. Ariosto 478 - 50019 Sesto Fiorentino (FI) - ITALY | Tel +39 055 421 77 27 - Fax +39 055 425 44 92