

USER GUIDE

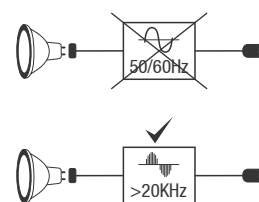
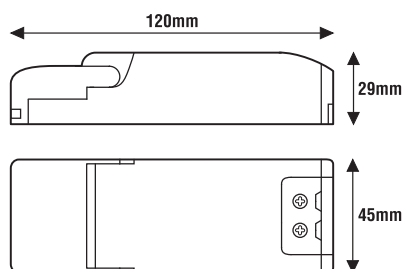
MAXDLED70N, MAXDLED105N

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

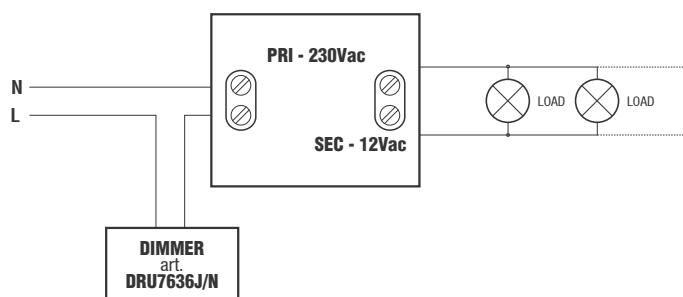


Connectable LED lamps must admit a 12Vac power supply in high frequency (HF) or one operating indication with electronic transformer

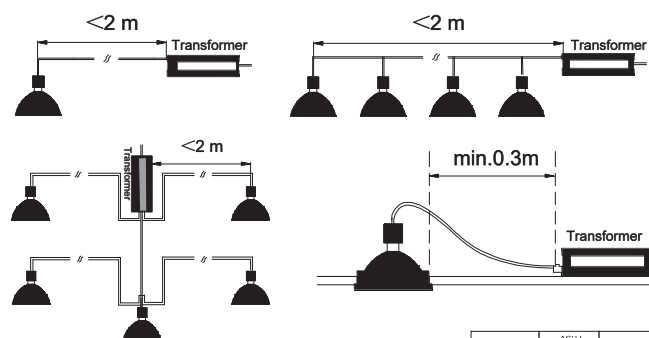
Dimmerazione a Taglio di Fase discendente (a fine fase) IGBT Trailing Edge
Descending Phase Cutting dimming (at the end of the phase) IGBT Trailing Edge
Dimmerazione a Taglio di Fase ascendente (a inizio fase) TRIAC Leading Edge
Ascending Phase Cutting dimming (at the beginning of the phase) TRIAC Leading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

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)

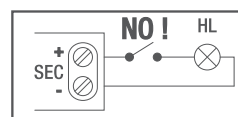
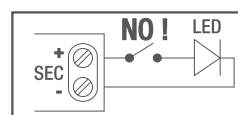
Power factor correction (PFC) $\lambda \geq 0,99$

Operating ambient temperature $T_a -10^{\circ}\text{C} + 50^{\circ}\text{C}$

Max case temperature on $T_c 80^{\circ}\text{C}$

Reference Standards

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



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.



www.lef-lighting.it

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

