

# MAXI JOLLY US MIDNIGHT

TCI LED

Direct current dimmable electronic drivers with DIP-SWITCH

Alimentatori elettronici regolabili in corrente continua con DIP-SWITCH

Made in Europe



SAA-141682-EA



Accessories not supplied - Accessori non a corredo		
Article - Articolo	L (length)	Code - Codice
Synchronization cable Cavetto di sincronizzazione	1,5 m / 4 ft	485720512
	4 m / 13 ft	485720513
	50 cm / 19,68"	485720515
	20 cm / 7,87"	485720516



4.2

**Rated Voltage**  
Tensione Nominale

110 ÷ 127 V<sup>(2)</sup>  
220 ÷ 240 V

**Frequency**  
Frequenza

50...60 Hz

**AC Operation range**  
Tensione di utilizzo AC

99 ÷ 264 V

**DC Operation range**  
Tensione di utilizzo DC

DC 170 ÷ 280 V  
(NO operation mode)

**Power**  
Potenza

0 ÷ 50 W

**Maximum current output ripple**  
Max. ondulazione della corrente uscita

≤ 3%<sup>(1)</sup>

**Reference Norms**

**Norme di riferimento:**

CSA-C22.2 n° 107.1<sup>(2)</sup>

CSA-C22.2 n° 250.13<sup>(2)</sup>

EN 50172 (VDE 0108)

EN 55015

EN 61000-3-2

EN 61000-3-3

EN 61347-1

EN 61347-2-13

EN 61547

EN 62384

UL 1012<sup>(2)</sup>

UL 8750<sup>(2)</sup>

Article Articolo	Code Codice	P out W	V out DC	I out DC	n° LED max. <sup>(1)</sup>	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency <sup>(1)</sup>
DC MAXI JOLLY US MIDNIGHT	122416	25 (25 <sup>(2)</sup> )	74 max.	350 mA cost.	20	90	-25... +50	85	0,95	> 89
	122416CC <sup>(3)</sup>	35 (35 <sup>(2)</sup> )	72 max.	500 mA cost.	20					
		39 (39 <sup>(2)</sup> )	72 max.	550 mA cost.	20					
		46 (40 <sup>(2)</sup> )	72 max.	650 mA cost.	18/20					
		50 (40 <sup>(2)</sup> )	71 max.	700 mA cost.	18					
		50 (40 <sup>(2)</sup> )	66 max.	750 mA cost.	16/18					
		50 (40 <sup>(2)</sup> )	58 max.	850 mA cost.	16/18		-25... +45			
		50 (40 <sup>(2)</sup> )	55 max.	900 mA cost.	16					
		50 (40 <sup>(2)</sup> )	48 max.	1,05 A cost.	14					
		48Vout voltage limit settable with Dip-Switch - Poutmax=50W								

<sup>(1)</sup> Referred to V<sub>in</sub> = 230 V, 100% load - Riferito a V<sub>in</sub> = 230 V, carico 100%

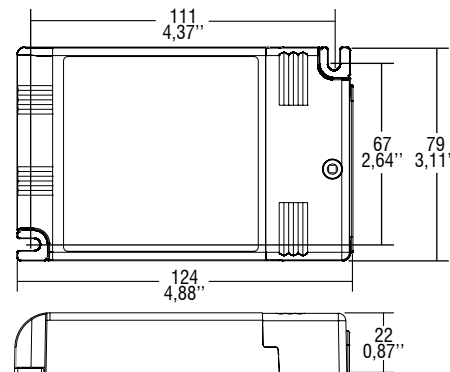
<sup>(3)</sup> With conformal coating - Con tropicalizzazione

**Wiring diagram - Schema di collegamento** (Max. LED distance at page info8 - Massima distanza LED a pagina info8)

CODE	122416	122416T	122416X
Reduction Time T1/T2 see page MIDNIGHT	T1=3h T2=5h %=50%	T1=2h T2=6h %=20%	T1=2h T2=5h %=50%



Compatible with ZHAGA (AM3)



## Features

- IP20 independent driver.
- Class II protection against electric shock for direct or indirect contact.
- Active Power Factor Corrector.
- Analogical input for thermal sensor connection.
- Auxiliary output 12 V max. 100 mA.
- Current regulation ±5 % including temperature variations.
- Input and output terminal blocks on the same side (wire cross-section up to 2,5 mm<sup>2</sup> / AWG13).
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3 mm - max. 8 mm.
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads.

## Caratteristiche

- Alimentatore indipendente IP20.
- Protetto in classe II contro le scosse elettriche per contatti diretti e indiretti.
- PFC attivo.
- Entrata analogica per connessione sensore termico.
- Uscita ausiliare 12 V max. 100 mA.
- Corrente regolata ±5 % incluse variazioni di temperatura.
- Morsetti di entrata e uscita sullo stesso lato (sezione cavo fino a 2,5 mm<sup>2</sup> / AWG13).
- Serracavo su primario e secondario per cavi di diametro: min. 3 mm - max. 8 mm.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.

