

## **Dimmable Constant Current LED Drivers**

## IZCOxx-018T Series

### **Product Overview**

IZC0xx-018T Series are a range of RoHS compliant single output Constant Current power supplies, of non waterproof design, suitable for indoor LED lighting applications with triac dimming function.

### **Technical Features:**

- Captive terminal screws for ease of installation
- Snap lock cable strain relief
- Over load/short circuit and thermal protection
- Triac Dimming 1-100%
- Leading and trailing edge operation
- Class II product

#### **Applications:**

- Residential LED lighting
- Retail Lighting
- LED downlights
- LED Backlighting
- Mood lighting
- Light sculptures

### **Product Options**

æ		Z LED DRIVER Intelligent	
	PRI 220-240V-	LED Solutions www.ied.co.uk IZC050-018T-9500A-SX	
	0	PRI :220-240V~ 50/60Hz 0.11A	
-	0.76-2.5*	SEC : 500mA, 9-36V == Eff : 0.95 ta = -2050c tc = 80'c ( W W W 8	
3		Dimmable with leading edge or trailing edge dimmer SELV equivalent	
100			-
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ILS PART NUMBER	Voltage	Current	Power	LED Config.	Operating Temperature	Dimensions
IZC070-018T-9500A-SX	6V-26V	700mA	18W	2-7 White LEDs	-20°C to +50°C	L113xW44xH28mm
IZC050-018T-9500A-SX	9-36V	500mA	18W	3-10 White LEDs	-20°C to +50°C	L113xW44xH28mm
IZC035-018T-9500A-SX	15-52V	350mA	18W	5-14 White LEDs	-20°C to +50°C	L113xW44xH28mm



ATASH

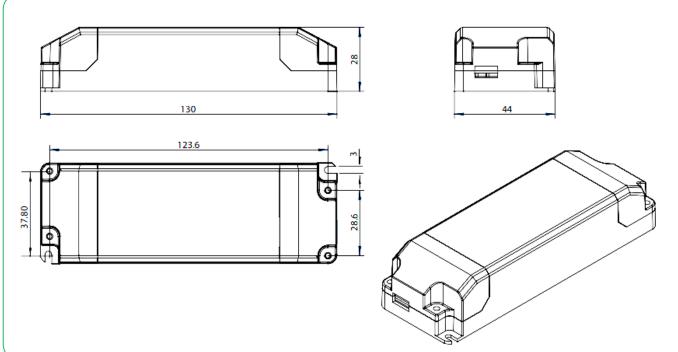
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### **Specification**

•	IP Rating	IPZO
•	Input Voltage	220-240V
•	Input Frequency	50Hz to 60Hz
•	Power Factor	0.95
•	Efficiency	higher than 80%
•	Set Up Time	< 2s
•	Over Load Protection	100-135% of rated output power
•	Over Temperature Protection	Thermal shutdown
•	Dimming Control	Triac controlled 1-100%
•	Storage Temperature	-20°C to +80°C
٠	Lifetime	50K hours full load 25°C
•	Safety Standards	Designed to meet EN61347-1:2001/EN61347-2-13:2001
•	EMI Standards	Meets Emissions to EN 55105,EN61547
•	Weight	108g
•	Input Connections	Screw terminal
•	Output Connections	Screw terminal

## **Technical Drawing**

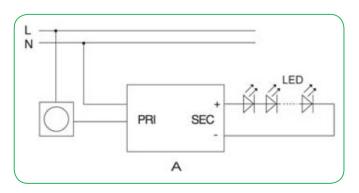




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## **LED Configuration**



### For further information please contact ILS

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.



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