

# 12 Watt Constant Current LED Driver

IZCXXX-012T-8000-SA

## Product Overview

IZCXXX-012F 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.

## Applications

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



## Technical Features

- Captive terminal screws for ease of installation
- Snap lock cable strain relief for quick installation
- Over load/short circuit and thermal protection
- Leading and trailing edge operation
- Class II product
- Cooling by free air convection
- 220-240V AC input

## Product Options

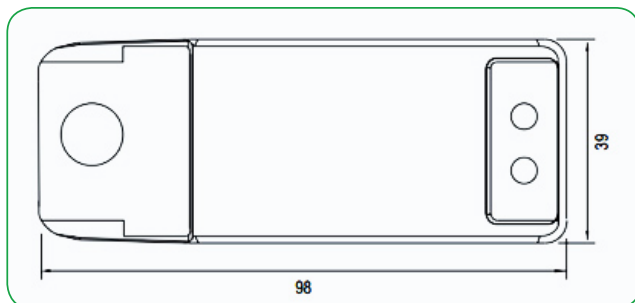
ILS PART NUMBER	Input Voltage	Current	Power	LED Configuration	Operating Temperature	Storage Temperature	Dimensions mm
IZC035-012T-8000-SA	2-34V	350mA	12W	1-11 White LEDs	-20 to +50°C	-20 to +80°C	98 x 39 x 22 mm
IZC050-012T-8000-SA	2-24V	500mA	12W	1-8 White LEDs	-20 to +50°C	-20 to +80°C	98 x 39 x 22 mm
IZC070-012T-8000-SA	2-17V	700mA	12W	1-5 White LEDs	-20 to +50°C	-20 to +80°C	98 x 39 x 22 mm
IZC105-012T-8000-SA	2-12V	1050mA	12W	1-4 White LEDs	-20 to +50°C	-20 to +80°C	98 x 39 x 22 mm

## Specification

### Output

● IP Rating	IP20
● Input Voltage	220-240V
● Input Frequency	50Hz to 60Hz
● Power factor	0.95
● Efficiency	Higher than 76%
● Set up time	<2s
● Overload protection	100~135% rated output power
● Over Temperature Protection	Thermal shutdown
● Dimming control	1-100%, Triac controlled
● Lifetime	90K hrs min full load (25°C)
● Safety Standards	Design refers to EN61347-1:2001, EN61347-2-13:2001
● EMC	Compliance to EN55015, EN61547
● Weight	108g
● Input Connections	Screw terminal
● Output Connections	Screw terminal

## Technical Drawing



## RoHS Compliance

Our products comply with the European Directive 2002/95/EC, calling for the elimination of lead and other hazardous substances from electronic products

## 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.