



Let the Light be Life™

# MIZAR™ & VEGA™ LAMPS

FOR 12-24VDC SYSTEMS

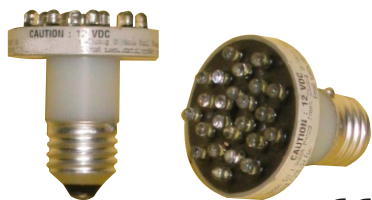
Istar Solar® is always careful in researching new products to offer to its customers as innovative and reliable solutions, in order to propose systems that allow not only a saving on the electric power consumptions, but above all a remarkable saving on the purchase of photovoltaic products.

In fact our newest **MIZAR™ LED lamps** and **VEGA™ compact fluorescent lamps (CFL)**, both for direct current, guarantee an energy saving of approximately 80% if compared to the traditional incandescent lamps.

Our lamps are particularly suitable for photovoltaic and battery systems, since the low consumption and the high efficiency allow to have a greater yield of the system to parity of luminous intensity of the common sources of light available in the market.

The costs of solar systems much depend on the average consumption and the service life of single loads. Therefore, by limiting the consumption, there is also a remarkable reduction of the quantity of photovoltaic modules and batteries needed to the system.

Extremely practical, these lamps can be installed without problems since their standard **E27** socket is adaptable to every common lamp bulb. Many applications can be realized with these lamps since they are suitable in use in any environmental condition.



- consumption below 2 watts
- long lifetime 100.000 hours
- compact design
- waterproof
- no flickering effect
- cool & safe power
- white colour

## MIZAR™ 24

Our **MIZAR™ 24** lamp is a new product of **Istar Solar®** particularly studied for 12 Volts direct current systems.

It is composed of 24 ultra bright white Led with a very low consumption: below 2 watts!

The very good value for money is particularly determined by the long lifetime service of the lamp: **100.000 hours, about 10 years without replacement**, that is considerably higher than that of any other kind of lamps for 12V systems.

This lamp is the ideal solution for lighting shop windows, spot light, road signalling, swimming pools, and many others small applications.

## Technical data

Nominal power	Watts	2
Nominal voltage	Volts	12
Lighting element	pcs	24 white
Tested life span	h	100.000
Dimentiones	mm	70 x Ø55
Weight	gr	60
Socketed		E27



- 12 - 24 VDC
- low consumption
- very good luminous efficiency
- no flickering effect
- polarity protection
- white colour

## VEGA™

Our **VEGA™** lamps are Compact Fluorescent Lamps, 12 and 24 Volts, white light, for direct current.

These special resistant lamps can be switched on and off many thousand times by means of a pre-heating circuit, together with an electronic circuit for frequency control.

The luminous efficiency of these lamps is comparable with that of standard incandescent lamps of 40 and 60 watts.

VEGA™ lamps can be used for indoor lighting, gardens, rural houses, refuges and in particular remote areas where the grid is missing.

**Istar Solar®** can supply four different types of VEGA™ lamp:

- VEGA 5 5 Watt, 12 and 24 VDC
- VEGA 9 9 Watt, 12 and 24 VDC

## Technical data

		VEGA 5	VEGA 9
Nom. Power	Watts	5	9
Nom. Voltage	Volts	12/24	12/24
Average lumens	Lm	200	450
Dimentiones	mm	115xØ41	135xØ41
Weight	gr	85	100
Socketed		E27	
Tested life span	h	8000	
Oper.temperature	°C	-10 a +50	

Istar Solar® reserves the right to change the features of products without notice

**ISTAR SOLAR® S.r.l.**

**Head Office:** Corso Garibaldi n.83 - **Factory:** Via dell'Edilizia n.17 85100 Potenza (PZ) ITALY  
Tel.+39 0971 274725 Fax +39 0971 23465 E-Mail: info@istarsolar.com Web: www.istarsolar.com