

XENON Mini-Licht Source TLX-24

This very compact light source is especially designed for borescopic applications. It combines between smallest dimensions and minimum weight with enormous light output. A new developed low voltage mini xenon arc lamp with 24 watts power only has a very low heat production. Therefore the necessary cooling fan could be designed very small.

- 12 V DC operation voltage,
- can also be operated on a rechargeable battery or via a connection cable for the cigarette lighter of a car,
- with an automatic AC mains power supply (order no. 2.31824.301),
- continuously adjustable brightness control via a mechanical diaphragm,
- very robust metal housing
- very easy to use
- size of the housing is a little bit more than 3 cigarette boxes
- less weight



Technical Data:

Model / Order no.	TLX-24 / 2.31824.001
Lamp power	24 Watts
Kind of the lamp	Solarc Xenon short arc reflector lamp
Max. input current	2,6 A
Colour temperature	5.500 K (day light)
Life time of the Lamp	>400 hours
Brightness control	manual with a diaphragm on the front panel 10 -100%
Cooling fan	Ø 38 mm output on the rear side
Safety class	I
Elektr. voltage	12 V DC (input on the rear side)
Operation conditions	Temperature 0°- 34°C / rel . humidity: 30 - 95%
Dimensions / weight / cable lengths	Licht source: (WxHxD) 8,6 x 6,8 x 12,8 cm / 752 gr. Mains power supply: (WxHxD) 5,8 x 2,9 x 11,5 cm / 360 gr. Mains cable 1,80 m long, connection cable 1,90 m long
Mains power unit (to order separate)	110-240 V AC to 12 V DC Order no.: 2.31824.301
Spare arc lamp	Order no.: 2.24024.101 (necessary: light adapter no. 8083.10)

Halogen Light Source TLH-12 eco

This light source **TLH-12 eco** with 100 watts halogen mirror lamp became rigidly designed for durable use of the lamp. The light source is **small, simply, robust and reliable** also at continuous operations. The brightness control will be through a mechanical diaphragm, which allows a stepless light adjustment from 10-100% as well as a economy switch for electronic 50% brightness reduction and 4-fold life time. Therefore the lamp operation time in full mode will be 1,500 hours and in the eco mode even approx. 6,000 hours (only at optimal environs and operation conditions). The light output in comparison of a TLH-1-150-watts light projector will be of 60% less. For using WOLF light guides is needed an connection adapter (see below at the technical dates).

- robustly, powder coated metal case
- small dimensions
- super longlife through eco mode reduction about 40%, through that increasing of the lamp life at factor 4.
- easy lamp change
- relatively quiet but effective cooling fan



Technical Dates:

Model	TLH-12 eco
Lamp power / Voltage	100 watts / 12 volts
Lamp type	halogen mirror lamp (Spare lamp order no.: 2426.00)
Brightness control	manual adjustable, mechanic diaphragm 10%-100%
Brightness switch	2-step electronic switch on rear side for 100% und 60% power
Operation conditions	temperature 0° - +40° C / rel. humidity: 30 - 75%
Accessories encl.	1 Lampe 12V/100W (installed), mains cable 2 m long, instruction manual
Electrical safety	CE, protection class II, Electr. safety 73/23 EEC, EMC 89/336 EEC
Mains power	230V / 50-60 Hz (other mains power on request)
Dimensions / Weight	(WxHxD) 135 x 87 x 200 mm / 3,3 kg
Order nos.	2.40140.001 WOLF light guide adapter 1.80830.14 (necessary!)