LQ-FX 11 || LQ-FXV 11

XENON COMPACT FLASH SOURCE FOR UV-VIS RANGE

In a compact device, flash light, control electronics, fiber optic coupling, motor diaphragm and wide-range power supply are integrated. Customized adaptations for fiber optics, maximum flash frequency or energy as well as dimming and triggering are possible on request.

HIGHLIGHTS

- Large spectral range 185 to 2,000 nm
- High light output
- Lamp and reflector as unit, easy lamp change, no adjustment
- Automatic glare protection
- Lifetime: Number of flashes > 10^9
- LQ-FXV 11: 20 - step dimming (1 - 100 %)

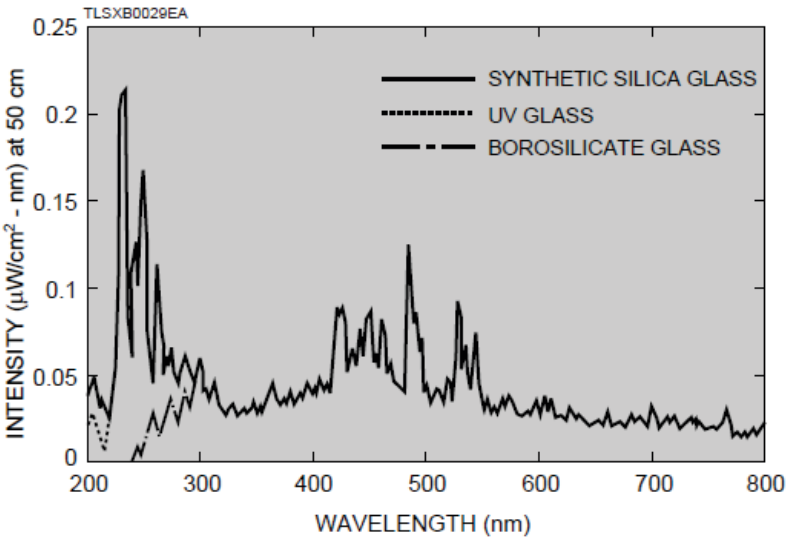
APPLICATIONS

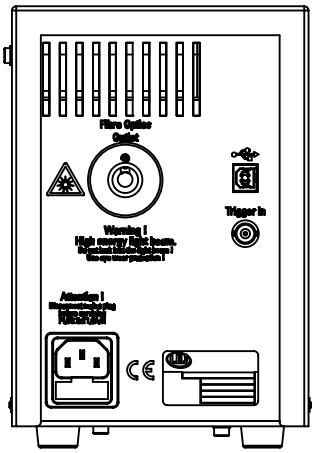
- **Machine image processing**
- **Measuring technology**
- **Spectroscopy**
- **Analytics**

LQ-FX 11 || LQ-FXV 11

Technical data LQ-FX(V) 11	
Features	
Lamp type	L4633 or L4633-01
Light output	Fiber optic socket Storz long, optimized for optical fibers active Ø 5 mm
Flash energy [J]	11÷ maximum flash frequency
Max. flash frequency	100 Hz
Min. number of flashes	1 x 10^9
Interface	USB
Dimming (only LQ-FXV 11)	mechanically, 20 steps 1 to 100%
Trigger	edge triggered via BNC connector, level low <+ 0.8V, level high> + 3.0 V, input voltage 10 V
Safety	
Safety circuit	switches off the device when the housing cover is opened
Overtemperature protection	the lamp supply is switched off at overtemperature, after cooling down again
Glare protection	the light output remains automatically closed as long as no optical fiber is inserted

Specifications	
Mains voltage	100 to 240 VAC
Mains frequency	50 to 60 Hz
Power input	max. 100 VA
Dimensions	
Width x height x depth	145 x 210 x 305 in mm
Weight	4,6 kg
Order	
Scope of delivery	device with lamp, mains cable, manual
Accessories	Accessories such as replacement bulbs, fiber-optic cables and adapters can be found in the separate data sheet: **Compact light sources - accessories** || We also have solutions for multi-pin light guide couplings
Order example	LQ-FX 11-100





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