

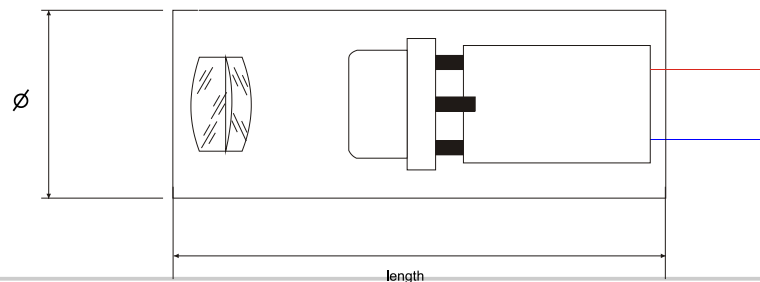
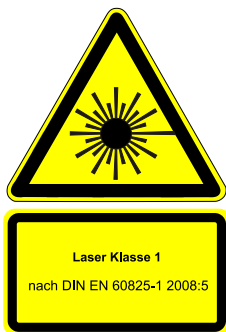
## Red Line Lasermodule

### LFL650-5(12x45)90-NT

- Laser Class 1
- With 230V power supply
- Low cost
- Compact size
- Fixed focus

Parameter	min.	typ.	max.	Unit
Operating Current		30		mA
Optical Diode Power		5		mW
Operating Voltage	3	6	12	V DC
Wavelength		650		nm

Parameter	Value
Lifetime	>3000h
RoHS	yes
Power Supply	LFNT-3-C
Storage Temperature	-40°C - 80°C
Operating Temperature	-20°C - 40°C
Size	Ø12x45mm
Output Aperature	6mm
Material	Aluminium
Potential of Housing	VDD(+)
Operating Distance	1m
Focus	fixed
Optics	acrylic lens
Divergence	0.8mrad
Line Thickness	<1mm@1m
Fan Angle	90°
Laser Class	1
Beam Shape	Line



Revision 9

Laserfuchs is a registered trademark of the Picotronic GmbH

**Picotronic GmbH**  
Rudolf-Diesel-Str. 2a  
56070 Koblenz  
Germany

Geschäftsführende  
Gesellschafter:  
David Heckner,  
Thiemo Komischke

**FON** +49(0)261-983 497-0  
**FAX** +49(0)261-983 497-10  
[www.picotronic.de](http://www.picotronic.de)  
[info@picotronic.de](mailto:info@picotronic.de)

Bankverbindung:  
Postbank Stuttgart  
**BLZ** 600 100 70  
**KTO** 770 787 04

**IBAN** DE41 6001 0070 0077 0787 04, **BIC** PBNKDEFF  
Steuernummer: 22/651/0291/4, **Ust-Idnr.** DE814473445  
Amtsgericht Koblenz HRB 20026  
**WEEE-Reg.-Nr.** DE85231360