

SWIR fiber optic light (2SLG-SWIR)

LS-2SLG-SWIR series · Custom lights · 3 models

Used for exterior and interior inspection. 9 wavelengths from 810nm to 1650nm are standard. Best for replacing halogen light sources.

Features

- Used for exterior and interior inspection
- 9 wavelengths from 810nm to 1650nm are standard
- Best for replacing halogen light sources
- Due to the LEDs, it helps to long-term use and reduce the thermal damage to the irradiation



Applications

- Semiconductor wafer and chip crack impurity detection
- Food screening and sorting
- Condition identification of fillers
- Low light night vision to observe objects in the night

Common specifications

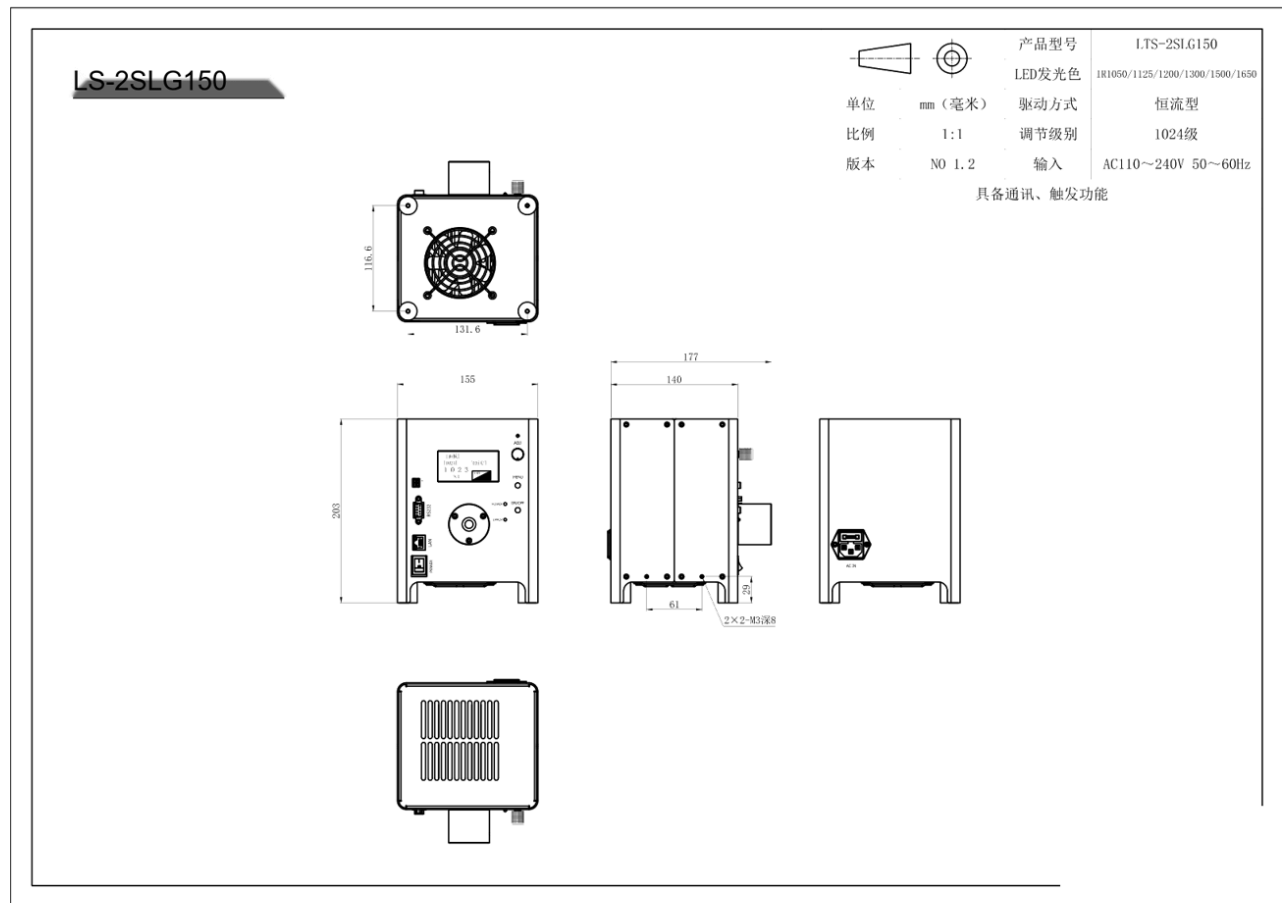
Baud rate	19200bps
Communication method	RS232/LAN
Compatible fiber diameter	Fiber OF diameter dia. 6-14mm
Dimension	L177xW155xH203(mm)
Drive mode	Constant current
External trigger voltage	5-24V
Input voltage	100-240V AC

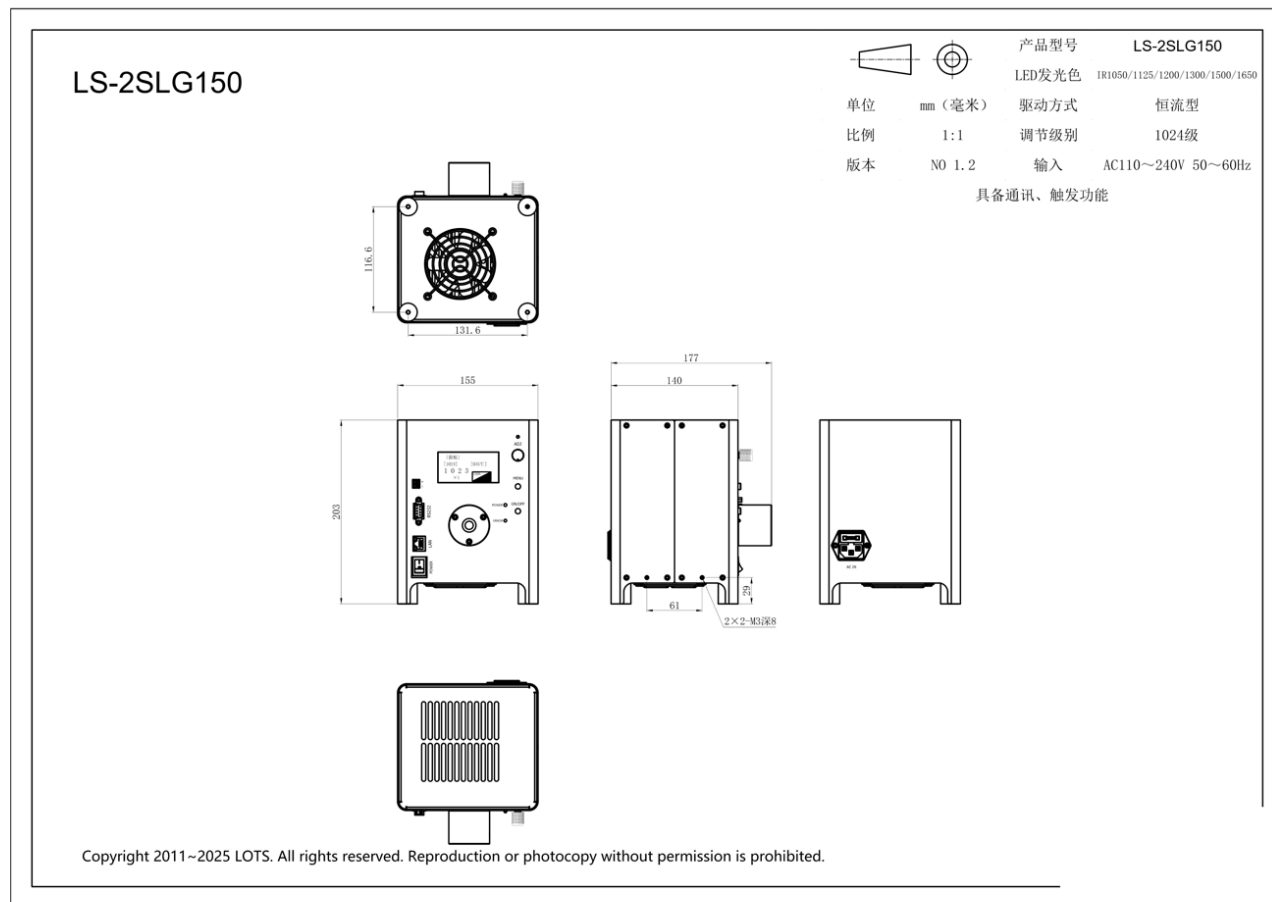
Insulation and voltage resistance	AC1500V 1 minute cut off current 10mA, DC500V20MΩ or more
Life span	30000 hours (until the light intensity reaches 50% of the time)
Luminance control level	256/1024 Level
Luminance control method	Manual encoder knob adjustment, RS232/LAN communication optional
Number of channels	1 ch
Operating environment	Temperature : 0 to 40°C Humidity : 20 to 85%RH(Non-condensing)
Protection functions	Over-load protection, over temperature protection, power off saving
Storage environment	Temperature : 0 to 50°C Humidity : 20 to 85%RH(Non-condensing)
Trigger response time	20us

Models

Model	Model as printed	Type	Wavelength	LED Wavelength
LS-2SLG150-NIR	LS-2SLG150	NIR	810/850/940nm	810-940nm
LS-2SLG150-SWIR	LS-2SLG150	SWIR	1050/1125/1200/1300/1500/1650nm	1050-1650nm
LS-2SLG250-SWIR	LS-2SLG250	SWIR	1300nm	1300nm

Dimensions





Performance

