

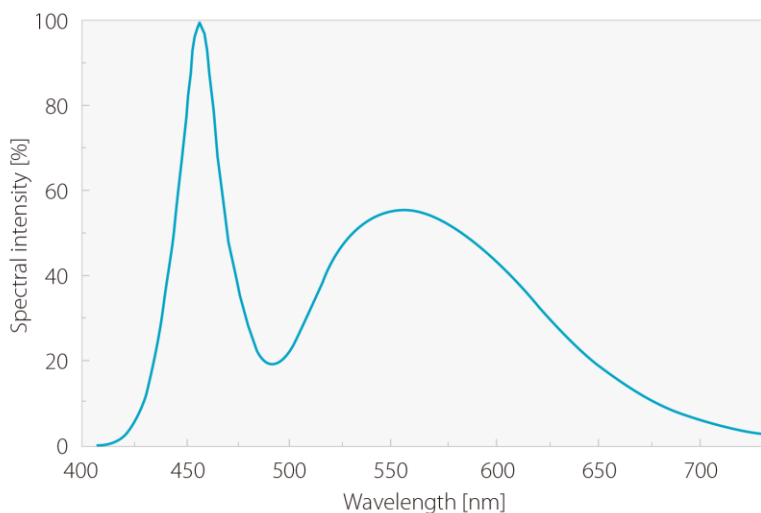
LS-L150

LED Light Source

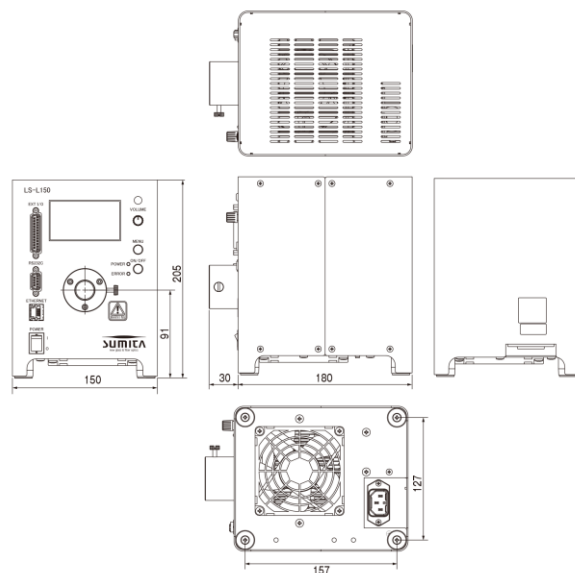


- Highest intensity output: Powerful light illumination equal to 250 W class of metal-halide light source
- Long lifetime: Approx. 30,000 hours
- A maximum of 1,024 steps light control
- Capable of state display and operation setting on LCD display
- Various remote light control functions: Ethernet, digital light control, 0 - 5 V analog light control, and RS232C light control

◆ Spectral Diagram



◆ LS-L150 Light Source



◆ Specifications

Model	LS-L150
AC input voltage	AC 100 - 240 VAC 50/60 Hz
Power consumption	Typ 200 VA
LED color	White (Other wavelength is available upon request)
Illuminance (reference value) ^{※1}	280,000lx
Light control	- Manual: Turn volume knob on front face - Remote: Ethernet, digital light control (8- and 10- bit), analog light control (DC0 – 5 V), RS232C light control
Operating environment	Temperature: 5 - 40°C Humidity: 20 - 80% RH (non-condensation)
Cooling system	Forced-air cooling
LED lifetime	Approx. 30,000 hours (Till 70% deduction of intensity)
Color temperature	6,020 - 8,500K
Lighting system	Constant-current system
Alarm function	LED temperature, LED state (open/short circuit)
Environmental compatibility	RoHS/REACH compliant
External dimensions	W 150 x H 205 x D 180 [mm] (excluding protrusions)
Weight	Approx. 3.9 kg

※1 Reference value of an initial illuminance measured at 50 mm distance from the output end with SUMITA's standard light guide (1,000 mm long and bundle diameter of 5 mm).