

SHLA

RoHS

SHLA Halogen fiber optic Illuminator.

Illuminators generate light and guide it into a fiber light guide for use in inspection, microscopy and machine vision applications.

The SHLA-150 is an updated design with PSE (Safety Electrical Appliance & Material) and UL(Underwriters Laboratories) certification for applications where a Halogen light source is required.

Not limited to a specific bulb, a number of <insert bulb form factor> type bulbs can be installed, including both 12V and 15V bulbs.

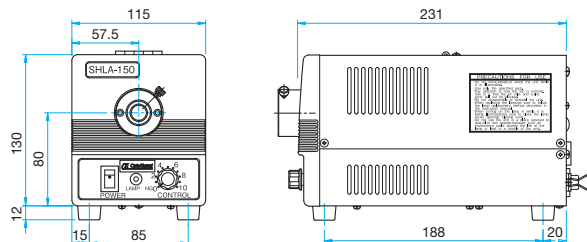
- Analog external remote control is available.



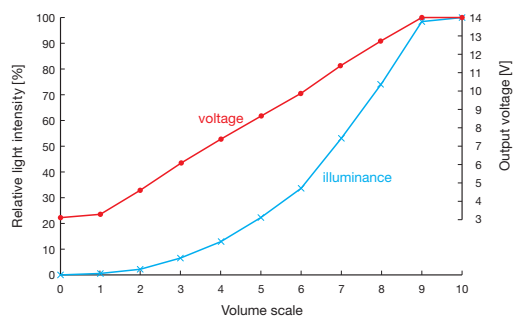
Outline Drawing

(Units: mm)

SHLA-150



Illuminance characteristic (at a manual control)



*Dimming characteristics at a remote control is different from this.

Guide

- ▶ Contact our Sales Division for CE compliant products.
- ▶ Light guide is also available.

Specifications

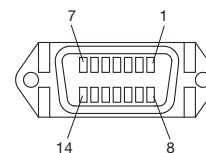
Part Number	SHLA-150
Lamp Used	JCR15V150W5H/5
Average lamp life *1	700 hours
Color Temperature *2	3100K – 3200K
Average Luminance *2	650,000 lx over
Input Voltage	AC100-120V (±10%)
Power Consumption	180W (150W lamp maximum rated load)
Environment Conditions	0°C – 40°C / 20 – 80%RH (without condensation)
External Dimensions[mm]	(W)115×(H)130×(D)231 (excluding protrusions)
Weight [kg]	2.6

*1 Time when the ratio of the maximum intensity to the maximum intensity of the new bulb decreases to 50%

*2 Illumination at 15mm away from the tip of light guide when a light guide of bundle diameter $\phi 5 \times L1,000$ is used with maximum light intensity

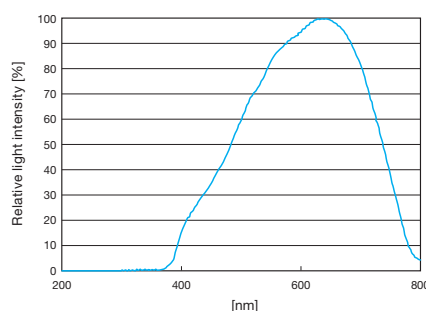
Pin assignment of remote terminals

- Remote for receptacle
- Receptacle part number 57-40140
- Compatible plug 57-30140 (DDK Ltd)



- 1-8: Halogen lamp ON/OFF
- 2-9: The voltage input for remote light amount control (DC 0V~+5V Max)
- 3: Lamp-out signal output terminal (open collector)
- 10: Lamp-out signal output terminal (open emitter)

Spectral intensity comparison (150W)



JCR

- Replacement Lamps for Tungsten Halogen Fiber Illumination Systems



Part Number	Product Description
JCR15V150W5H/5 (H→V)	SHLA-150