

Compact Constant-Current Controller

ILC series

Constant-current power supply with external 0 to 5 V control function
Connectable directly with IHV, IHVB, IHVC, and IBF series



•Constant-current light control power supporting direct connection of IHV, IHVB, IHVC, and IBF series.



IHV, IHVB, IHVC and IBF series, etc.

Power Supply Specifications

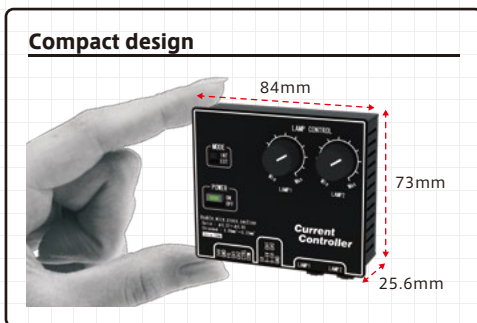
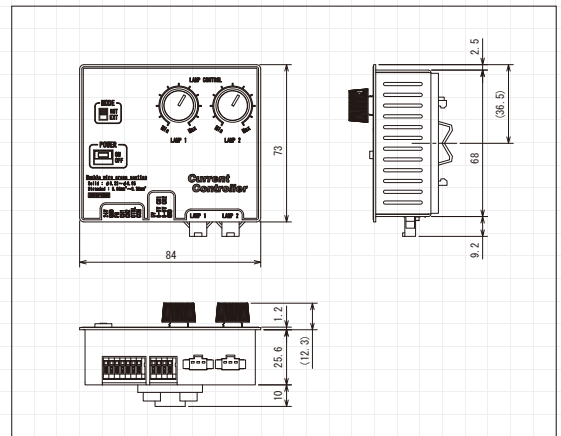
| Model | ILC-700M2-VI | ILC-350M2-VI |
|----------------------|---------------------------------|-------------------------|
| Input Voltage | DC24V | |
| Input Current | 0.3A | 0.15A |
| Rated Output | 700mA/CH | 350mA/CH |
| Channel numbers | 2CH | |
| Light Control System | Variable Output Current System | |
| External Control | Input of 0 to 5V | External ON/OFF Control |
| Supported Lights | IHVB·IHVC·IBF-LX(Except for UV) | IHV·IBF(UV-400) |

*For optional parts, refer to page 83.

*We also sale ILC power supply+ stand + AC adapter + AC cable as a set.



It can be mounted on DIN rail



Compact design

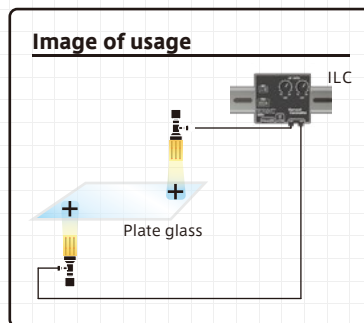
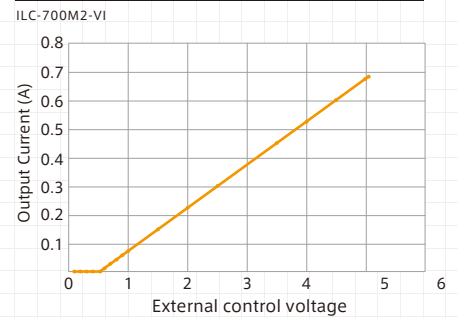


Image of usage

External 0 to 5 V light control output linearity



Compact Controller ILC·IRC series

0 to 5V

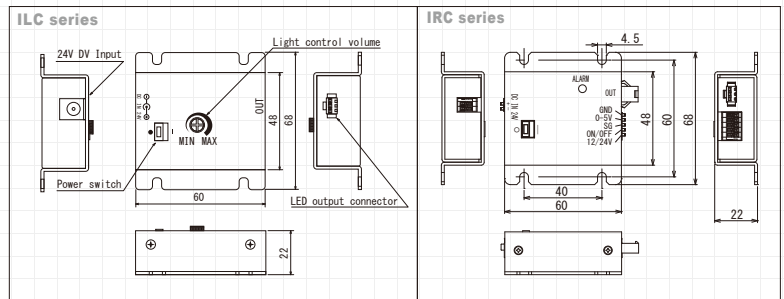
*IRC series only



| Model | ILC-24-350 | ILC-24-700 |
|-------------------|-----------------------|---------------------------------|
| Applicable Lights | IHV IBF-LX(UV-400) | IHVB, IHVC IBF-LX(Except UV) |

- Single-channel type constant-current analog power supply for IHV, IHVB, IHVC, and IBF series.
- Controller's compact design allows installation in small spaces.
- Super lightweight model weighing only 74g.
- Can be used in conjunction with high-speed camera or high-speed line sensor camera thanks to constant-current control system.
- ILC series comes with AC adapter as standard.
- IRC is provided with an external control function.

ILC Example connection



Power Supply Specifications

| Model | ILC-24-700 | ILC-24-350 | IRC-24-700 | IRC-24-350 |
|-----------------------|-------------------------------------------------------|---------------------------|-------------------------------------------------|---------------------------|
| Drive System | Constant current MAX700mA | Constant current MAX350mA | Constant current MAX700mA | Constant current MAX350mA |
| Channel numbers | 1CH | | | |
| Input Voltage | Supplied AC adapter DC 24V 0.5A | | DC24V Over 0.5A | |
| Operating Temperature | 0~40°C | | | |
| Operating Humidity | 20~70% | | | |
| Weight | Approx. 74g | | Approx. 70g | |
| External Control | No external ON/OFF control, No external light control | | External ON/OFF control, External light control | |