

Soleil® Lighting Controller

The Soleil Lighting Controller is a single channel controller which can control up to 40 ballasts/lights in a climate room. Unlike a switchboard, which switches the power supply of regular ballasts on and off, the controller can control appropriate ballast by means of a low-voltage control signal.



Product Description

The Soleil Lighting Controller is a single channel controller which can control up to 40 ballasts/lights in a climate room. Unlike a switchboard, which switches the power supply of regular ballasts on and off, the controller can control appropriate ballast by means of a low-voltage control signal.

The controller is equipped with a 16x2 character green OLED display, ensuring high contrast and clarity in dark and light environments. It provides a self-explanatory menu system with full text interface. The system is equipped with LED status indicators to see the status of the controllers at a glance.

Select from English, Spanish, French, German, and Dutch for the user interface. The controller uses a low-DC voltage to control both ballasts and contactor modules, making the system safe to install. Cables for plug and play installation are provided with the controller and the ballasts.

Glossary of Terminology

EL	Entry Level
Light Cycle	A 24-hour period in which the lights are activated and deactivated once.
Lights On Period	The period of the light cycle in which the lights are activated
Lights Off Period	The period of the light cycle in which the lights are not activated
Cage Clamp	Wire Clamp
Ballast	A ballast is a device intended to ignite and power HID lamps
Complete Fixture	A ballast integrated with a reflector and lamp

Product Specifications

- **Controller Dimensions:** 127 x 22 x 75 mm
- **Weight:** 160 gram
- **Power Supply:** Adapter: 100V-240V
AC 50/60hz - 5V DC (2000mA)
- **Max Voltage / Current Alarm Contacts (NO/NC):**
13,5V/50mA
- **Max Cable Length / Port:** 100m (328 ft.)
- **Max # Ballasts/Port:** 40
- **Max # Ballasts/Controller:** 40

Getting Started with the Soleil Lighting Controller

Installing The Temperature Sensor

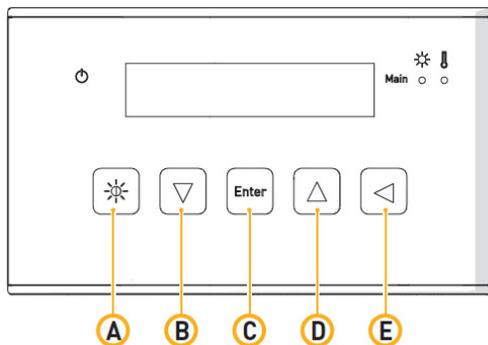
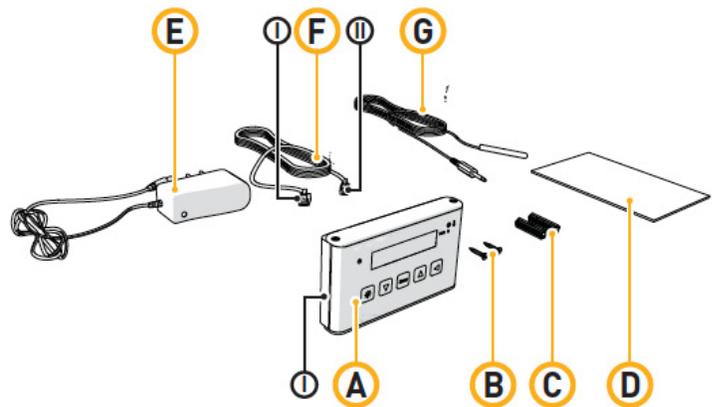
1. Place sensor as close as possible to the existing climate control system
2. Ensure sensor is protected from the light - use a hood if necessary
3. Insert the plug of the temperature sensor into the TI port (4C)
4. The temperature measured by the sensor will be displayed on the controller display

Programming And Using The Controller

1. Set the controller output level
2. Program a light cycle
3. Set the auto-dim temperature
4. Set the shutdown temperature
5. Set sunrise/sunset period (optional)
6. Activate the auto mode on the controller

Soleil Lighting Controller Components

- A. Soleil Master Controller EL1
 - I. Mounting Plate
- B. 2x Countersunk Screw
- C. 2x plug
- D. Manual
- E. 120-240V AC - 5V DC Power Adapter (2000mA)
- F. 1x Controller Cable (5m/16ft)
 - I. RJ14 (6P4C) Plug (Connect to Ballasts)
 - II. RJ9 (4P4C) Plug (Connect to Controller)
- G. 1x Temperature Sensor with Cable (5m/16ft)



- A. Quick Key: View and Adjust Output Level
- B. Down: Navigate Down in Menu/Decrease Value
- C. Enter: Go to Menu/Confirm
- D. Up: Navigate Up in Menu/Increase Value
- E. Back: Navigate Back in Menu/Cancel/Reset