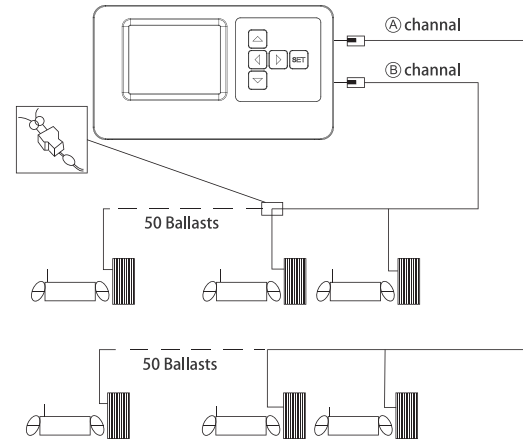# CONTROLLER

DE-SCP-01

Product Advantage

For Dimmable electronic ballast

- No need for a switchboard
- Easy and safe installation(low voltage device)
- Protected against short circuit
- Double temperature safety feature
- Control up to 50 ballasts
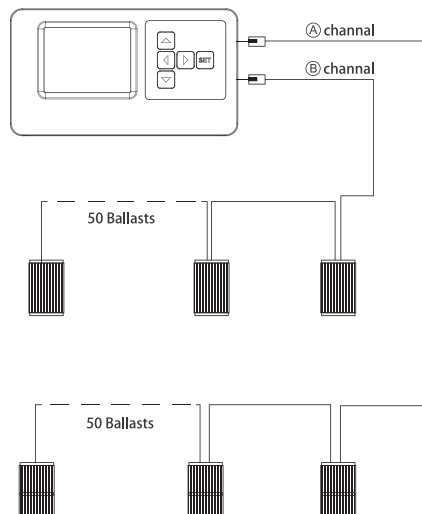- Show output as W or %
- Auto shutdown at temperature setting

❶

Introduction to product connection

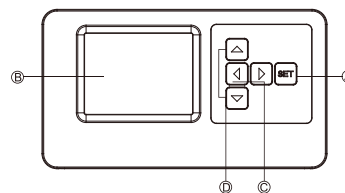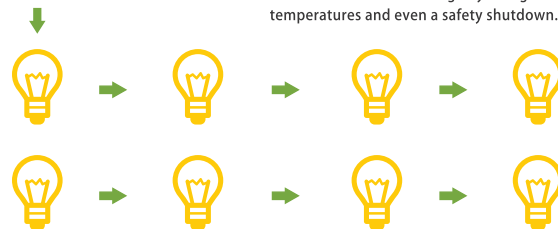| Connecting the controller to complete ballasts	
1	Switch the rotary knob on all ballasts to "EXT"
2	Plug the RJ14 end of the provided controller cable into the RJ14 main port of the controller
3	Plug the RJ14 end of the controller cable(s) into the input of a RJ14 splitter.Use an Interconnect cable to connect one output of the RJ14 splitter to the RJ14 port the ballast
4	Use an interconnect cable to connect one output of the RJ14 splitter to the input of the following RJ14 splitter
5	Repeat this process to connect up to 100 pcs ballasts

❷

Connecting the controller to complete ballasts

1	Switch the rotary knob on all ballasts to "EXT"
2	Plug the RJ14 end of the provided controller cable into the RJ14 main port of the controller
3	Plug the RJ14 end of the controller cable(s) into one of the two RJ14 ports of the first ballast
4	Interconnect the remote ballast to the next ballast in line using an interconnect cable with RJ14 plugs Up to 100 pcs ballasts may be daisy chained this way

❸

Set output level from 0% to 115%.

Sunrise/Sunset Timing Setup.

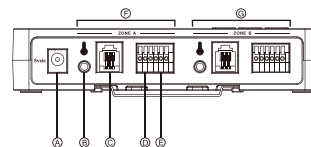Temperature and Humidity Sensors with solid cable connection.

◆ These fixture can be controlled centrally by our Smart controller.

◆ This replaces the often cumbersome installation with contactors and clocks, adds safety features such as automatic dimming of your lights at high temperatures and even a safety shutdown.

CONTROLLERS		
	key	Function
A	Set	To get cursor(long press)/Confirm (short press)
B	Display	Display status and controllermenu
C	Right/Left	Move cursor
D	Up/Down	Changer the Value

CONNECTIONS	
A	5V DC input
B	3.5mm Jack aux temperature sensor
C	RJ14 aux port for controlling up to 100 pcs ballasts
D	Relay switch controlled by temperature senor
E	Relay switch controlled by humidity
F	Zone A
G	Zone B, same functions as Zone A

❹

Using Steps

Setting

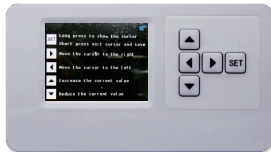★ (1) Click Setting Icon on the Lower Right Conner

★ Menu

★ 0-10V.PWN exchange

★ Sunrise/sunset settings:

1. Group A corresponds to Zone A, Group B corresponds to Zone B.

2. Click the "Active" button to start the sunrise/ sunset function of the group. Click the "Disable" button to stop the sunrise/sunset function of the group.

3. The gradient time can be set from 0 to 60 minutes.

★ Help Page

★ Custom power : Custom power can be selected in the power settings on the main page.

Percentage（Min）: Set the minimum percentage of main page power.

Percentage（Max）: Set the maximum percentage of the main page power.

★ (2) Return back to home page, it is set successfully.

```
400
600
630
800
1000
315
```
———— The Default Power
———— User Custom Power

★ Notes : Above is the power setting or order, User Custom Power comes last,users can choose the corresponding power according to the needs.

★ If there is no operation within 5 minutes, the controller will enter the screen saver mode.