

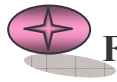
DIM SLIMLAMP



Manual

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Function of Dimslim

- High efficiency dimming ballast
- Use standard Tri-phosphor lamps
- Promotes maximum lamp life in line with the lamp manufacturers' data
- 3 kinds** of Dimslim Controller
 - When using the **TC-S1** to control the Dimslim fixtures upto 14 intensity levels are achievable.
 - Use the **TC-S2** to control the Dimslim fixtures and 7 levels of intensity plus 7 color temperature levels are independently available.
 - Use the **DC-S12** to control the Dimslim fixtures and 12 levels of intensity are achievable.
 - **DC-S12** allows for infinite adjustment by simple up-down push control.
- A simple user friendly **remote controller** can be used in conjunction with TC-S1 or TC-S2 panels.
- Easy and simple installation.

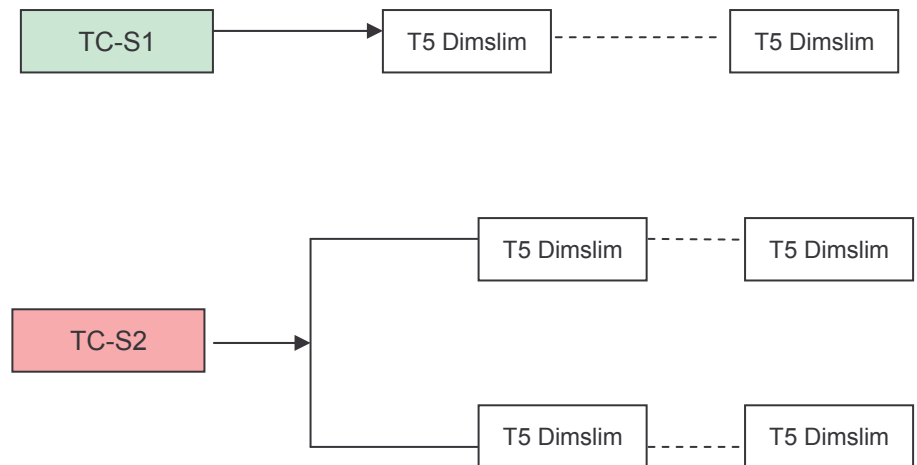
Dimslim

·Product Feature:

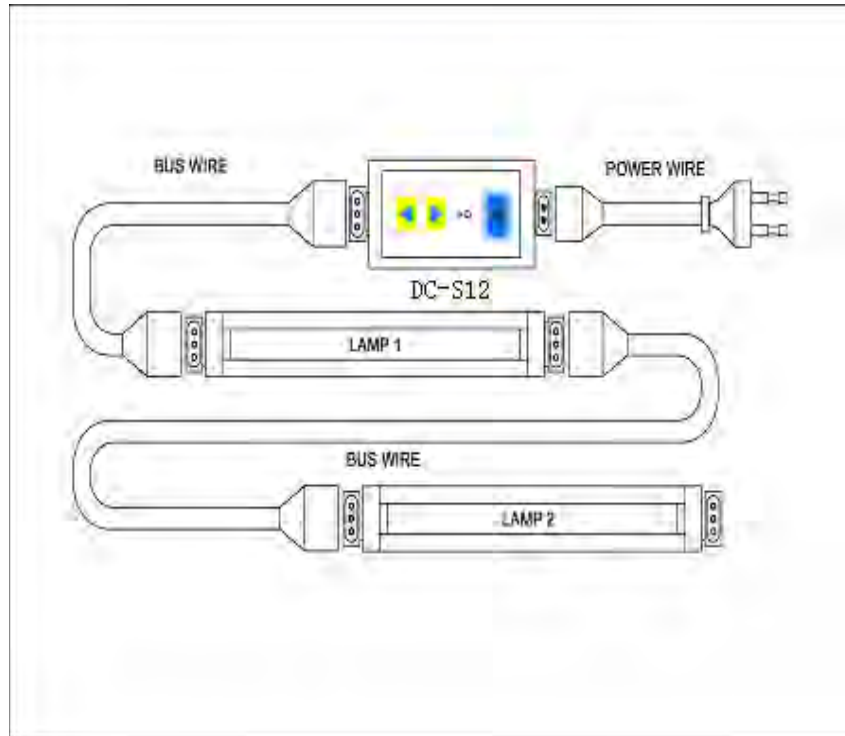
- Built-in electronic ballast
- Energy efficiency
- Used standard T5 Fluorescent tubes (e.g. Osram FH Series, Philips TL5 Series or Feelux bulb)
- Plug-in modular system permits easy connection for continuous lighting
- Extremely long bulb life, rated 16,000 hours
- Optional diffuser available
- Contemporary white casing
 - Stable light
 - Very quiet
 - Dimmable
- Safety meets EN 61347-1:2001, EN 61347-2-3:2001.

Performances:

- Performance level meets EN 60929:1992+A2:1996.
- EMC meets EN55015.
- Harmonic content mains meets EN61000-3-2.
- Immunity meets EN 61547.
- Operating voltage: 180~260VAC, 50/60Hz.
- Power factor: >0.97 (full intensity)
- Size: The World smallest complete dimmable T5 fixture

System composition & accessories **Controller Wiring Diagrams**

- **Controller**



DC-S12



TC-S1



TC-S2

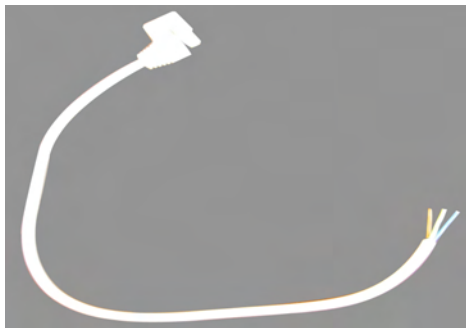
- **Accessories**



Dimslim fixture



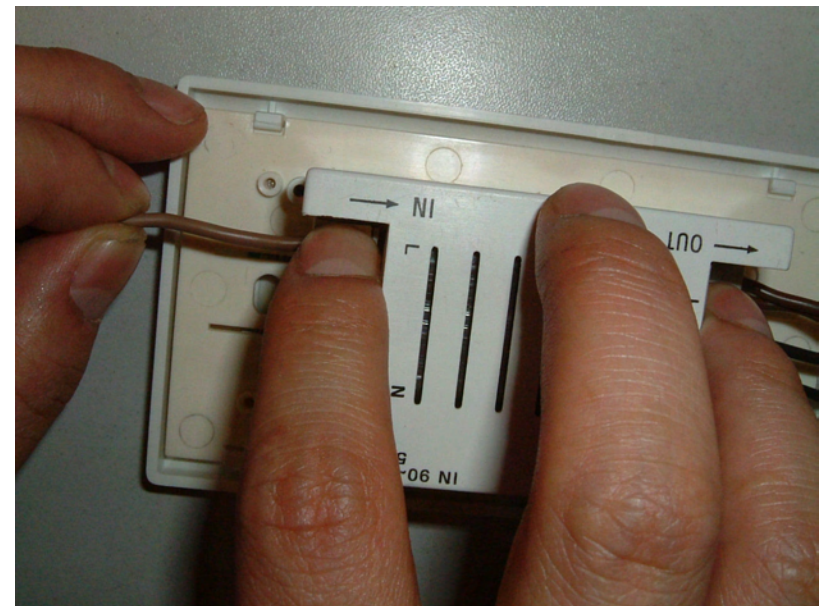
Remote-controller



Bus wire

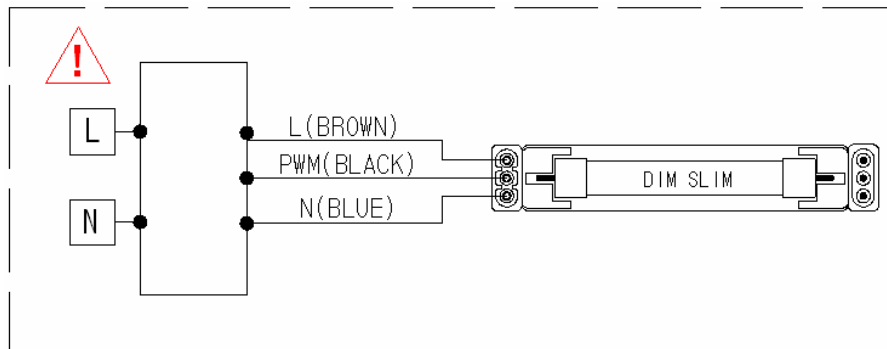
Installation

Press in the terminal block with tool or hand, and insert the wire.

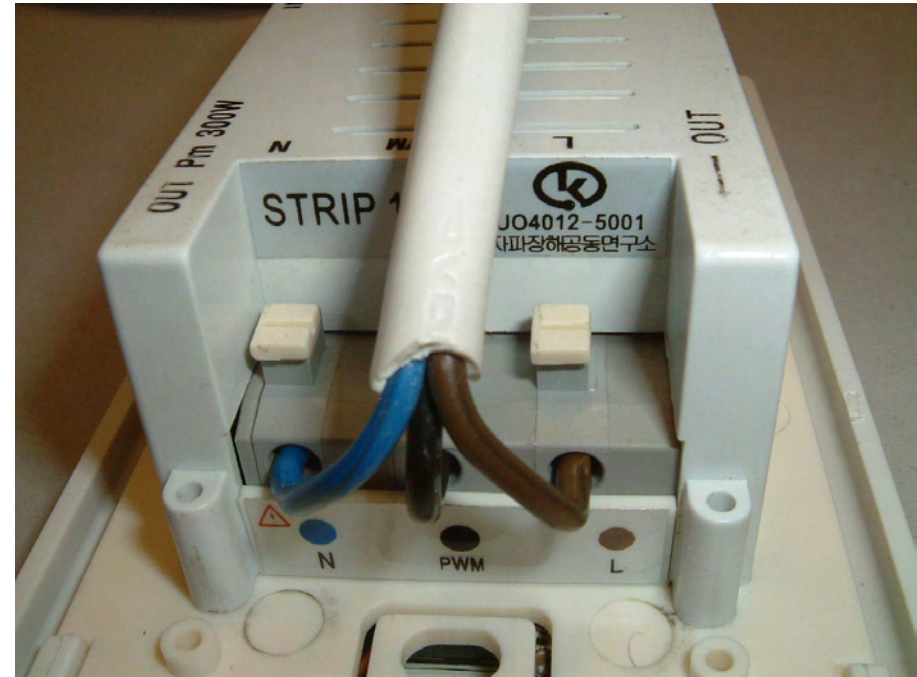
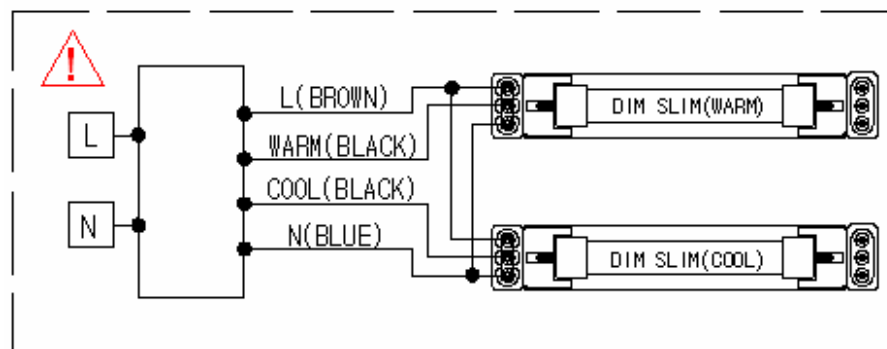


Standard installation diagram

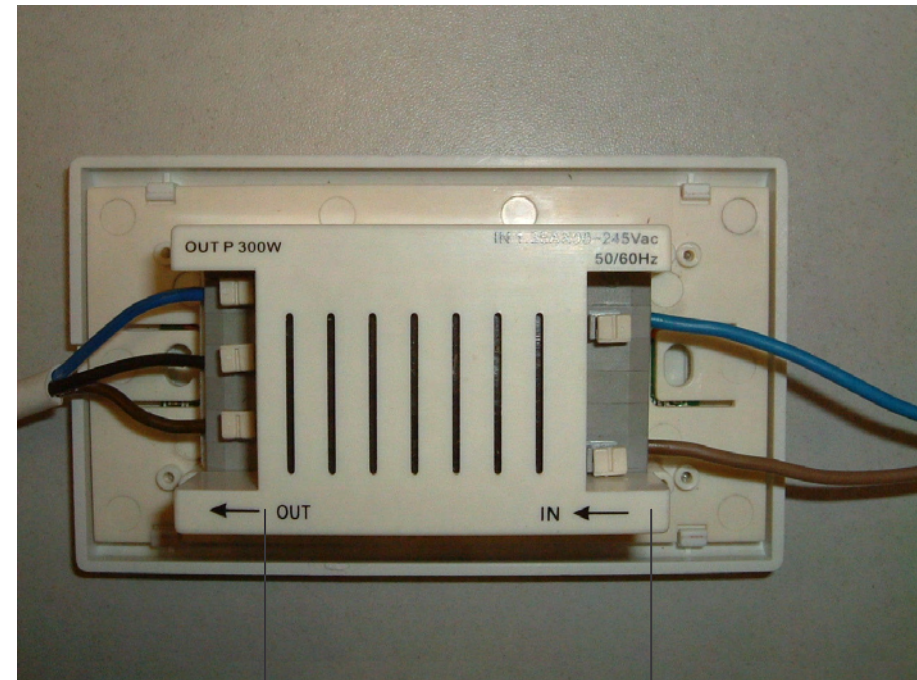
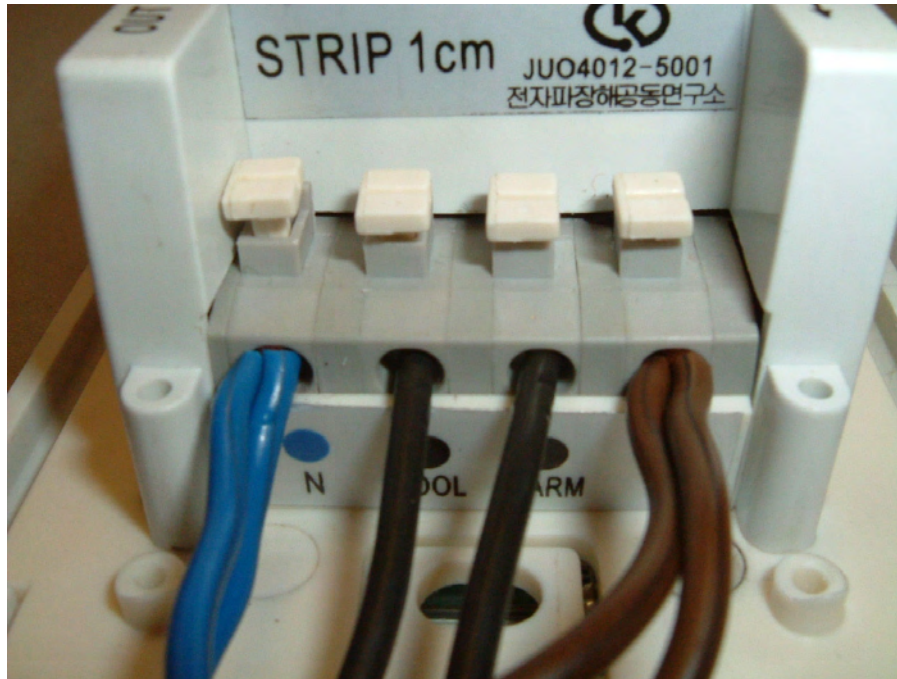
TC-S1:



TC-S2:



From the Dimslim fixtures connect the 3 core cable into the TC-S1 controller



OUT: connect to Dimslim fixture

IN: connect to power

From the 2 separate rows of Dimslim fixtures connect each 3 core cable into the TC-S2 controller and place each signal cable into the correct PWM output terminal

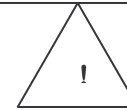
Installation: connect to power and ballast

Battery seat



Put the battery on the right
battery seat before use

Installation of remote-controller



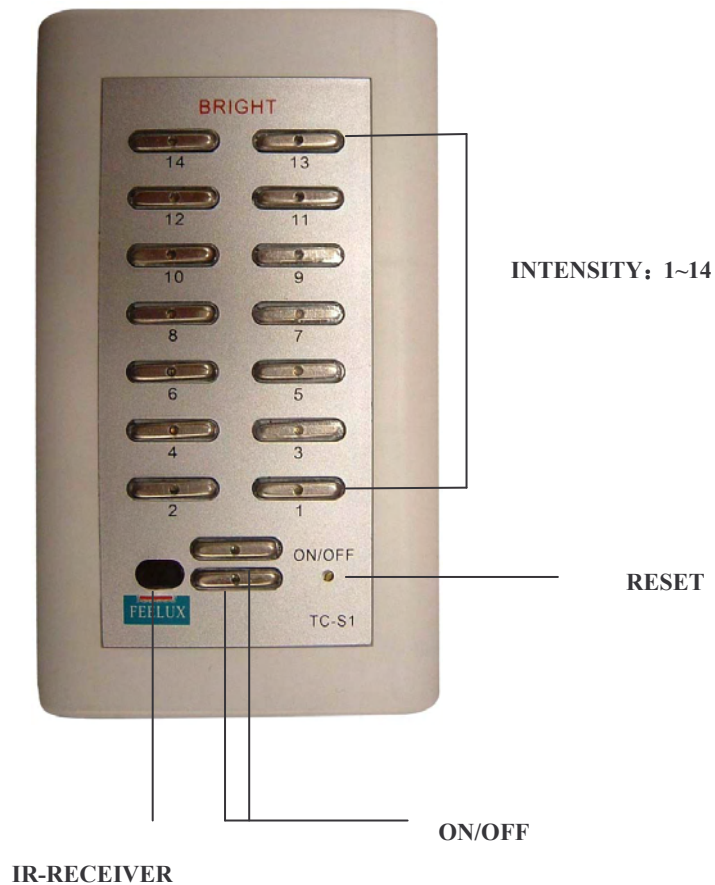
WARNING

Read the instructions above carefully and look at the equipment to become familiar with the device before trying to install or operate.

- Must connect *POWER* with the cable in the input end.
- Must connect *Dimslim fixture* with the cable in the output end.
- Connect *BROWN* wire with *N*.
- Connect *BLUE* wire with *L*.
- Connect wire with *COOL* or *WARM*.

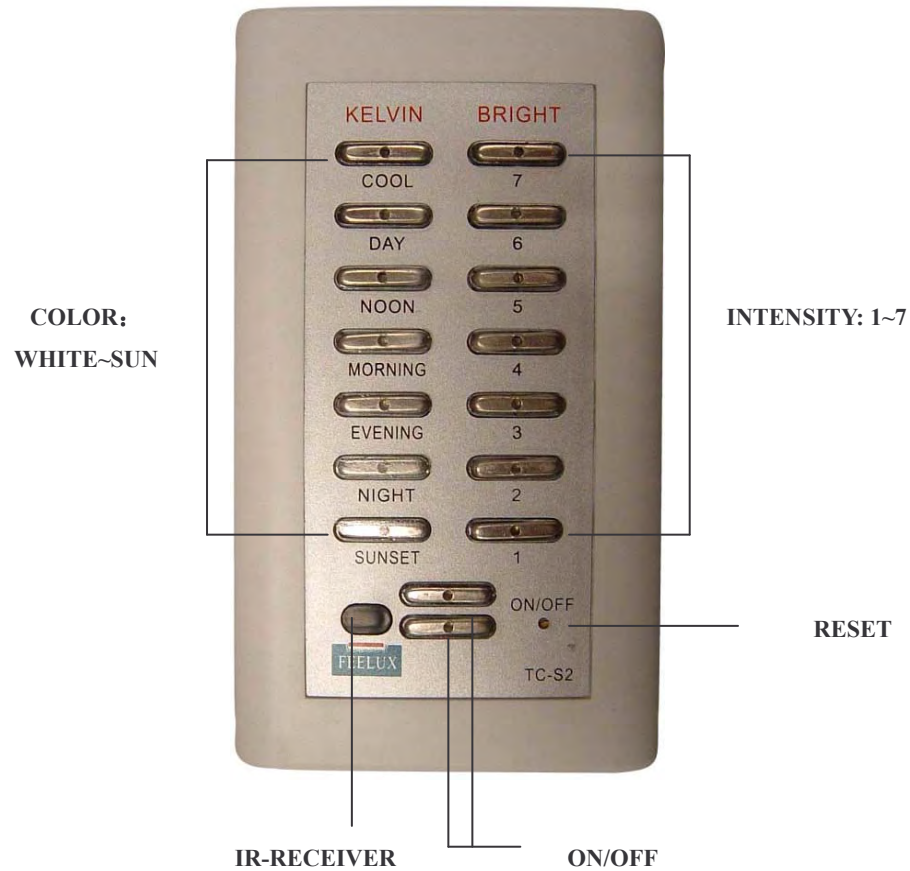


• TC-S1



1. To Turn on the Lamp(s): Touch any one of the 14 **INTENSITY** keys and the lamps will light and fade to the intensity touched.
2. Any intensity level key may be touched for the desired lighting Level.
3. To Turn off the Lamp(s): Touch the **ON/OFF** key and the lights will switch off. Touching again the **ON/OFF** key and the lights will return to their previous dimmed state.
4. All keys have LED status indication and when touch information is received, a “beep” can be heard.

• TC-S2



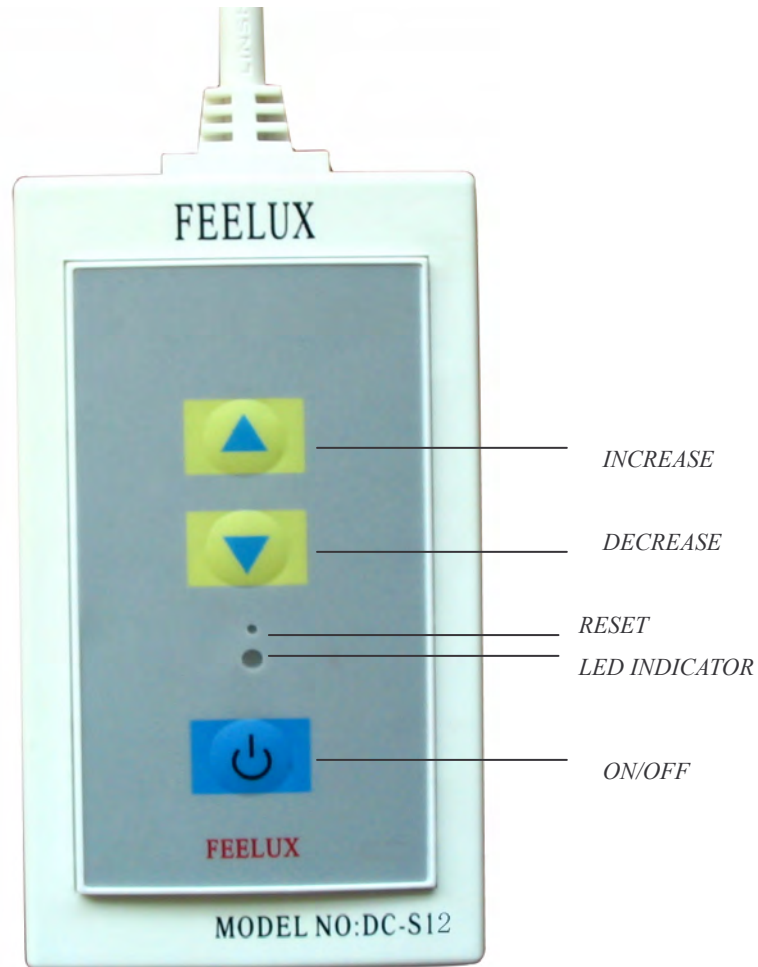
1. To Turn on the Lamp(s): Touch any one of the 7 **INTENSITY** keys or the **COLOR** appearance keys and the lamps will light and fade to the intensity or color touched.

2. Any intensity and color level key may be touched for the desired lighting Effect.

3. To Turn off the Lamp(s): Touch the **ON/OFF** key and the lights will switch off. Touching again the **ON/OFF** key and the lights will return to their previous dimmed state.

4. All keys have LED status indication and when touch information is received, a “beep” can be heard.

• DC-S12



1. There are 12 preset levels of intensity, on overrunning the range, the buzzer will sound.

Touch the key  softly and the intensity will increase.

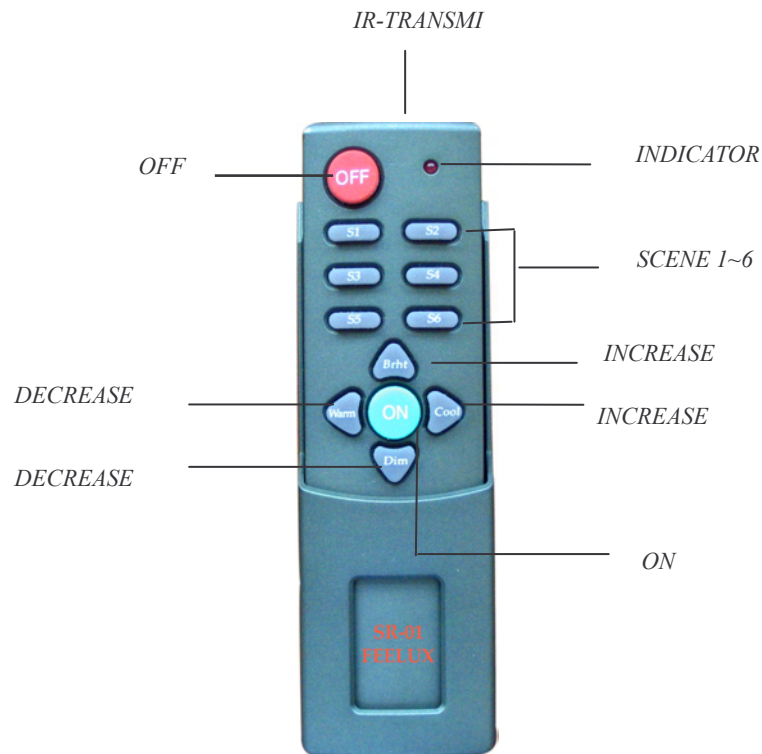
Touch the key  softly and the intensity will decrease.

2. ON/OFF

When the lamp is on, touch  softly and it will turn off

When the lamp is off, touch  softly and it will turn on.

Remote controller



1. Kelvin adjustment

Press the  button and it will decrease the color temperature for a warmer appearance. Press the  button and it will increase the color temperature for a cooler appearance.

2. Dimming operation

Press the  button, and the intensity will increase. Press the  button, and the intensity will decrease.

3. Saving Scene

Up to 6 separate lighting states to save as “SCENES”.

For Example: Set up the first lighting state required to be saved:

Press both the  button and  simultaneously and the Lighting state(scene) is saved in “S1”. Repeat for each state required to be saved in any of the remaining free buttons S2-S6.

To recall a scene, simply press the scene button.

4. ON/OFF

Press the  button and it will turn on. Press the  button and It will turn off.

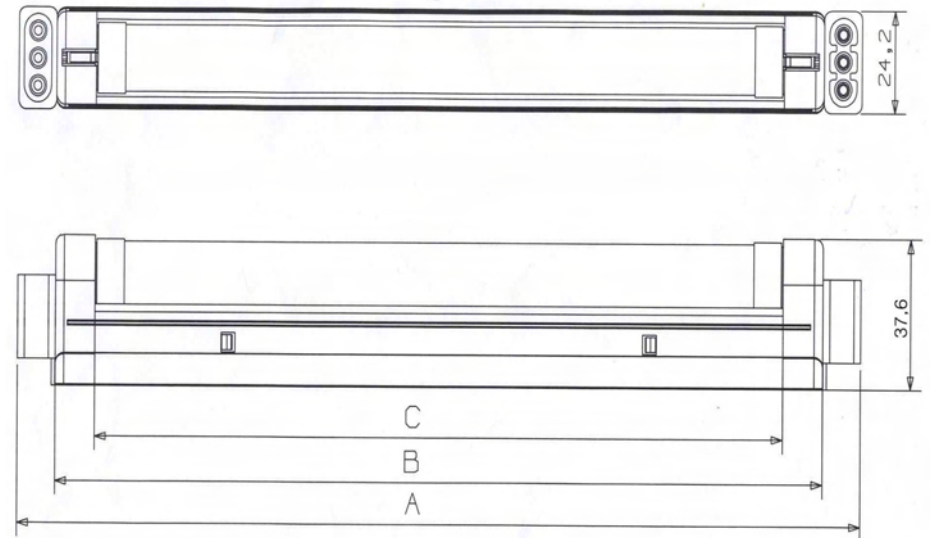
5. The remote controller is suitable for TC-S1, TC-S2 controllers.

Attention: All controllers work between -20°C and 50°C.

Appendix

■ Electrical & Mechanical data

DESCRIPTION		FH-1 LAMP T5 DIMMING FIXTURE			
MODEL		DIMSLIM			
TEST CONDITION		220VAC 60HZ			
LOAD		FH-1 LAMP DIMMING BALLAST			
		UNIT	21W	28W	35W
INPUT POWER	HIGH LIGHTNESS	W	26±2.5	33±2.5	40±2.5
	LOW LIGHTNESS	W	9±0.5*	10±0.5	11±0.5*
	STANDBY STATUS	W	<1	<1	<1
INPUT CURRENT	HIGH LIGHTNESS	mA	110±20	150±20	180±20
	LOW LIGHTNESS	mA	45±10*	52±10	59±10*
	STANDBY STATUS	mA	NO REQUIRED	NO REQUIRED	NO REQUIRED
POWER FACTOR	HIGH LIGHTNESS	%	>97	>97	>97
	LOW LIGHTNESS	%	>70	>70	>70
FREQUENCY	HIGH LIGHTNESS	KHz	47±6	46±6	45+6/-5
	LOW LIGHTNESS	KHz	80±5	72±5	69±5
RESTART		/	OK	OK	OK
OVER VOLTAGE PROTECTION		/	NO REQUIRED	NO REQUIRED	NO REQUIRED
LOW VOLTAGE PROTECTION		/	NO REQUIRED	NO REQUIRED	NO REQUIRED
FILAMENT BREAK PROTECTION		/	OK	OK	OK



DIMSLIM	A(mm)	B(mm)	C(mm)
21W	895	873	850
28W	1195	1173	1150
35W	1495	1473	1450